

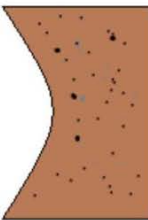
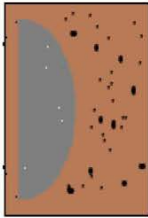
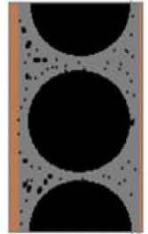
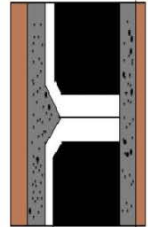
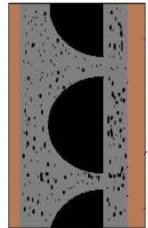
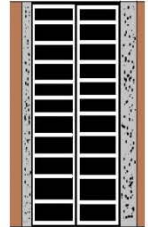


**Fort Wayne  
City Utilities  
Design Standard  
Manual**

**Exhibit MA5-2  
Common Stormwater Storage Systems**

Created: November 2012

Revised:

|                               |  |  |  |  |  |  |
|-------------------------------|---|---|---|--|---|---|
|                               | <b>Open Pond</b>  | <b>French Drain</b>   | <b>Pipe</b>   | <b>Concrete Vault</b>  | <b>Arched Chamber</b>   | <b>Plastic Modules</b>  |
| <b>Approximant Void Space</b> | 100%  | 25-40%  | 62%   | 85%  | 57%   | 97%   |
| <b>Surface Area Required</b>  | No usable space   | Large footprint   | Medium footprint  | Small footprint  | Large footprint   | Small footprint   |
| <b>Strength</b>               | Not applicable  | Not applicable  | H-20  | H-25   | H-20  | Hs-25   |
| <b>Cleanability</b>           | Some difficulty   | Re-install  | Some difficulty   | Easy   | Difficult   | Easy  |
| <b>Installed Cost</b>         | Low   | Low   | Medium  | High   | Medium  | Medium  |