



City of Moline's 5-Year Private Detention Basin Inspection Report

(Dry weather conditions shall persist a minimum of 72hrs prior to an inspection)

Detention Basin Information

Date: _____

Date of Inspection: _____
(The Detention Basin Report shall be submitted within 60 days of the inspection)

Basin's ID Number: _____

GPS Coordinates: _____ ° ' . " N _____ ° ' . " W

Basin Location/Address: _____

Owner / Homeowner's Association Name: _____

Owners Address: _____
(The President's address shall be used for Homeowner Associations or a P.O Box #)

Check if address is the same as the basin:

Owner's Phone #: _____ Owner's Email Address: _____

Name of the Facility's Maintainer: _____

Phone #: _____ Email Address: _____

Detention Basin Storage Capacity

Type of Storm Water Facility: _____

Reference Benchmark Location and Elevation: _____

Design Storage Volume: _____

Current onsite Storage Volume: _____

Release Rate

Storm Event	Pre-Development	Plan Design	Current Site Design <small>(Generally Meets the Standards)</small>		Comments
5 Year			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
10 Year			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
25 Year			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
50 Year			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
100 Year			<input type="checkbox"/> Yes	<input type="checkbox"/> No	

Is the Water Quality Volume Standard Met: Yes No, Explain: _____

Basin's Features

Design Outlet Structure Type and Dimensions

Type: _____ Dimensions: _____

Number of Orifices: _____ Orifice(s) /Weir Elevation: _____
(Center of the orifice / bottom the weir)

Structure Designed w/Emergency Overflow: Yes No Emergency Overflow Orifice Size: _____

Elevation of Emergency Overflow: _____ Emergency Overflow is a FES

Number of Outlet Flared End Sections /Pipes: _____

Primary Pipe size: _____ Primary Pipe Elevation: _____

Secondary Pipe Size: _____ Third Pipe Size: _____

Secondary Pipe Elevation: _____ Third Pipe Elevation: _____

Design Secondary outlet Structure

Type: _____ Dimensions: _____

Number of Orifices: _____ Orifice(s) /Weir Elevation: _____

Structure Designed w/Emergency Overflow: Yes No Emergency Overflow Orifice Size: _____

Elevation of Emergency Overflow: _____ Emergency Overflow is a FES

As-Built Outlet Structure Type and Dimensions

Type: _____ Dimensions: _____

Number of Orifices: _____ Orifice(s) /Weir Elevation: _____
(Center of the orifice / bottom the weir)

Emergency Overflow Orifice Size: _____ Emergency Overflow is a FES

Number of Flared End Sections Pipes: _____ Primary Pipe size: _____

Primary Pipe size: _____ Primary Pipe Elevation: _____

Secondary Pipe Size: _____ Third Pipe Size: _____

Secondary Pipe Elevation: _____ Third Pipe Elevation: _____

As-Built Secondary outlet Structure Type and Dimensions

Type: _____ Dimensions: _____

Number of Orifices: _____ Orifice(s) /Weir Elevation: _____

Structure Designed w/Emergency Overflow: Yes No

Emergency Overflow Orifice Size: _____ Elevation of Emergency Overflow: _____

Does the 100 Year and 24hr storm properly discharge: Yes No

If no, explain: _____

Design Spillway Dimensions

Designed w/Spillway: Yes No

Length: _____ Depth: _____ Elevation: _____

Directional Location: _____ Stabilization Type: _____

As-Built Spillway Dimensions

Length: _____ Depth: _____ Elevation: _____

Directional Location: _____ Stabilization Type: _____

Is the spillway causing erosion? _____

Sub-Drainage System

Is the basin designed with a sub-drain system? _____

Is the sub-drain system appear to be installed and functional? _____

Sub-Drain System Discharge Point: _____

Other Features/Practices/Conditions

Is the storm water drainage system (pipes, catch basin outlets, etc.) constructed in accordance to the plans? _____

Has accumulated sediment been removed from the facility and/or its features (pipes, inlets. etc.)? _____

Are energy dissipaters installed as accordance to the plan? _____

Are energy dissipaters free of sediment, trash debris, and trees/brush? _____

Are there trees within the facility affecting its volume storage? _____

Is the facility properly stabilized as accordance to its design plan? _____

Are there sinkholes/burrows within the facility? _____

If a Dry-Detention Basin; is ponding water or soggy conditions present? _____

Is a substantial amount of debris or trash present? _____

Are there any unusual or obnoxious odors? _____

Is the facility being indirectly negatively affected by measures/ outside of its scope? _____

