APPENDIX C

SITE EVALUATION FORMS
**Basin Name:** Bishop 5

**Type of Development:** Residential

**Plans?**
- Yes
- No

**Site Accessible?**
- Yes
- No

**Current Weather Conditions?** Sunny

**BASIN INFORMATION**

- **Type of Basin:** Wet
- **Inlet Pipe #1 Location:**
  - Size: ______ inches
  - Material: Concrete
  - Inlet Pipe Condition: Good
  - Evidence of Sediment Deposition: Yes
  - Maintenance Reqd: Bank Stabilization
- **Digital Photo ID:**
- **Inlet Pipe #2 Location:**
  - Size: ______ inches
  - Material: Concrete
  - Inlet Pipe Condition: Good
  - Evidence of Sediment Deposition: Yes
  - Maintenance Reqd: Bank Stabilization
- **Digital Photo ID:**
- **Inlet Pipe #3 Location:**
  - Size: ______ inches
  - Material: Concrete
  - Inlet Pipe Condition: Good
  - Evidence of Sediment Deposition: Yes
  - Maintenance Reqd: Bank Stabilization

**OHM Inspector:** ET

**ECT Inspector:** AV

**Date:** 8-17-06

**Time:** 11:55 am

**Temperature:** ______
DETENTION BASIN INSPECTION FORM  
CITY of NOVI STORMWATER STUDY  
0163-06-0601

Outlet Structure  
Location: ___________________________ Digital Photo ID: __________________
Diameter: ________ Height: ________
Flow Control: 10 Yr  100 Yr  Other: __________________
Treatment Control: None  First Flush  Bankfull  Other: __________________
Orifice Info: # of Holes: ________ Size: ________ Location: __________________
Discharges to: __________________________
Outlet Structure Condition: Good  Satisfactory  Poor  Other: __________________
Maintenance Required: __________________________

Secondary Overflow  
Digital Photo ID: __________________
Type: EMBANKMENT  RISER  OTHER: __________________
Secondary Overflow Condition: Good  Satisfactory  Poor  Other: __________________
Maintenance Required: __________________________

Bank Condition  
1 Location: North  South  East  West Digital Photo ID: __________________
Vegetative Cover: ________ %  Condition: Good  Satisfactory  Poor
Bank Erosion: Yes  No  Size of Erosion Area: __________________
Apparent Cause of Erosion: __________________________
Bank Sideslope: 1:1  2:1  3:1  4:1  5:1  OTHER: __________________
Maintenance Required: __________________________

2 Location: North  South  East  West Digital Photo ID: __________________
Vegetative Cover: ________ %  Condition: Good  Satisfactory  Poor
Bank Erosion: Yes  No  Size of Erosion Area: __________________
Apparent Cause of Erosion: __________________________
Bank Sideslope: 1:1  2:1  3:1  4:1  5:1  OTHER: __________________
Maintenance Required: __________________________

3 Location: North  South  East  West Digital Photo ID: __________________
Vegetative Cover: ________ %  Condition: Good  Satisfactory  Poor
Bank Erosion: Yes  No  Size of Erosion Area: __________________
Apparent Cause of Erosion: __________________________
Bank Sideslope: 1:1  2:1  3:1  4:1  5:1  OTHER: __________________
Maintenance Required: __________________________
**General Comments:**
- Appears to be flashy - debris & sediment deposits present near outlet grates
- As creek is turbid w/algae - fully vegetated w/
- No signs of erosion
- Lots of sediment in pond - comparable to Taft
**DETENTION BASIN INSPECTION FORM**  
**CITY of NOVI STORMWATER STUDY**  
0163-06-0601

<table>
<thead>
<tr>
<th>Location Description:</th>
<th>OHM Inspector:</th>
<th>ECT Inspector:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basin Name:</strong> C&amp;O 7</td>
<td>ET</td>
<td>AV</td>
</tr>
</tbody>
</table>

- Type of Development: Commercial
- Plans? Yes
- Site Accessible? Yes

**Current Weather Conditions:** Sunny

### BASIN INFORMATION

<table>
<thead>
<tr>
<th>Type of Basin:</th>
<th>Wet</th>
<th>Dry</th>
<th>Retention Only</th>
<th>Wetland/Marsh</th>
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#### Inlet Pipe #1

<table>
<thead>
<tr>
<th>Location:</th>
<th>Digital Photo ID:</th>
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</table>

- Size: _______ inches
- Material: Concrete
- Inlet Pipe Condition: Good
- Evidence of Sediment Deposition: Yes
- Evidence of Illicit Discharge: No

#### Inlet Pipe #2

<table>
<thead>
<tr>
<th>Location:</th>
<th>Digital Photo ID:</th>
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</table>

- Size: _______ inches
- Material: Concrete
- Inlet Pipe Condition: Good
- Evidence of Sediment Deposition: Yes
- Evidence of Illicit Discharge: No

#### Inlet Pipe #3

<table>
<thead>
<tr>
<th>Location:</th>
<th>Digital Photo ID:</th>
</tr>
</thead>
</table>

- Size: _______ inches
- Material: Concrete
- Inlet Pipe Condition: Good
- Evidence of Sediment Deposition: Yes
- Evidence of Illicit Discharge: No

---

**OHM Inspector:** ET  
**ECT Inspector:** AV  
**Date:** 8-17-06  
**Time:** 12:55  
**Temperature:** ___

Orchard, Hiltz McCliment, Inc.
**Outlet Structure**

<table>
<thead>
<tr>
<th>Location:</th>
<th>Digital Photo ID:</th>
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<tbody>
<tr>
<td>Diameter:</td>
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<tr>
<td>Height:</td>
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<tr>
<td>Flow Control:</td>
<td></td>
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<tr>
<td>10 Yr</td>
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<tr>
<td>100 Yr</td>
<td></td>
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<tr>
<td>Other:</td>
<td></td>
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<tr>
<td>Treatment Control:</td>
<td></td>
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<tr>
<td>None</td>
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<tr>
<td>First Flush</td>
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<tr>
<td>Bankfull</td>
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<tr>
<td>Other:</td>
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<td>Orifice Info:</td>
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<tr>
<td># of Holes:</td>
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<tr>
<td>Size:</td>
<td></td>
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<tr>
<td>Location:</td>
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<td>Discharges to:</td>
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<tr>
<td>Outlet Structure Condition:</td>
<td>Good</td>
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<tr>
<td>Satisfactory</td>
<td>Poor</td>
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<td>Other:</td>
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<td>Maintenance Required:</td>
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**Secondary Overflow**

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<td>Type:</td>
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<td>EMBANKMENT</td>
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<tr>
<td>RISER</td>
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<tr>
<td>OTHER:</td>
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<td>Secondary Overflow</td>
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<tr>
<td>Condition:</td>
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<td>Good</td>
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<tr>
<td>Satisfactory</td>
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<td>Poor</td>
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<td>Other:</td>
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<td>Maintenance Required:</td>
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**Bank Condition**

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<td>%</td>
<td>Condition: Good</td>
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<td></td>
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<tr>
<td>Bank Erosion: Yes</td>
<td>No</td>
<td>Size of Erosion Area:</td>
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<td></td>
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<tr>
<td>Apparent Cause of Erosion:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Bank Sideslope: 1:1</td>
<td>2:1</td>
<td>3:1</td>
<td>4:1</td>
<td>5:1</td>
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<tr>
<td>Maintenance Required:</td>
<td></td>
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<td></td>
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<tr>
<td>2 Location: North</td>
<td>South</td>
<td>East</td>
<td>West</td>
<td>Digital Photo ID:</td>
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<td>%</td>
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<td>Apparent Cause of Erosion:</td>
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<tr>
<td>Bank Sideslope: 1:1</td>
<td>2:1</td>
<td>3:1</td>
<td>4:1</td>
<td>5:1</td>
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<tr>
<td>3 Location: North</td>
<td>South</td>
<td>East</td>
<td>West</td>
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<td>Vegetative Cover:</td>
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<td>Apparent Cause of Erosion:</td>
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<td>Bank Sideslope: 1:1</td>
<td>2:1</td>
<td>3:1</td>
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DETENTION BASIN INSPECTION FORM
CITY of NOVI STORMWATER STUDY
0163-06-0601

<table>
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<th>Location:</th>
<th>4</th>
<th>Location: North</th>
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<th>East</th>
<th>West</th>
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<tbody>
<tr>
<td>Vegetative Cover:</td>
<td>%</td>
<td>Condition: Good</td>
<td>Satisfactory</td>
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<td>No</td>
<td>Size of Erosion Area:</td>
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Apparent Cause of Erosion: ____________________________

Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: ____________________________

Maintenance Required: __________________________________________

Bottom Conditions

Depth of Sediment: none in stream
Vegetation: wetland

Debris: none

Maintenance Required: __________________________________________

Water Surface

Color: clear
Oil/Grease Sheen: ____________________________

Debris: none
Vegetation: ____________________________

Maintenance Required: __________________________________________

General Comments:

errosion & undercut banks
Ann said flooding comes up to almost road
heavy wetland veg surrounding stream ~ 100 ft from road

on ds sign, erosion & sedimentation on banks

wetland veg
mowed concrete apron
box opening ~2.5 ft

road
Very Steep Slope

A lot of erosion along slope
Some sediment hair
Heavy erosion exposed roots
<table>
<thead>
<tr>
<th>Inlet Pipe #1</th>
<th>Location:</th>
<th>Digital Photo ID:</th>
<th>Size:</th>
<th>inches</th>
<th>Material:</th>
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<td>Depth:</td>
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<td>Evidence of Illicit Discharge:</td>
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<td>Maintenance</td>
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<td>Sediment Clean Out</td>
<td>Vegetation</td>
<td>Inlet/Outlet Repair</td>
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Describe Maintenance Needs:

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<th>CMP</th>
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<td>Evidence of Sediment Deposition:</td>
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<td>No</td>
<td>Depth:</td>
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<tr>
<td>Evidence of Illicit Discharge:</td>
<td>Yes</td>
<td>No</td>
<td>Description:</td>
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<td>Maintenance</td>
<td>Bank Stabilization</td>
<td>Sediment Clean Out</td>
<td>Vegetation</td>
<td>Inlet/Outlet Repair</td>
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Describe Maintenance Needs:

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<th>Location:</th>
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<th>Size:</th>
<th>inches</th>
<th>Material:</th>
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<th>CMP</th>
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<td>Inlet Pipe Condition:</td>
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<td>Depth:</td>
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<td>Evidence of Illicit Discharge:</td>
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<td>No</td>
<td>Description:</td>
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<td>Vegetation</td>
<td>Inlet/Outlet Repair</td>
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</table>

Describe Maintenance Needs:
**Outlet Structure**

- **Location:**
- **Digital Photo ID:**
- **Diameter:**
- **Height:**
- **Flow Control:** 10 Yr, 100 Yr, Other:
- **Treatment Control:** None, First Flush, Bankfull, Other:
- **Orifice Info:** # of Holes, Size, Location:
- **Discharges to:**
- **Outlet Structure Condition:** Good, Satisfactory, Poor, Other:
- **Maintenance Required:**

**Secondary Overflow**

- **Digital Photo ID:**
- **Type:** EMBANKMENT, RISER, OTHER:
- **Secondary Overflow Condition:** Good, Satisfactory, Poor, Other:
- **Maintenance Required:**

**Bank Condition**

1. **Location:** North, South, East, West
- **Digital Photo ID:**
- **Vegetative Cover:** %
- **Condition:** Good, Satisfactory, Poor
- **Bank Erosion:** Yes, No
- **Size of Erosion Area:**

**Apparent Cause of Erosion:**

- **Bank Sideslope:** 1:1, 2:1, 3:1, 4:1, 5:1, OTHER:
- **Maintenance Required:**

2. **Location:** North, South, East, West
- **Digital Photo ID:**
- **Vegetative Cover:** %
- **Condition:** Good, Satisfactory, Poor
- **Bank Erosion:** Yes, No
- **Size of Erosion Area:**

**Apparent Cause of Erosion:**

- **Bank Sideslope:** 1:1, 2:1, 3:1, 4:1, 5:1, OTHER:
- **Maintenance Required:**

3. **Location:** North, South, East, West
- **Digital Photo ID:**
- **Vegetative Cover:** %
- **Condition:** Good, Satisfactory, Poor
- **Bank Erosion:** Yes, No
- **Size of Erosion Area:**

**Apparent Cause of Erosion:**

- **Bank Sideslope:** 1:1, 2:1, 3:1, 4:1, 5:1, OTHER:
- **Maintenance Required:**
Location: North South East West Digital Photo ID: 

Vegetative Cover: _____ % Condition: Good Satisfactory Poor

Bank Erosion: Yes No Size of Erosion Area: 

Apparent Cause of Erosion: 

Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: 

Maintenance Required: 

Bottom Conditions

Depth of Sediment: Can't see bc of algae Vegetation: none

Debris: none

Maintenance Required: 

Water Surface

Color: clear/black Oil/Grease Sheen: 

Debris: none Vegetation: algae

Maintenance Required: 

General Comments:

See pic below

Vegetation growing in quadruple culverts - is there sitting water - if flowing veg wouldn't grow

Concrete pad is cracked should be removed

Odor in stream - decaying snails? Erosion on banks

Grate has been lifted probably to prevent debris build-up

Vegetation overgrown on banks

Veg culverts grass all around is being mowed

Lots of algae in pond

ECT, Inc.
DETENTION BASIN INSPECTION FORM
CITY of NOVI STORMWATER STUDY
0163-06-0601

Location Description: behind City Hall

Basin Name: Civic Center

Type of Development: Residential Commercial Industrial Other

Plans? ☐ Yes ☐ No

Site Accessible? ☒ Yes easy ☐ No

Current Weather Conditions? Sunny

Date: 8/8/06

Photo 1-15 Ann

Time: 9:05 am

Temperature: __________

BASIN INFORMATION

Type of Basin: ☐ Wet ☐ Dry ☐ Retention Only Wetland/Marsh

Location: ______________

Size: 12 in. → 24 in (grade)

Inlet Pipe Condition: ☒ Good ☐ Satisfactory ☐ Poor ☐ Other: _______

Digital Photo ID: 1-7

Evidence of Sediment Deposition: ☐ Yes ☐ No

Depth: _______

Evidence of Illicit Discharge: ☐ Yes ☐ No

Description: _______

Maintenance Reqd: ☐ Bank Stabilization ☐ Sediment Clean Out ☐ Vegetation Clean Out ☐ Inlet/Outlet Repair ☐ None

Describe Maintenance Needs: grates can collect debris - clean at time

Inlet Pipe #2

Location: ______________

Digital Photo ID: ______________

Size: _______ inches Material: Concrete Plastic CMP Other: _______

Inlet Pipe Condition: Good Satisfactory Poor Other: _______

Evidence of Sediment Deposition: ☐ Yes ☐ No

Depth: _______

Evidence of Illicit Discharge: ☐ Yes ☐ No

Description: _______

Maintenance Reqd: ☐ Bank Stabilization ☐ Sediment Clean Out ☐ Vegetation Clean Out ☐ Inlet/Outlet Repair ☐ None

Describe Maintenance Needs: _______

Inlet Pipe #3

Location: ______________

Digital Photo ID: ______________

Size: _______ inches Material: Concrete Plastic CMP Other: _______

Inlet Pipe Condition: Good Satisfactory Poor Other: _______

Evidence of Sediment Deposition: ☐ Yes ☐ No

Depth: _______

Evidence of Illicit Discharge: ☐ Yes ☐ No

Description: _______

Maintenance Reqd: ☐ Bank Stabilization ☐ Sediment Clean Out ☐ Vegetation Clean Out ☐ Inlet/Outlet Repair ☐ None

Describe Maintenance Needs: _______

Orchard, Hiltz McCliment, Inc.
OUTLET STRUCTURE

Location: ___________________________ Digital Photo ID: __________

Diameter: __________ Height: __________

Flow Control: 10 Yr 100 Yr Other: _______________

Treatment Control: None First Flush Bankfull Other: _______________

Orifice Info: # of Holes: __________ Size: __________ Location: ___________________________

Discharges to: ___________________________

Outlet Structure Condition: Good Satisfactory Poor Other: _______________

Maintenance Required: ___________________________

SECONDARY OVERFLOW

Digital Photo ID: __________

Type: EMBANKMENT, RISER OTHER: _______________

Secondary Overflow Condition: Good Satisfactory Poor Other: _______________

Maintenance Required: ___________________________

BANK CONDITION

1 Location: North South East Digital Photo ID: __________

Vegetative Cover: __________ % Condition: Good Satisfactory Poor

Bank Erosion: Yes No Size of Erosion Area: ___________________________

Apparent Cause of Erosion: erosion ds of basin - replace concrete w/ rip-rap

Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: __________

Maintenance Required: ___________________________

2 Location: North South East West Digital Photo ID: __________

Vegetative Cover: __________ % Condition: Good Satisfactory Poor

Bank Erosion: Yes No Size of Erosion Area: ___________________________

Apparent Cause of Erosion: ___________________________

Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: __________

Maintenance Required: ___________________________

3 Location: North South East West Digital Photo ID: __________

Vegetative Cover: __________ % Condition: Good Satisfactory Poor

Bank Erosion: Yes No Size of Erosion Area: ___________________________

Apparent Cause of Erosion: ___________________________

Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: __________

Maintenance Required: ___________________________
DETENTION BASIN INSPECTION FORM
CITY of NOVI STORMWATER STUDY

0163-06-0601

Location: North South East West Digital Photo ID: _______________

Vegetative Cover: ___________% Condition: Good Satisfactory Poor

Bank Erosion: Yes No Size of Erosion Area: _______________

Apparent Cause of Erosion: _______________________________________

Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: _______________

Maintenance Required: ___________________________________________

Bottom Conditions

Depth of Sediment: rocky Vegetation: _______________

Debris: _______________

Maintenance Required: _________________________________________

Water Surface

Color: clear Oil/Grease Sheen: none

Debris: woody Vegetation: good buffer

Maintenance Required: _______________________________________

General Comments:

no sediment buildup

Concrete culvert

Concrete apron (remove)

Fill in

Wetland

ECT, Inc.
det_basin_form.xls
**Detention Basin Inspection Form**

**City of Novi Stormwater Study**

0163-06-0601

<table>
<thead>
<tr>
<th>Location Description:</th>
<th>OHM Inspector:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basin Name:</strong> Haggerty</td>
<td><strong>ET</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Development:</th>
<th>ECT Inspector:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Commercial Industrial Other</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Plans?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
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<table>
<thead>
<tr>
<th>Site Accessible?</th>
<th>Yes</th>
<th>difficult</th>
<th>No</th>
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</table>

<table>
<thead>
<tr>
<th>Current Weather Conditions?</th>
<th>Sunny</th>
</tr>
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</table>

**Basin Information**

<table>
<thead>
<tr>
<th>Type of Basin:</th>
<th>Wet</th>
<th>Dry</th>
<th>Retention Only</th>
<th>Wetland/ Marsh</th>
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</table>

<table>
<thead>
<tr>
<th>Inlet Pipe #1</th>
<th>Location:</th>
<th>Digital Photo ID:</th>
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<tbody>
<tr>
<td>Size: 26 inches</td>
<td>Material: Concrete Plastic CMP Other:</td>
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<table>
<thead>
<tr>
<th>Inlet Pipe Condition:</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
<th>Other:</th>
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</table>

<table>
<thead>
<tr>
<th>Evidence of Sediment Deposition:</th>
<th>Yes</th>
<th>No</th>
<th>Depth:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Evidence of Illicit Discharge:</th>
<th>Yes</th>
<th>No</th>
<th>Description:</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Maintenance Req'd:</th>
<th>Bank Stabilization</th>
<th>Sediment Clean Out</th>
<th>Clean Out</th>
<th>Inlet/Outlet Repair</th>
<th>None</th>
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</thead>
</table>

**Describe Maintenance Needs:**

---

<table>
<thead>
<tr>
<th>Inlet Pipe #2</th>
<th>Location:</th>
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<tbody>
<tr>
<td>Size: _______ inches</td>
<td>Material: Concrete Plastic CMP Other:</td>
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<table>
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<tr>
<th>Inlet Pipe Condition:</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
<th>Other:</th>
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<tr>
<th>Evidence of Sediment Deposition:</th>
<th>Yes</th>
<th>No</th>
<th>Depth:</th>
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</table>

<table>
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<tr>
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<th>Yes</th>
<th>No</th>
<th>Description:</th>
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</table>

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<tr>
<th>Maintenance Req'd:</th>
<th>Bank Stabilization</th>
<th>Sediment Clean Out</th>
<th>Clean Out</th>
<th>Inlet/Outlet Repair</th>
<th>None</th>
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</table>

**Describe Maintenance Needs:**

---

<table>
<thead>
<tr>
<th>Inlet Pipe #3</th>
<th>Location:</th>
<th>Digital Photo ID:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size: _______ inches</td>
<td>Material: Concrete Plastic CMP Other:</td>
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<table>
<thead>
<tr>
<th>Inlet Pipe Condition:</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
<th>Other:</th>
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<table>
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<tr>
<th>Evidence of Sediment Deposition:</th>
<th>Yes</th>
<th>No</th>
<th>Depth:</th>
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<th>Bank Stabilization</th>
<th>Sediment Clean Out</th>
<th>Clean Out</th>
<th>Inlet/Outlet Repair</th>
<th>None</th>
</tr>
</thead>
</table>

**Describe Maintenance Needs:**

---
OUTLET STRUCTURE
Location: ____________________________ Digital Photo ID: ________________
Diameter: __________ Height: __________
Flow Control: 10 Yr 100 Yr Other: ____________________________
Treatment Control: None First Flush Bankfull Other: ____________________________
Orifice Info: # of Holes: __________ Size: __________ Location: ____________________________
Discharges to: ____________________________
Outlet Structure Condition: Good Satisfactory Poor Other: ____________________________
Maintenance Required: ____________________________

SECONDARY OVERFLOW
Digital Photo ID: ________________
Type: EMBANKMENT RISER OTHER: ____________________________
Secondary Overflow Condition: Good Satisfactory Poor Other: ____________________________
Maintenance Required: ____________________________

BANK CONDITION
1 Location: North South East West Digital Photo ID: ________________
Vegetative Cover: _________ % Condition: Good Satisfactory Poor
Bank Erosion: Yes No Size of Erosion Area: ____________________________
Apparent Cause of Erosion: ____________________________
Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: ____________________________
Maintenance Required: ____________________________

2 Location: North South East West Digital Photo ID: ________________
Vegetative Cover: _________ % Condition: Good Satisfactory Poor
Bank Erosion: Yes No Size of Erosion Area: ____________________________
Apparent Cause of Erosion: ____________________________
Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: ____________________________
Maintenance Required: ____________________________

3 Location: North South East West Digital Photo ID: ________________
Vegetative Cover: _________ % Condition: Good Satisfactory Poor
Bank Erosion: Yes No Size of Erosion Area: ____________________________
Apparent Cause of Erosion: ____________________________
Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: ____________________________
Maintenance Required: ____________________________
DETENTION BASIN INSPECTION FORM  
CITY of NOVI STORMWATER STUDY  
0163-06-0601

<table>
<thead>
<tr>
<th>Location:</th>
<th>North</th>
<th>South</th>
<th>East</th>
<th>West</th>
<th>Digital Photo ID:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetative Cover:</td>
<td>%</td>
<td>Condition:</td>
<td>Good</td>
<td>Satisfactory</td>
<td>Poor</td>
</tr>
<tr>
<td>Bank Erosion:</td>
<td>Yes</td>
<td>No</td>
<td>Size of Erosion Area:</td>
<td></td>
<td></td>
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</table>

Apparent Cause of Erosion: ____________________________

Bank Sideslope: 1:1  2:1  3:1  4:1  5:1  OTHER: ____________________________

Maintenance Required: ____________________________

**Bottom Conditions**

Depth of Sediment: ____________________________  Vegetation: ____________________________

Debris: ____________________________

Maintenance Required: ____________________________

**Water Surface**

Color: clear/ little turbidity  Oil/Grease Sheen: ____________________________

Debris: ____________________________  Vegetation: heavy algae growth

Maintenance Required: ____________________________

**General Comments:**

no signs of sedimentation in basin.  
Some in ds creek  
ds creek is well vegetated w/ little erosion

---

[Diagram notes:]

- Slightly turbid water
- Vegetated
- Heavy algae growth
- Standing water w/ vegetation
- Some sedimentation
- Concrete pipe
- Empty for future development
- 36" concrete pipe
- 5 ft
- MHT's
- Good vegetation but not mowed
- Some sedimentation might be constructed mitigation wetland

ECT, Inc.
Location: Near m-5/96
Basin Name: Ingersol
Type of Development: Residential, Commercial, Industrial, Other
Plans? Yes, No
Site Accessible? Yes, No

Temperature: ______________

BASIN INFORMATION
Type of Basin: Wet, Dry, Retention Only, Wetland/Marsh
Inlet Pipe #1 Location: ______________
Size: 30 inches, Material: Concrete
Inlet Pipe Condition: Good, Satisfactory, Poor, Other: ______________
Evidence of Sediment Deposition: Yes, No
Evidence of Illicit Discharge: Yes, No
Maintenance Req'd: Bank Stabilization, Sediment Clean Out, Vegetation Clean Out, Inlet/Outlet Repair, None

Describe Maintenance Needs: Heavy vegetation at outlet.

Inlet Pipe #2 Location: ______________
Size: ______________ inches, Material: Concrete
Inlet Pipe Condition: Good, Satisfactory, Poor, Other: ______________
Evidence of Sediment Deposition: Yes, No
Evidence of Illicit Discharge: Yes, No
Maintenance Req'd: Bank Stabilization, Sediment Clean Out, Vegetation Clean Out, Inlet/Outlet Repair, None

Describe Maintenance Needs: ______________

Inlet Pipe #3 Location: ______________
Size: ______________ inches, Material: Concrete
Inlet Pipe Condition: Good, Satisfactory, Poor, Other: ______________
Evidence of Sediment Deposition: Yes, No
Evidence of Illicit Discharge: Yes, No
Maintenance Req'd: Bank Stabilization, Sediment Clean Out, Vegetation Clean Out, Inlet/Outlet Repair, None

Describe Maintenance Needs: ______________
**Outlet Structure**

<table>
<thead>
<tr>
<th>Location</th>
<th>Digital Photo ID:</th>
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</thead>
<tbody>
<tr>
<td>Diameter:</td>
<td>Height:</td>
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</table>

<table>
<thead>
<tr>
<th>Flow Control</th>
<th>Other:</th>
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<tbody>
<tr>
<td>10 Yr</td>
<td>100 Yr</td>
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<table>
<thead>
<tr>
<th>Treatment Control</th>
<th>Other:</th>
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<tbody>
<tr>
<td>None</td>
<td>First Flush</td>
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<table>
<thead>
<tr>
<th>Orifice Info</th>
<th>Location:</th>
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</thead>
<tbody>
<tr>
<td># of Holes:</td>
<td>Size:</td>
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</table>

| Discharges to: |

<table>
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<tr>
<th>Outlet Structure Condition</th>
<th>Other:</th>
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</thead>
<tbody>
<tr>
<td>Good</td>
<td>Satisfactory</td>
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| Maintenance Required: |

**Secondary Overflow**

<table>
<thead>
<tr>
<th>Digital Photo ID:</th>
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<table>
<thead>
<tr>
<th>Type</th>
<th>OTHER:</th>
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<tbody>
<tr>
<td>EMBANKMENT</td>
<td>RISER</td>
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</table>

<table>
<thead>
<tr>
<th>Secondary Overflow Condition</th>
<th>Other:</th>
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</thead>
<tbody>
<tr>
<td>Good</td>
<td>Satisfactory</td>
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| Maintenance Required: |

**Bank Condition**

<table>
<thead>
<tr>
<th>Digital Photo ID:</th>
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<table>
<thead>
<tr>
<th>Location:</th>
<th>North</th>
<th>South</th>
<th>East</th>
<th>West</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetative Cover:</td>
<td>%</td>
<td>Condition: Good</td>
<td>Satisfactory</td>
<td>Poor</td>
</tr>
<tr>
<td>Bank Erosion:</td>
<td>Yes</td>
<td>No</td>
<td>Size of Erosion Area:</td>
<td></td>
</tr>
</tbody>
</table>

| Apparent Cause of Erosion: |
| Bank Sideslope: |
| 1:1 | 2:1 | 3:1 | 4:1 | 5:1 | OTHER: |

| Maintenance Required: |

<table>
<thead>
<tr>
<th>Location:</th>
<th>North</th>
<th>South</th>
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<th>West</th>
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<tr>
<td>Vegetative Cover:</td>
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<td>Condition: Good</td>
<td>Satisfactory</td>
<td>Poor</td>
</tr>
<tr>
<td>Bank Erosion:</td>
<td>Yes</td>
<td>No</td>
<td>Size of Erosion Area:</td>
<td></td>
</tr>
</tbody>
</table>

| Apparent Cause of Erosion: |
| Bank Sideslope: |
| 1:1 | 2:1 | 3:1 | 4:1 | 5:1 | OTHER: |

| Maintenance Required: |

<table>
<thead>
<tr>
<th>Location:</th>
<th>North</th>
<th>South</th>
<th>East</th>
<th>West</th>
</tr>
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<tbody>
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<td>Satisfactory</td>
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</tr>
<tr>
<td>Bank Erosion:</td>
<td>Yes</td>
<td>No</td>
<td>Size of Erosion Area:</td>
<td></td>
</tr>
</tbody>
</table>

| Apparent Cause of Erosion: |
| Bank Sideslope: |
| 1:1 | 2:1 | 3:1 | 4:1 | 5:1 | OTHER: |
DETENTION BASIN INSPECTION FORM  
CITY of NOVI STORMWATER STUDY  
0163-06-0601

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<td>Bank Erosion:</td>
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<td>No</td>
<td>Size of Erosion Area:</td>
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<td></td>
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Apparent Cause of Erosion: ____________________________________________

Bank Sideslope: 1:1 2:1 3:1 4:1 5:1 OTHER: ____________________________

Maintenance Required: ____________________________________________

**Bottom Conditions**  

<table>
<thead>
<tr>
<th>Depth of Sediment:</th>
<th>Vegetation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debris:</td>
<td></td>
</tr>
</tbody>
</table>

Maintenance Required: ____________________________________________

**Water Surface**  

<table>
<thead>
<tr>
<th>Color:</th>
<th>Oil/Grease Sheen:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debris:</td>
<td>Vegetation:</td>
</tr>
</tbody>
</table>

Maintenance Required: ____________________________________________

**General Comments:**  

- heayly vegetated wetland.
- Could see standing water from distance only b/c of heavy veg.
- Could not located outlet b/c of heavy vegetation
- Very stable system.

ECT, Inc.

Orchard, Hiltz McElriment, Inc.
DETENTION BASIN INSPECTION FORM
CITY of NOVI STORMWATER STUDY
0163-06-0601

Location Description: 

Basin Name: James Green (12)

Type of Development: Residential Commercial Industrial Other 

Plans? Yes No 

Site Accessible? Yes No  

Current Weather Conditions? Sunny 

OHM Inspector: ET 

ECT Inspector: AV 

Date: 8-17-06 

Time: 9:00 

Temperature: 

BASIN INFORMATION

Type of Basin: Wet Dry Retention Only Wetland/Marsh 

Inlet Pipe #1 Location: 

Size: inches Material: Concrete Plastic CMP Other: 

Inlet Pipe Condition: Good Satisfactory Poor Other: 

Evidence of Sediment Deposition: Yes No 

Evidence of Illicit Discharge: Yes No 

Maintenance Req'd: Bank Stabilization Sediment Clean Out Vegetation Clean Out Inlet/Outlet Repair None 

Digital Photo ID: 

Inlet Pipe #2 Location: 

Size: inches Material: Concrete Plastic CMP Other: 

Inlet Pipe Condition: Good Satisfactory Poor Other: 

Evidence of Sediment Deposition: Yes No 

Evidence of Illicit Discharge: Yes No 

Maintenance Req'd: Bank Stabilization Sediment Clean Out Vegetation Clean Out Inlet/Outlet Repair None 

Digital Photo ID: 

Inlet Pipe #3 Location: 

Size: inches Material: Concrete Plastic CMP Other: 

Inlet Pipe Condition: Good Satisfactory Poor Other: 

Evidence of Sediment Deposition: Yes No 

Evidence of Illicit Discharge: Yes No 

Maintenance Req'd: Bank Stabilization Sediment Clean Out Vegetation Clean Out Inlet/Outlet Repair None 

Digital Photo ID: 

Describe Maintenance Needs: 

Orchard, Hiltz McClinton, Inc. 1 of 3