

Stream Visual Assessment Protocol

(Modified by the Rutgers Cooperative Extension Water Resources Program, www.water.rutgers.edu)

PROJECT:

Evaluators Name Cowan / Hooley Date 28 Sep 07 Time 10:15

Property Owners Name (if applicable) _____

Stream Name 2nd Wash Grid ID C4-15

Reach Location RT 202 - STORAGE PLACE

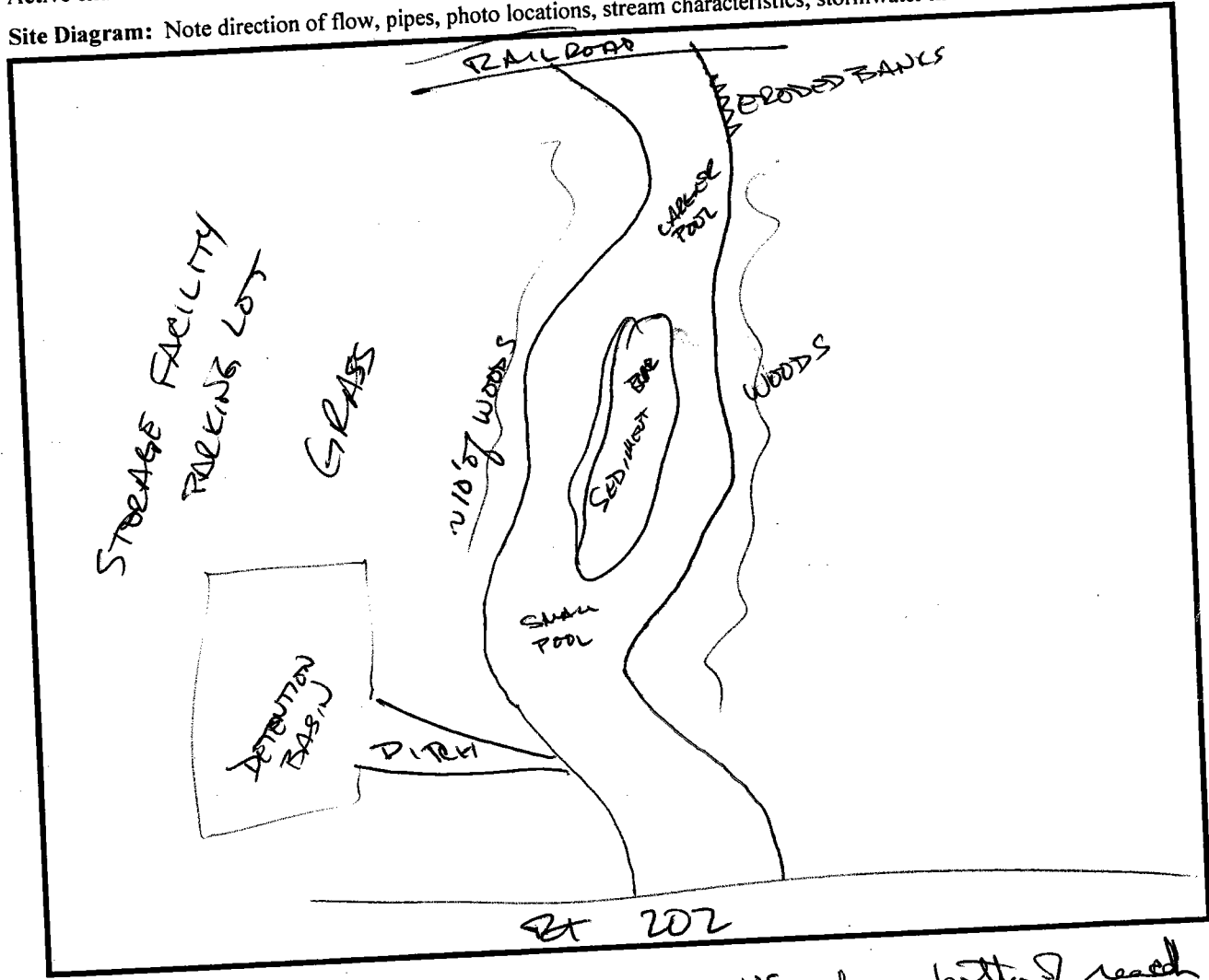
Applicable Reference Site _____

GPS Coordinates (in degrees, minutes, and seconds): _____

Weather conditions today Cloudy - 70's Past 2-5 days Hot + Dry

Active channel width 33 ft Dominant substrate (circle one): boulder cobble gravel sand silt mud

Site Diagram: Note direction of flow, pipes, photo locations, stream characteristics, stormwater infrastructure, & ditches.



- Photo Notes:
1. RT 202 Bridge
 2. US from bottom of reach
 3. _____
 4. _____
 5. ERODED BANK
 6. RAILROAD BRIDGE
 7. DITCH FROM DETENTION BASIN
 8. _____
 9. _____
 10. _____

Assessment Scores (1-Poor to 10-Excellent)

*** (facing upstream) ***

Channel Condition

9

Pools

7

Hydrologic Alteration
(Score only if Applicable)

7

Invertebrate habitat

10

Check
Adm

Riparian Zone

Left: 6

Right: 8

Score only if applicable

Bank Stability

Left: 8

Right: 6

Canopy Cover
(use Manual for guidance)

10

Water Appearance

4

Manure presence

-

Nutrient Enrichment

7

Salinity

-

Barriers to fish movement

9

Riffle embeddedness
(look in riffles)

8

Instream fish cover

8

Macroinvertebrates
Observed (optional)

8

Overall Score

(Total divided by number scored)

Left: 7.5 Right: 7.5

Average: 7.5

7.5

7.5

< 6.0 Poor

6.1-7.4 Fair

7.5-8.9 Good

> 9.0 Excellent

Streamside Land Use:

(within 100 ft. of top of bank)

Check all that apply:

Land Use Category	While Observed in the field	
	Left Bank	Right Bank
Forest		50%
Pasture		50%
Cultivated Field		
Nursery		
Residential		
Commercial	100%	
Industrial		
Other		

Outfall Pipe 1: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N _____ W

Diameter: _____ in

Headwall? YES NO

Double culvert? YES NO

Streambank at outfall eroded? YES NO

Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO

Pipe gathers water from (road, yard, farm, etc.): _____

Flow appearance: clear turbid oily foamy colored other _____

Outfall Pipe 2: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N _____ W

Diameter: _____ in

Headwall? YES NO

Double culvert? YES NO

Streambank at outfall eroded? YES NO

Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO

Pipe gathers water from (road, yard, farm, etc.): _____

Number

Flow appearance: clear turbid oily foamy colored other _____

Drainage Ditch: (Photograph # _____ and mark on site diagram) GPS Coordinates _____ N
Width of ditch 5 ft _____ W
Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from: Salvatore Road

Drainage Ditch: (Photograph # _____ and mark on site diagram) GPS Coordinates _____ N
Width of ditch _____ ft _____ W
Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from: _____

Comments & Suggestions:

Do you have suggestions for remediation along this reach?

Stormwater structures @ rd crossing

Need to determine why water is murky
Given dry weather, is there any running water in nearby stormwater structures?

No

Access to this site...how far off of road is it? Accessible for large equipment, if necessary?

Yes

Debris, trash, litter?

Yes

Additional comments:

Kuhl Rd #16

Stream Visual Assessment Protocol

(Modified by the Rutgers Cooperative Extension Water Resources Program, www.water.rutgers.edu)

PROJECT:

Evaluators Name Cowan / Yousey Date 28 Sep 07 Time 1 PM

Property Owners Name (if applicable) _____

Stream Name Neshanic - @ Confluence 1st + 2nd Grid ID C4-16

Reach Location Kuhl Rd.

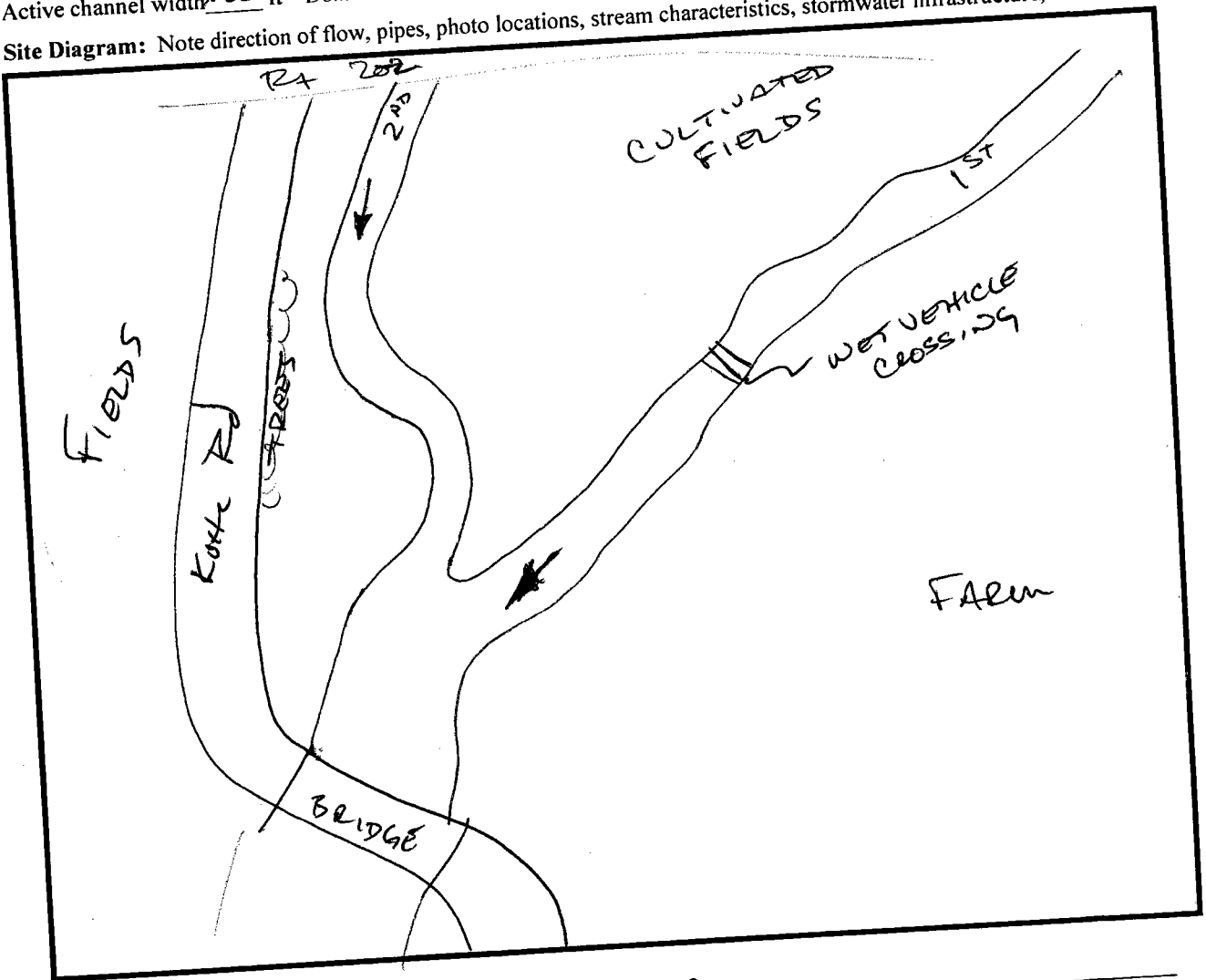
Applicable Reference Site _____

GPS Coordinates (in degrees, minutes, and seconds): _____

Weather conditions today Cloudy - 70° Past 2-5 days Hot - Dry

Active channel width 30 ft Dominant substrate (circle one): boulder cobble gravel sand silt mud

Site Diagram: Note direction of flow, pipes, photo locations, stream characteristics, stormwater infrastructure, & ditches.



- Photo Notes: 1. _____ 2. _____
 3. _____ 4. _____
 5. _____ 6. _____
 7. _____ 8. _____
 9. _____ 10. _____

Assessment Scores (1-Poor to 10-Excellent)

*** (facing upstream) ***

Channel Condition

6

Pools

6

Hydrologic Alteration
(Score only if Applicable)

8

Invertebrate habitat

10

Riparian Zone

Left: 3

Right: 8

Score only if applicable

Bank Stability

Left: 4

Right: 4

Canopy Cover
(use Manual for guidance)

10

Water Appearance

7

Manure presence

—

Nutrient Enrichment

5

Salinity

—

Barriers to fish movement

9

Riffle embeddedness
(look in riffles)

—

Instream fish cover

7

Macroinvertebrates
Observed (optional)

—

Overall Score

(Total divided by number scored)

Left: 6.5 Right: 7.0 Average: 6.8

6.5 7.0

< 6.0 Poor

6.1-7.4 Fair

7.5-8.9 Good

> 9.0 Excellent

Streamside Land Use:

(within 100 ft. of top of bank)

Check all that apply:

Land Use Category	While Observed in the field	
	Left Bank	Right Bank
Forest		
Pasture	X	X
Cultivated Field	X	X
Nursery		X
Residential		
Commercial		
Industrial		
Other	X Road	

Outfall Pipe 1: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N
_____ W

Diameter: 24 in

Headwall? YES NO

Double culvert? YES NO

Streambank at outfall eroded? YES NO

Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO

Pipe gathers water from (road, yard, farm, etc.): _____

Flow appearance: clear turbid oily foamy colored other _____

Outfall Pipe 2: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N
_____ W

Diameter: _____ in

Headwall? YES NO

Double culvert? YES NO

Streambank at outfall eroded? YES NO

Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO

Pipe gathers water from (road, yard, farm, etc.): _____

24" KWH Ted

Flow appearance: clear turbid oily foamy colored other _____

VEHICLE
CROSSING

Drainage Ditch: (Photograph # ___ and mark on site diagram) GPS Coordinates _____ N
Width of ditch 15 ft _____ W
Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from: FIELDS

Drainage Ditch: (Photograph # ___ and mark on site diagram) GPS Coordinates _____ N
Width of ditch _____ ft _____ W
Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from:

Comments & Suggestions:

Do you have suggestions for remediation along this reach?
INCREASE BUFFER, STABILIZE BANK

Given dry weather, is there any running water in nearby stormwater structures?

NO STORMWATER STRUCTURES

Access to this site...how far off of road is it? Accessible for large equipment, if necessary?

GOOD ACCESS

Debris, trash, litter?

YES - GOOD AMOUNT - TIRES

Additional comments:

Close to Rt 202 outfall

SITE #65
 Nason Farm Rd

Stream Visual Assessment Protocol

(Modified by the Rutgers Cooperative Extension Water Resources Program, www.water.rutgers.edu)

PROJECT:

Evaluators Name Bishop / Cronin Date 30 Jul 07 Time 9:50

Property Owners Name (if applicable) _____

Stream Name Second Nest H Grid ID _____

Reach Location EAST of Nason Farm Rd

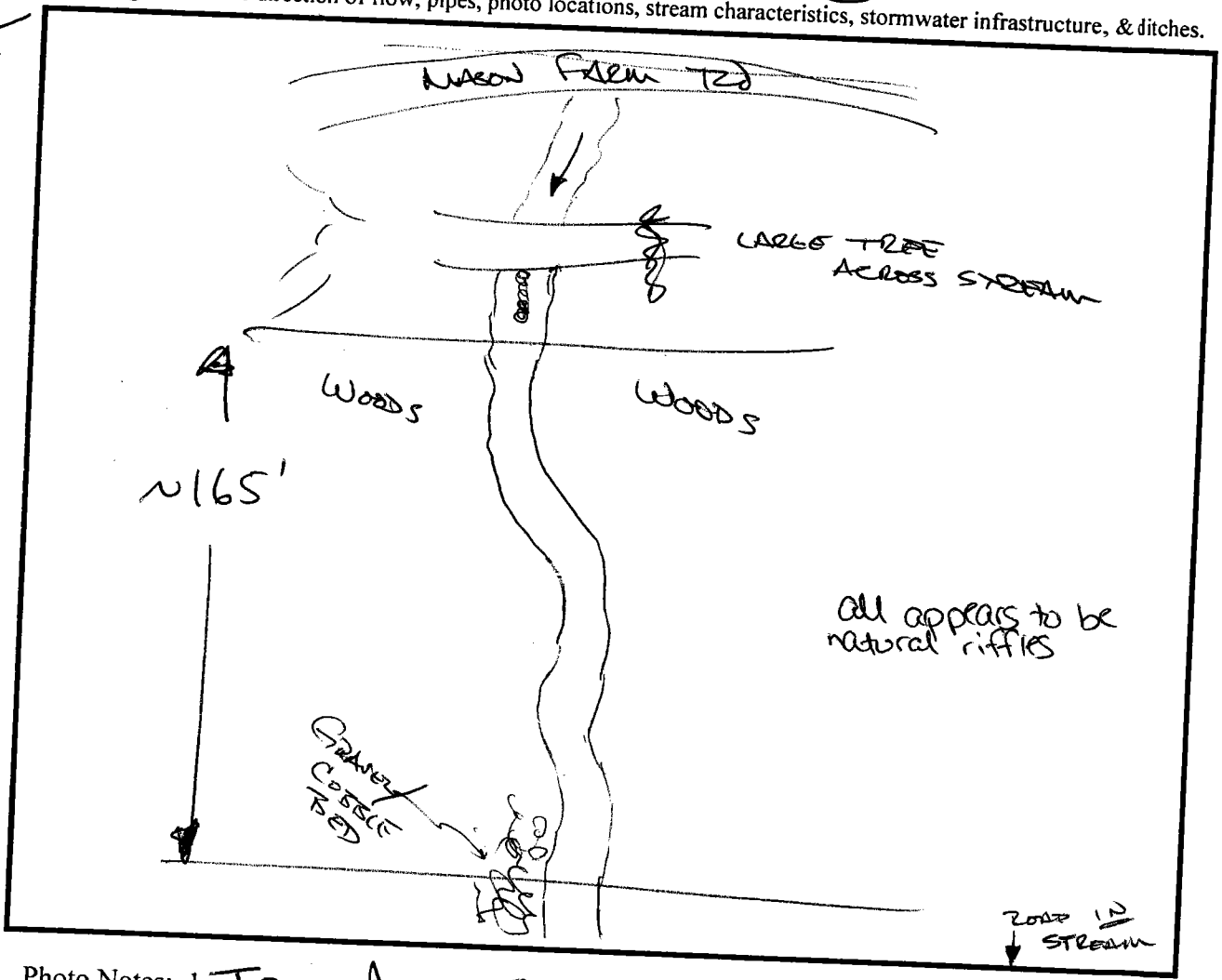
Applicable Reference Site _____

GPS Coordinates (in degrees, minutes, and seconds): _____

Weather conditions today Hot, Humid Past 2-5 days Storms in past 24 hrs.

Active channel width 12.8 ft Dominant substrate (circle one): boulder cobble gravel sand silt mud

Site Diagram: Note direction of flow, pipes, photo locations, stream characteristics, stormwater infrastructure, & ditches.



- Photo Notes:
- | | |
|--|---|
| 1. <u>Tree across stream</u> | 2. <u>Looking DS from start of SUAP</u> |
| 3. <u>Looking Upstream from Endpoint</u> | 4. <u>road crossing stream</u> |
| 5. <u>road crossing stream</u> | 6. _____ |
| 7. _____ | 8. _____ |
| 9. _____ | 10. _____ |

11.5
 11
 16
 3 | 38.35
 12.8

3
 13
 2
 36
 13
 166

Assessment Scores (1-Poor to 10-Excellent)

Channel Condition
 Hydrologic Alteration
 (Score only if Applicable)
 Riparian Zone Left: Right:
 Bank Stability Left: Right:
 Water Appearance
 Nutrient Enrichment
 Barriers to fish movement
 Instream fish cover

*** (facing upstream) ***

Pools no pools in this stretch, nice pools down stream
 Invertebrate habitat

Score only if applicable

Canopy Cover
 (use Manual for guidance)
 Manure presence
 Salinity
 Riffle embeddedness
 (look in riffles)
 Macroinvertebrates
 Observed (optional)

Overall Score
 (Total divided by number scored)
 Left: 8.75 Right: 8.75 Average: 8.75

< 6.0	Poor
6.1-7.4	Fair
7.5-8.9	Good
> 9.0	Excellent

Streamside Land Use: (within 100 ft. of top of bank) Check all that apply:

Land Use Category	While Observed in the field	
	Left Bank	Right Bank
Forest	100%	100%
Pasture		
Cultivated Field		
Nursery		
Residential		
Commercial		
Industrial		
Other		

Outfall Pipe 1: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N _____ W

Diameter: _____ in
 Headwall? YES NO Double culvert? YES NO Streambank at outfall eroded? YES NO
 Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO
 Pipe gathers water from (road, yard, farm, etc.): _____
 Flow appearance: clear turbid oily foamy colored other _____

Outfall Pipe 2: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N _____ W

Diameter: _____ in
 Headwall? YES NO Double culvert? YES NO Streambank at outfall eroded? YES NO
 Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO
 Pipe gathers water from (road, yard, farm, etc.): _____

Flow appearance: clear turbid oily foamy colored other _____

Drainage Ditch: (Photograph # ___ and mark on site diagram) GPS Coordinates _____ N

Width of ditch _____ ft

Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____ W

Ditch is: Stable, Eroding

Ditch Flow is: none, intermittent, steady

Stream channel downstream is: stable, eroded, silted

Flow is: clear, cloudy, oily, foamy, colored

Ditch comes from: _____

Drainage Ditch: (Photograph # ___ and mark on site diagram) GPS Coordinates _____ N

Width of ditch _____ ft

Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____ W

Ditch is: Stable, Eroding

Ditch Flow is: none, intermittent, steady

Stream channel downstream is: stable, eroded, silted

Flow is: clear, cloudy, oily, foamy, colored

Ditch comes from: _____

Comments & Suggestions:

Do you have suggestions for remediation along this reach?

Kill Multiflora

Create crossing downstream

Given dry weather, is there any running water in nearby stormwater structures?

no storm structures

Access to this site...how far off of road is it? Accessible for large equipment, if necessary?

not accessible, difficult access

Debris, trash, litter?

yes - road run off/storm water

Additional comments:

very active bird habitat

difficult access due to Multiflora

6 in fish in deep pool just downstream of SVAP reach

Stream Visual Assessment Protocol
(Modified by the Rutgers Cooperative Extension Water Resources Program, www.water.rutgers.edu)

PROJECT:

Evaluators Name Bishop/Conan Date 30 July 2007 Time 11 am

Property Owners Name (if applicable) _____

Stream Name SECOND NESH Grid ID _____

Reach Location EAST OF BRITTON RD

Applicable Reference Site _____

GPS Coordinates (in degrees, minutes, and seconds): _____

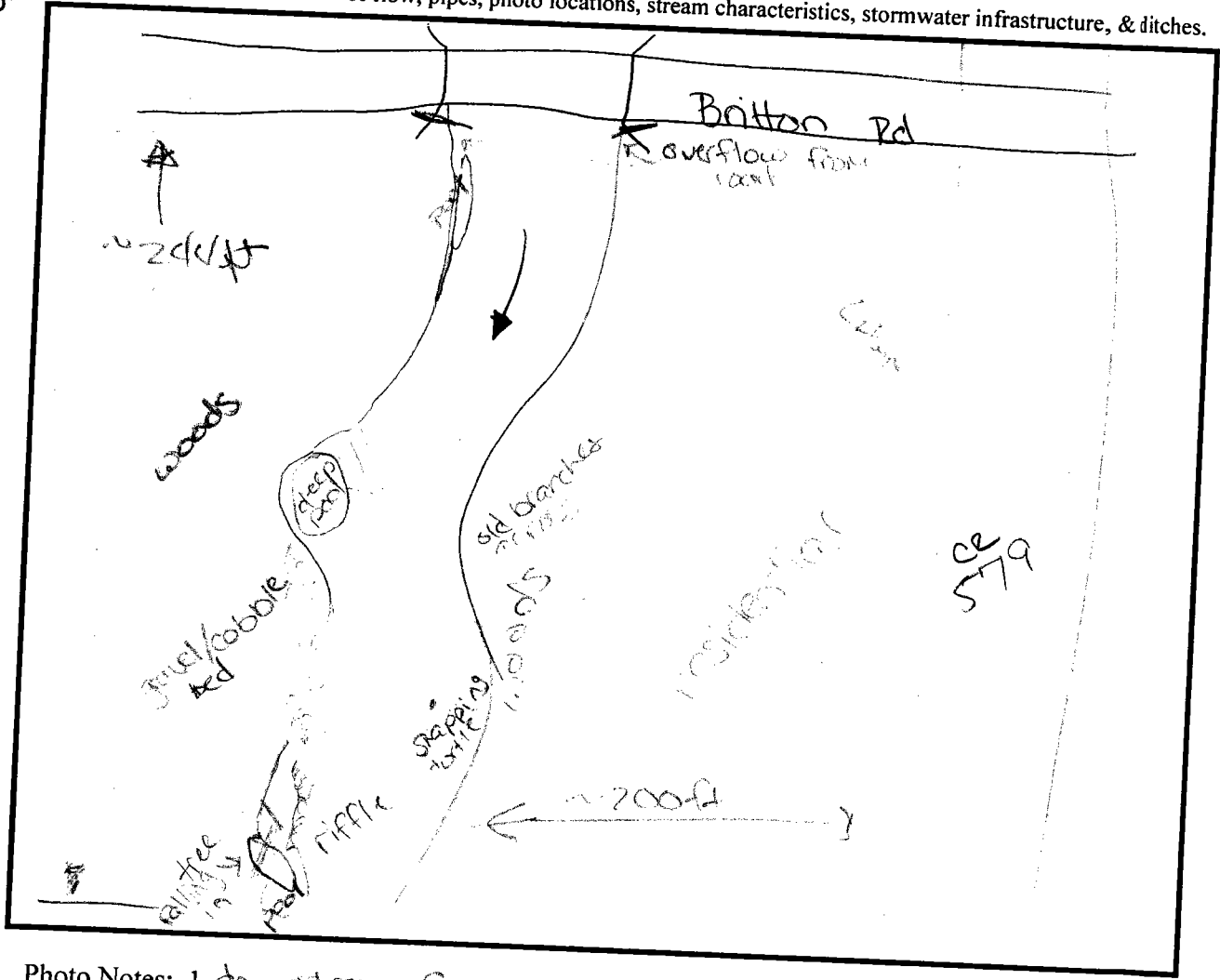
Weather conditions today Hot, Humid Past 2-5 days Storm - 24 hrs

Active channel width 22 ft Dominant substrate (circle one): boulder cobble gravel sand silt mud

Site Diagram: Note direction of flow, pipes, photo locations, stream characteristics, stormwater infrastructure, & ditches.

20
22
24

Reach
24 ft



- Photo Notes: 1. downstream from ridge 2. looking downstream at midstream
- 3. _____
 - 4. _____
 - 5. _____
 - 6. _____
 - 7. _____
 - 8. _____
 - 9. _____
 - 10. _____

Assessment Scores (1-Poor to 10-Excellent)

*** (facing upstream) ***

Channel Condition

Hydrologic Alteration (Score only if Applicable)

Riparian Zone Left: Right:

Bank Stability Left: Right:

Water Appearance

Nutrient Enrichment

Barriers to fish movement

Instream fish cover

Pools

Invertebrate habitat

Score only if applicable

Canopy Cover (use Manual for guidance)

Manure presence

Salinity

Riffle embeddedness (look in riffles)

Macroinvertebrates Observed (optional)

Overall Score < 6.0 Poor
 (Total divided by number scored) 6.1-7.4 Fair
 Left: 8.1 Right: 8.1 Average: 8.1 7.5-8.9 Good
97 > 9.0 Excellent

Streamside Land Use:

(within 100 ft. of top of bank)
 Check all that apply:

Land Use Category	While Observed in the field	
	Left Bank	Right Bank
Forest	80%	75%
Pasture		
Cultivated Field		
Nursery		
Residential	15%	20%
Commercial		
Industrial		
Other Road	5%	0%

Outfall Pipe 1: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N _____ W

Diameter: _____ in
 Headwall? YES NO Double culvert? YES NO Streambank at outfall eroded? YES NO
 Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____
 Channel downstream eroded? YES NO
 Pipe gathers water from (road, yard, farm, etc.): _____
 Flow appearance: clear turbid oily foamy colored other _____

no pipes in reach, but drainage from all sides of both sides of bridge

Outfall Pipe 2: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N _____ W

Diameter: _____ in
 Headwall? YES NO Double culvert? YES NO Streambank at outfall eroded? YES NO
 Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____
 Channel downstream eroded? YES NO
 Pipe gathers water from (road, yard, farm, etc.): _____

Flow appearance: clear turbid oily foamy colored other _____

Drainage Ditch: (Photograph #__ and mark on site diagram) GPS Coordinates _____ N
Width of ditch _____ ft _____ W
Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from: _____

Drainage Ditch: (Photograph #__ and mark on site diagram) GPS Coordinates _____ N
Width of ditch _____ ft _____ W
Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from: _____

Comments & Suggestions:

Do you have suggestions for remediation along this reach?

invasive removal
reconnection to flood plain

Given dry weather, is there any running water in nearby stormwater structures?

N/A

Access to this site...how far off of road is it? Accessible for large equipment, if necessary?

YES

Debris, trash, litter?

yes, storm water runoff + ypc trash

Additional comments:

Stream Visual Assessment Protocol

(Modified by the Rutgers Cooperative Extension Water Resources Program, www.water.rutgers.edu)

PROJECT:

Evaluators Name Kellogg/Hinesley Date 10/30/07 Time 1520

Property Owners Name (if applicable) _____

Stream Name Second Neshanic Grid ID 73

Reach Location _____

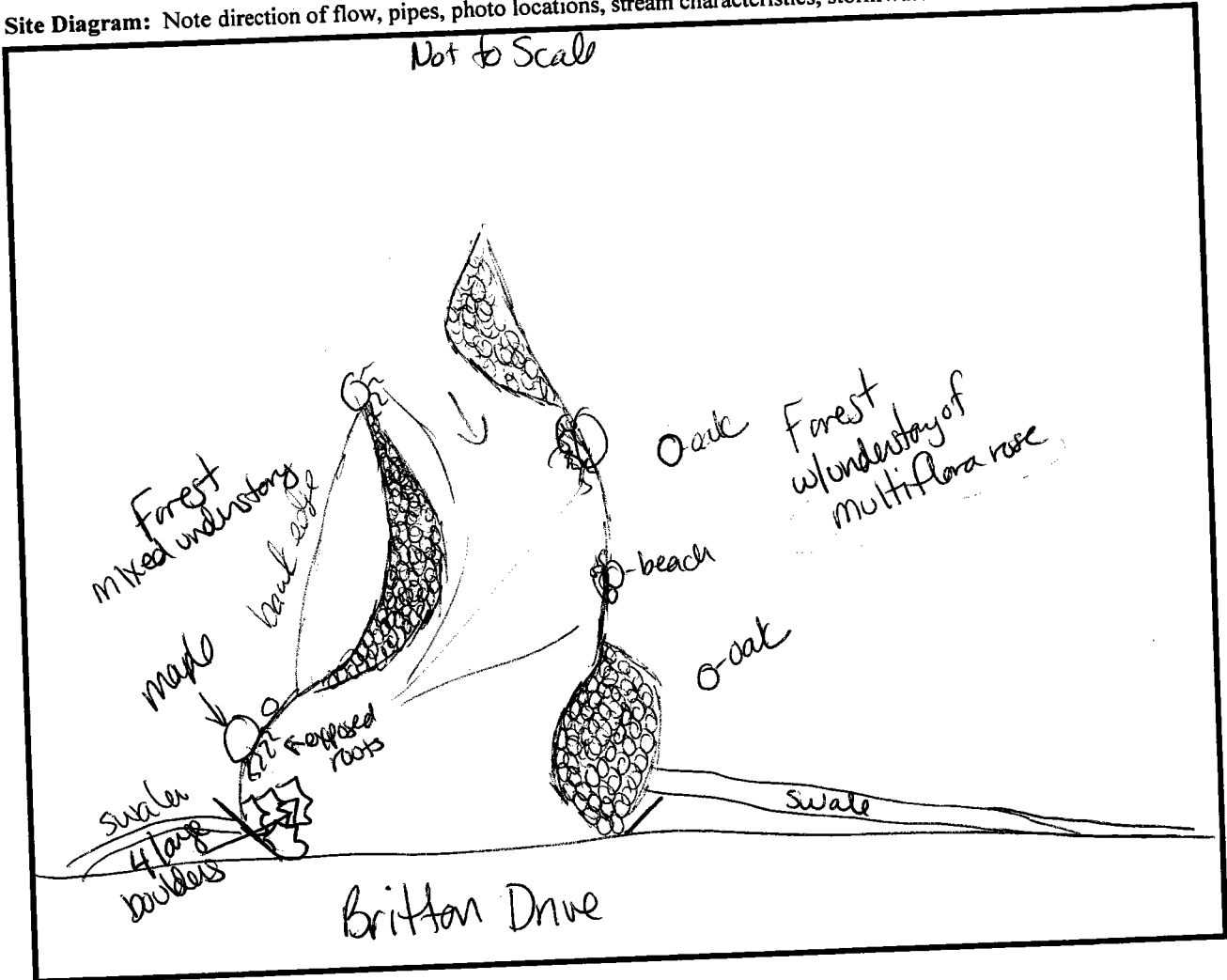
Applicable Reference Site _____

GPS Coordinates (in degrees, minutes, and seconds): _____

Weather conditions today Sunny 26.5°F Past 2-5 days 2.5 inches of rain from 10/26 to 10/27

Active channel width 15 ft Dominant substrate (circle one): boulder cobble gravel sand silt mud

Site Diagram: Note direction of flow, pipes, photo locations, stream characteristics, stormwater infrastructure, & ditches.



- Photo Notes: 1. _____ 2. _____
 3. _____ 4. _____
 5. _____ 6. _____
 7. _____ 8. _____
 9. _____ 10. _____

Assessment Scores (1-Poor to 10-Excellent)

*** (facing upstream) ***

Channel Condition Pools

Hydrologic Alteration *based on data collected by us we have no knowledge of flood frequency* Invertebrate habitat

Riparian Zone Left: Right:

Bank Stability Left: Right:

Water Appearance

Nutrient Enrichment

Barriers to fish movement *but no fish*

Instream fish cover

Score only if applicable

Canopy Cover
(use Manual for guidance)

Manure presence

Salinity

Riffle embeddedness
(look in riffles)

Macroinvertebrates
Observed (optional)

Overall Score	< 6.0	Poor
(Total divided by number scored)	6.1-7.4	Fair
Left: <u>6.3</u> Right: <u>6.2</u> Average: <u>6.2</u>	7.5-8.9	Good
<u>6.9</u> <u>6.8</u>	> 9.0	Excellent

Streamside Land Use:

(within 100 ft. of top of bank)
Check all that apply:

Land Use Category	While Observed in the field	
	Left Bank	Right Bank
Forest	X	X
Pasture		
Cultivated Field		
Nursery		
Residential		
Commercial		
Industrial		
Other		

Outfall Pipe 1: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N
 Diameter: _____ in _____ W
 Headwall? YES NO Double culvert? YES NO Streambank at outfall eroded? YES NO
 Pipe Material: concrete steel PVC Clay Other
 Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____
 Channel downstream eroded? YES NO
 Pipe gathers water from (road, yard, farm, etc.): _____

Outfall Pipe 2: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N
 Diameter: _____ in _____ W
 Headwall? YES NO Double culvert? YES NO Streambank at outfall eroded? YES NO
 Pipe Material: concrete steel PVC Clay Other
 Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____
 Channel downstream eroded? YES NO
 Pipe gathers water from (road, yard, farm, etc.): _____

Flow appearance: clear turbid oily foamy colored other _____

Drainage Ditch: (Photograph #__ and mark on site diagram) GPS Coordinates _____ N
_____ W

Width of ditch 1.5 ft

Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____

Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady

Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored no flow

Ditch comes from: road

Drainage Ditch: (Photograph #__ and mark on site diagram) GPS Coordinates _____ N
_____ W

Width of ditch 1 ft

Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____

Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady

Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored no flow

Ditch comes from: road

Comments & Suggestions:

Do you have suggestions for remediation along this reach?

Given dry weather, is there any running water in nearby stormwater structures? NO

Access to this site...how far off of road is it? Accessible for large equipment, if necessary?

Debris, trash, litter? NO

Additional comments:

Gary has knowledge of flooding and downcutting problems upstream
off here on Bizer Rd. Point bars and erosion may be related
to conditions up there.

Robin Hill Rd # 119

Stream Visual Assessment Protocol

(Modified by the Rutgers Cooperative Extension Water Resources Program, www.water.rutgers.edu)

PROJECT:

Evaluators Name Crowan/Morsey Date 28 Sep 07 Time 9:30

Property Owners Name (if applicable) _____

Stream Name SECOND NESH TRUB Grid ID 119

Reach Location ROBIN HILL RD off AUTUMN LEAF

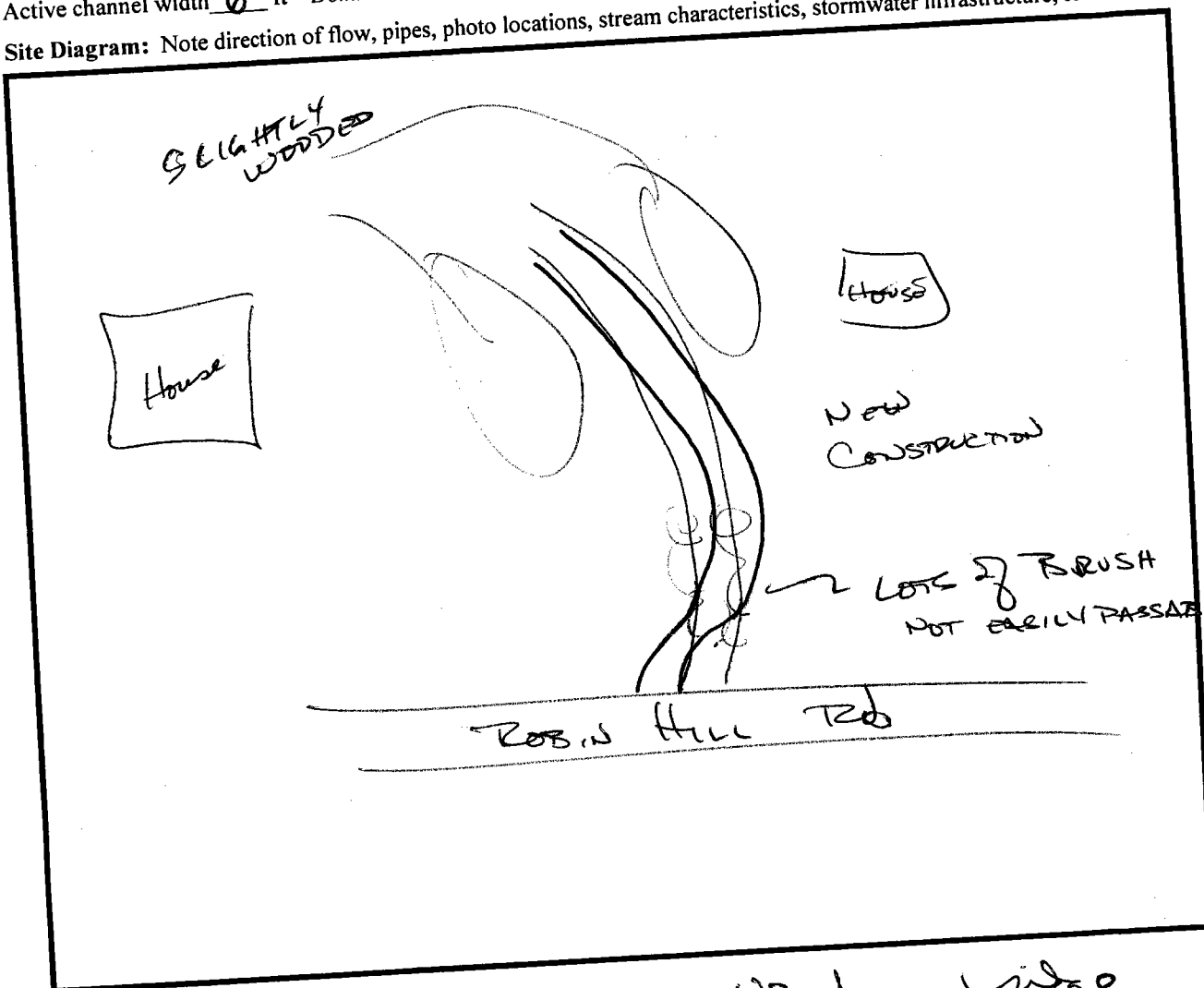
Applicable Reference Site _____

GPS Coordinates (in degrees, minutes, and seconds): _____

Weather conditions today CLOUDY - 70's Past 2-5 days DRY + WARM

Active channel width 6 ft Dominant substrate (circle one): boulder cobble gravel sand silt mud

Site Diagram: Note direction of flow, pipes, photo locations, stream characteristics, stormwater infrastructure, & ditches.



- Photo Notes:
1. Top of Bridge
 2. US from bridge
 3. Stream exposed in right bank
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____

GPS - MARK #5

Assessment Scores (1-Poor to 10-Excellent)

*** (facing upstream) ***

Channel Condition

10

Pools

4

Hydrologic Alteration
(Score only if Applicable)

9

Invertebrate habitat

10

Riparian Zone

Left: 9

Right: 8

Score only if applicable

Bank Stability

Left: 10

Right: 10

Canopy Cover
(use Manual for guidance)

10

Water Appearance

8

Manure presence

-

Nutrient Enrichment

5

Salinity

-

Barriers to fish movement

10

Riffle embeddedness
(look in riffles)

-

Instream fish cover

8

Macroinvertebrates
Observed (optional)

-

Overall Score

(Total divided by number scored)

Left: 8.3 Right: 8.2 Average: 8.2

83

< 6.0 Poor

6.1-7.4 Fair

7.5-8.9 Good

> 9.0 Excellent

Streamside Land Use:

(within 100 ft. of top of bank)
Check all that apply:

w/ CONSERVATION
EASEMENT AROUND STREAM
of least 25' on EACH
SIDE - Now owners +
New CONSERVATION HAVE
NOT STARTED MAJOR
LANDSCAPING

Land Use Category	While Observed in the field	
	Left Bank	Right Bank
Forest		
Pasture		
Cultivated Field		
Nursery		
Residential	X 100%	X 100%
Commercial		
Industrial		
Other		

Outfall Pipe 1: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N
_____ W

Diameter: _____ in

Headwall? YES NO

Double culvert? YES NO

Streambank at outfall eroded? YES NO

Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO

Pipe gathers water from (road, yard, farm, etc.): _____

Flow appearance: clear turbid oily foamy colored other _____

Outfall Pipe 2: (Photo # ___ and mark on site diagram) GPS Coordinates _____ N
_____ W

Diameter: _____ in

Headwall? YES NO

Double culvert? YES NO

Streambank at outfall eroded? YES NO

Pipe Material: concrete steel PVC Clay Other

Location of Pipe: in stream, at top of bank, in bank, out of/ under bridge, other _____

Channel downstream eroded? YES NO

Pipe gathers water from (road, yard, farm, etc.): _____

NO

Flow appearance: clear turbid oily foamy colored other _____

SMALL
DITCH
FROM
FIELD

Drainage Ditch: (Photograph # ___ and mark on site diagram) GPS Coordinates _____ N
Width of ditch 1 ft _____ W
Begins at: Old Field - construction Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from: _____

Drainage Ditch: (Photograph # ___ and mark on site diagram) GPS Coordinates _____ N
Width of ditch _____ ft _____ W
Begins at: _____ Ditch lining: stone, vegetation, concrete, mud, other _____
Ditch is: Stable, Eroding Ditch Flow is: none, intermittent, steady
Stream channel downstream is: stable, eroded, silted Flow is: clear, cloudy, oily, foamy, colored
Ditch comes from: _____

Comments & Suggestions:

Do you have suggestions for remediation along this reach?

LANDOWNER EDUCATION

Given dry weather, is there any running water in nearby stormwater structures?

NO STORMWATER STRUCTURES

Access to this site...how far off of road is it? Accessible for large equipment, if necessary?

Close to road

Debris, trash, litter?

No

Additional comments:

MANEY TREES
SOME SWAMP LOOKING AREAS