

Detention/Retention Facility Compliance Report

NOTE: All Information Must Be Submitted Electronically In The City's Access Database. Survey Information Must Be Submitted In An ESRI Personal Geodatabase Or Shapefile Using State Plane NAD 27 Coordinates. Please comment on the Physical condition of the Pond

1/4 Section		Town		North		Range		East
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Nearest Intersection: _____

Subdivision / Business Name: _____

Owner's Representative	Name		Pond I.D.	
	Address		Year Approved	
			Year Constructed	
	Phone		Year Last Certified	

Compliance Report by: _____

Certifying Professional	Name		Field Inspector Initials	
	Address		Date Inspected	
			Date Certified	
	Phone		File No.	

	Approved	Actual	Compliant (Y/N)	Comments
Design Storm (yr)				
NWL				
DHWL				
Emergency Spillway El.				
Area @ NWL (ac)/(ft ²)				
Area @ DHWL (ac)/(ft ²)				
Design Storage (ft ³)				
Design Discharge (cfs)				
Bottom Elevation				
Average Depth (ft)				
Wet Volume (ft ³)				

Basin Outlet Structure (check one) Multi-stage Single-stage

Primary Outlet	Approved	Actual	Compliant (Y/N)	Comments
Opening diameter (in)				
Upstream Invert				
Downstream Invert				
Outlet length (ft)				
Outlet Slope (%)				

Secondary Outlet	Approved	Actual	Compliant (Y/N)	Comments
Opening diameter (in)				
Upstream Invert				
Downstream Invert				
Outlet length (ft)				
Outlet Slope (%)				

Certification Summary

Compliant (check one) YES NO

Next Certification required before _____

Date:	Signature:
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Detention/Retention Facility Field Inspection Report

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Live Storage Properties	Points Shot	Survey Equipment Description
NWL		
Area at NWL (ac)/(ft ²)		
DHWL/OUTFALL		
Area at DHWL (ac)/(ft ²)		
Live Storage Volume (ft ³)		
Date of Field Inspection:		

Wet Storage Properties	Points Shot	Survey Equipment Description
Max. Bottom Elevation		
Avg. Pond Bottom Elevation		
Pond Bottom Area (ac)/(ft ²)		
Max. Pond Depth (ft)		
Avg. Pond Depth (ft)		
NWL		
Area at NWL (ac)/(ft ²)		
Wet Storage Volume (ft ³)		
Date of Field Inspection:		

Volume of Live and Wet Storage computed as follows: $V = ((A1+A2)/2)(\Delta\text{elev.})$
Δelev = elevation difference between sections, A1=area of bottom section, A2=area of top section

For live storage use: Δelevation NWL-DHWL, A1= area at NWL in acres, A2=area at DHWL in acres
 For wet storage use: Δelevation Bottom-NWL, A1= area pond bottom in acres, A2=area at NWL in acres

<p>Outlet Sketch</p> <div style="border: 1px solid black; height: 300px; width: 100%;"></div>	<p style="text-align: center;">Photo of Pond - General View</p> <p>Date of Photo:</p> <div style="border: 1px solid black; height: 150px; width: 100%;"></div> <p style="text-align: center;">Photo of Outlet - Detail View</p> <p>Date of Photo:</p> <div style="border: 1px solid black; height: 150px; width: 100%;"></div>						
<p>Survey Benchmark</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Location</td> <td></td> </tr> <tr> <td>Description</td> <td></td> </tr> <tr> <td>Elevation</td> <td></td> </tr> </table>		Location		Description		Elevation	
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