SMALL POND APPROVAL

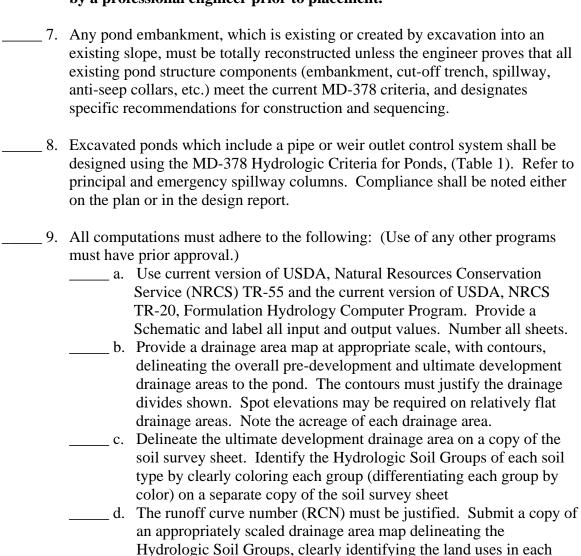
Guidelines & Checklist

SMALL POND APPROVAL GUIDELINES

The following items must be addressed when preparing the pond design and must be clearly shown in the plans and/or computations. Include a copy of this checklist with the plan sheet and/or computation booklet page to indicate compliance by referencing the location of the information by number noted beside each checklist item.

1.	The pond plans and computations submitted for review and approval by the
	St. Mary's Soil Conservation District (District) must adhere to the current USDA, Natural Resources Conservation Service, Maryland Conservation Practice Standard Pond, Code 378 (MD-378). District approval will be required for all hazard class "a" ponds unless otherwise excluded in MD-378, Section entitled "Conditions Where Practice Applies". Some class "a" ponds may need permits from the Maryland Department of the Environment, Dam Safety Division instead of District Small Pond Approval.
2.	For District review, the dam must be a class "A" structure and not be greater than 20 feet in height measured from the top of the dam to the lowest point on the upstream toe of the dam. Justification for an exemption from the small pond permit requirement must be included as applicable. Please reference the basis for exemption and show supporting data.
3.	Provide a dam breach analysis for District review, the pond must be a class "A" as determined by potential hazard from failure. This determination must be made using the existing and ultimate development of the downstream area from the pond that will be affected by a possible dam breach. The pond classification must be stated on the plans and must be clearly documented and justified in the report. A reiteration of the Class "A" is not acceptable. Danger reach study (dam breach study) as per USDA, NRCS TR-66.
4.	Complete and submit Pond Summary Sheet (MD-ENG-14), Small Pond Permit Application, and Operation and Maintenance Plan for each pond.
5.	Place a copy of the completed Pond Summary Sheet, the Design Certification, and the As-Built Certification directly on the plans. All of these items must be completed prior to District approval with the exception of the As-Built Certification which is to be completed after the as-built plans have been developed. The minimum requirements of an acceptable as-built are outlined in APPENDIX # 1 and should be followed by the engineer responsible for preparing the as-builts as required by the Small Pond Approval Letter.
6.	A soils report is required. The information in the report shall address MD-378, "Soil Investigations". The soils shall be identified according to the Unified Soil Classification System. At a minimum, the soils report must include

information along the centerline of the proposed embankment (especially at the lowest point), in the emergency spillway location and on-site borrow areas. The soil boring locations and the on-site borrow areas should be clearly designated. Earth fill shall be free of roots, stumps, wood, rubbish, stones greater than 6 inches, and frozen or other objectionable materials. Fill material for the center of the embankment (embankments impervious core) and cut-off trench shall conform to the Unified Soil Classification System CH or CL. GC and SC materials may be used provided that at least 30 percent of the material passes the #200 sieve. Other materials will only be considered with the specific recommendation of a registered GeoTech Engineer. The center of the embankment (embankment impervious core) must extend up to the 10 year design storm elevation. If borrow material is from off-site, place the following note on the plans: "Fill material for the core trench and the embankment will be taken from an off site borrow area. The fill material must be certified as meeting NRCS, MD-378 Pond Specifications for Fill Material by a professional engineer prior to placement."



	Hydrologic Soil Group. Note the acreage in each drainage area for each Hydrologic Soil Group. The consultant should prove that the cut and fill for the proposed development will not alter any Hydrologic Soil Group. Downgrade the Hydrologic Soil Groups A
e.	and B to B and C, respectively, for the 100 year storm routings. When time of concentration is computed, clearly show the travel time reaches on the scaled drainers area man. Provide computations
	time reaches on the scaled drainage area map. Provide computations to justify the velocities used for channel and pipe flow reaches.
f.	An adequate state discharge table must be provided which takes into
	account all flow conditions. An example format is provided.
	Provide equations with references, and show all variables.
	Flow capacities must be computed at a minimum of 0.2
	foot increments.
	The table must be legible.
	Each riser discharge component (i.e., low flow openings,
	low flow orifices, openings on top of riser, etc.) must
	have two columns. One column must show the discharge
	value and the other must show the hydraulic head (H)
	which was used to compute it. Each riser component must be analyzed for weir and
	orifice flow to prove which flow condition governs.
	Inlet control and outlet control columns must be provided
	for the spillway barrel.
	The barrel discharge must be analyzed by using the total
	discharge from the riser components and computing the
	controlling head.
	The controlling head (inlet or outlet) for the barrel will
	correspond to an elevation inside the riser. Therefore,
	include a column for the water surface inside the riser.
	If this water surface elevation has an affect on the riser discharge components, the values must be adjusted.
	The outlet control calculations for the barrel must account
	for tailwater during the 100 year frequency, 24 hour
	duration, NRCS Type II distribution rainfall.
	Measure the "H" value from the tailwater elevation or the
	centerline of the outlet pipe (whichever is greater).
	If the outlet is connected to an existing storm drain system
	(or is to be connected in the future) at a particular
	junction, measure the "H" value from the 100 year
	hydraulic gradient at that junction.
g.	Analyze the riser for flotation assuming all orifices and pipes are
	plugged. The factor of safety against flotation shall be 1.2 or greater. The flotation analysis must assume the entire riser and riser
	base as submerged.
	ouse as submerged.
) Provido o	staga storaga tahla

_____ 10. Provide a stage storage table.

11. Perform a "worst case" ultimate 100 year storm routing under the following
assumptions:
- Assume ultimate zoning land use;
- Include any and all drainage area on site or off site which could flow into the pond;
- Ignore the presence of any riser opening with smallest dimension
less than or equal to six inches;
 Ignore the presence of any opening that does not have a trash rack or a trash rack that does not meet the MD-378 Specifications.
- 100 year worst case routing must not overtop the embankment.
- Begin discharge and storage values at the crest of the lowest opening. The lowest opening cannot be an opening that is being ignored as mentioned above.
12. Provide seepage control (see MD-378 for design methodology): Anti-seep
collar design computations (if applicable) or Filter-Drainage Diaphragm (see APPENDIX POND #8 for design example).
13. The current MD-378 Construction Specifications must be shown on the plans.
Any additional construction specifications must be shown adjacent to, but separate from, the MD-378 Construction Specifications.
14. Topographic data is to be sufficiently adequate to show conditions of the site and adjacent properties. The topographic data must be provided at a minimum of 100 feet downstream of the barrel outlet to a stable outfall. Show the outlet peak velocities and peak discharges at outfalls for the 10 year and the 100 year frequency, 24 hour duration, NRCS Type II distribution rainfall. The outfall pad must be sized for maximum flow occurring at the outfall during the 100 year storm event. Show the downstream 100-year storm event elevation. Contours are to be adequately labeled and easily identified (spot elevations are to be shown). Existing and/or proposed improvements (i.e., buildings, walls, parking lots, roads, etc.) in the immediate vicinity and downstream of the proposed pond are to be shown.
15. The pond construction is to be included in the overall sequence of construction; and if applicable, shall depict the best methods to divert the existing watercourse with the least disturbance, during installation of the principal spillway structure and embankment. The diversion method chosen must be designed for the 2 year frequency storm.
Specifically, note the installation of the following items in the sequence of construction. 1) clearing, stripping, and stockpiling of topsoil; 2) construction

of the cut-off trench; 3) spillway installation; 4) embankment construction;

and 5) borrow area excavation.

Note in the sequence that all materials for the pond (i.e., riser, barrel, anti-seep collars, etc.) must be on site prior to commencement of work.

If applicable, the sequence must describe the method of plugging and unplugging the low flow orifice.

The construction sequence must state how the pond will be dewatered during the grading of the pond bottom. Provide an adequate dewatering detail (i.e., sump pit).

If the pond is to be used temporarily as a sediment basin for a separate sediment control plan, then the construction sequence of the pond must be properly coordinated with the other sediment control plan construction sequence. Include the material removal and restoration of the basin area.

b	pecific details and notes must be provided for all structures (i.e., riser, riser ase, trash racks, etc.) Provide a specific detail of the trash rack fasteners. The all thickness for all concrete pipe must be factored in the component design.
re W as Sa ai	Il concrete spillway structures are to be poured in place. All steel inforcement must be specified. Computations demonstrating that structure ill not overturn or float must be provided. An analysis of a riser for flotation suming all orifices and pipes are plugged must be provided. The factor of afety against overturning and flotation shall be 1.2 or greater. The flotation halysis must assume the entire riser and riser base as submerged. The total alculated volume multiplied by 62.4 lbs/cf equals the uplift force.
18. T	he plan view of pond must show:
	a. Plan view at a scale of $1' = 40'$ or less (i.e., $1'' = 30'$, $1'' = 20'$ are
	acceptable).
_	b. Existing and final contours must be clearly labeled utilizing 2 foot
	intervals.
_	c. Locations of soil borings with borings clearly labeled. Minimum
	soil boring locations will be at the centerline of the embankment,
	principal spillway and borrow area.
_	d. Outfall protection at points of concentrated flows into pond and low
	flow channels (detail required).
_	e. Areas to be sodded or stabilized with matting.
_	f. Emergency spillway and outlet channel (designed according to
	current USDA, NRCS, Engineering Field Manual)
_	g. Pond bottom dimensions.
_	h. Fence.
	i. Stations.

	a. Top of dam elevations (settled and constructed).
	b. Location of emergency and principal spillways.
	c. Existing ground (show original ground if area contains fill).
	d. Top of impervious core (center of embankment).
	e. Bottom of cutoff trench.
	f. Storm peak elevations (2 year, 10 year, 100 year and 100 year worst
	case.
	g. Show log and location of soil boring.
20. Pro	vide a cross-section of dam through principal spillway that includes:
	a. Existing ground (show original ground if area contains fill).
	b. Proposed ground surface (settled and constructed top of dam).
	c. The combined upstream and downstream side slopes of the settled
	embankment shall not be less than five horizontal to one vertical
	(5:1) with neither slope steeper than 2:1.
	d. Top width of dam, meeting or exceeding the MD-378 criteria.
	e. Cut-off trench with designed bottom width (4 foot minimum) and
	impervious core (center of embankment), both with side slopes of
	1:1. In excavated areas, the four foot minimum depth is generally
	measured from bottom of pond.
	f. Trash racks (details must meet MD-378 criteria). Project 8 inches
	minimum outward, extend 8 inches minimum below weir crest; and
	must be attached to riser with galvanized or stainless steel bolts.
	Minimum spacing on trash rack bars must be 6 inches clear space
	(not on center). The plans should clearly state that "the trash rack
	must be hot dipped galvanized after fabrication".
	g. Anti-vortex device if necessary.
	h. Riser base length, width, thickness, and gauge (if metal). Concrete
	risers are to be poured in place. Remove references to any
	standard details that are not shown on plans.
	i. Orifice or similar structure (indicate size).
	i. Office of similar structure (indicate size)i. Pipe must be round. Indicate inside diameter, lengths, slope, type of
	material, gauge, joint locations, corrugation, etc. Note that pipe, if
	concrete, be ASTM C-361 and designate class. Show spigot
	section of principal spillway pipe from riser structure. First joint is to be within 4 feet of riser.
	k. Watertight connection detail.
	1. Phreatic line (4:1 slope) is measured from normal pool or the 10
	year storm elevation (indicate saturated length).
	m. Anti-seep collars (detail required). Indicate size, spacing and
	location of pipe and provide detail (if applicable).
	n. Bedding (detail must meet MD-378).
	o. Emergency spillway crest.
	p. Outlet protection sized according to the 100 year storm discharge
	rate. Outlet protection must meet the current Maryland Standards
	and Specifications for Soil Erosion and Sediment Control.

(1). D50 and D max riprap size.
(2). Length, width and thickness. Show on plan view and
cross sections.
(3). Filter cloth.
(4). Extend profile of outlet to stable outfall.
(5). All metal pipes shall be aluminum or luminized CMP.
q. Elevations shown must include:
q. Elevations shown must include (1). Top of dam (provide freeboard according to the current
MD-378 and measure it from the 100 year storm routing).
(2). Crest of emergency spillway.
(2). Crest of emergency spinway. (3). Crest of riser and other openings.
(4). Storm peak elevations (2 year, 10 year, 100 year and 100
year worst case).
(5). Top of impervious core (center of embankment).
(6). Top and bottom of riser.
(0). Top and bottom of riser. (7). Bottom of cut-off trench.
(8). Inlet and outlet inverts of pipe.
(s). Thet and outlet inverts of pipe(9). Show the constructed and settled elevations on the top of
embankment (if applicable).
r. Filter Diaphragm. [SEE APPENDIX].
1. Pitter Diaphragin. [SEE All FENDIA].
21. Emergency Spillway - Computations and Design Requirements:
a. Capacity of principal spillway sized according to MD-378
requirements.
b. Design by USDA, NRCS procedures (i.e., Current Engineering
Field Manual).
c. Excavated earth spillways must be located in undisturbed earth.
(Spillways are not permitted in fill)
d. Profile must show:
(1). Existing ground (extend to a minimum of 100 feet below
end of the exit channel).
(2). Inlet control and outlet sections.
(3). Slopes.
(4). Design discharges and velocities.
(5). Method of spillway stabilization, note leveling sections of
emergency spillways are not generally rock lined.
e. Cross-section of spillway must be provided.
22. If applicable, provide details for the following:
a. Concrete bedding/cradle.
b. Anti-seep collar. The required anti-seep collar projection must be
measured from the outside edge of the concrete cradle.
c. Coupling bands.
d. Trench cross-section for installing barrel spillway for excavated
ponds. Trench must have 2:1 slopes and a bottom width equal to
diameter of pipe plus 4 feet.
e. Riser steel reinforcement requirements (concrete). The riser detail
must show the required steel reinforcement and exactly how it is to
be joined to the barrel. The connections are to be watertight. All

details for the barrel and riser must be shown directly on the plans in lieu of reference. 23. Outfall Study: _____ a. Cross-sections at critical points (in improved and existing channel or b. Post flow rates and velocities, for 10 and 100 year storms, must be shown up to 100 feet downstream of outfall or as required by the District. ____ c. Soil profiles at cross-section. _____ d. Existing vegetation and condition. e. Danger reach study (dam breach study) using USDA, NRCS TR-66. f. Supplementary photographs can be provided. g. All downstream information must be identified such as future zoning, possible structures and roads, etc. 24. Landscaped Plan. a. Provide a copy of landscaped plan. - No trees or shrubs allowed on embankment. Also, a 15 foot wide grass strip from the toe of the embankment slope should be provided. Revise landscape plans accordingly. - Minimum 50' radius around the inlet structure shall be kept free of woody vegetation. 25. Topsoiling specifications must be placed on the plans. 26. Pond reconstruction, repairs and modifications: a. An assessment of the condition of the embankment and principal spillway structure must be made. Items included in this assessment must include pipe corrosion, water tightness of pipe joints, settlement, pipe alignment, etc. Specify the shell material for the embankment. Include the topsoil specifications (from the 1994 Standards and Specifications) on the plan. Compile the stage discharge information on one table. b. Place a note on the plans that no field welding of the trash rack will be permitted. 27. Stage Discharge Table [SEE APPENDIX]. 28. If seeking an exemption to Small Pond Approval provide the justification directly on the design plans.

SMALL POND APPROVAL APPENDIX

SMALL POND AS-BUILT CHECKLIST

A.	Metho	od:	
		1.	The minimum information shall be shown in red on a copy of the
			approved plans.
		2.	A check mark must be made beside planned values if they were the
			constructed values. For changed values, line out the planned value
			and enter the actual value. Elevations to the nearest 0.1 foot are
			sufficient.
		3.	A check mark must be made next to each constructed pond
			component (i.e., core trench, trash racks, anti-seep collar, etc.).
		4.	Revised computations are required to address deviations from
			approved design.
B.	Minin		nation Required:
		1.	A profile of the top of dam. Show constructed core trench and
			spillways.
			A cross-section of the emergency spillway at the control section.
			A profile along the center line of the emergency spillway.
		4.	A profile along the center line of the principal spillway extending at
			least 100 feet downstream of the fill. Show constructed core trench.
			The elevation of the principal spillway crest.
		6.	The elevation of the principal spillway conduit invert (inlet and
		_	outlet).
			The diameter, length and type of material for the riser.
			The diameter, length and type of material for the conduit.
		9.	The size and type of anti-vortex and trash rack device and its
		10	elevations in relation to the principal spillway crest.
			The number, size and location of the anti-seep collars.
			The diameter and size of any low stage orifices or drain pipes.
		12.	Show the length, width and depth or contours of the pool area so that
		12	design volume can be verified.
		13.	Notes, measurements and elevations to show that any special design
		1.4	features were met.
			Statement on seeding and fencing.
			Notes on site clean-up and disposal. A certification statement and seal by a professional engineer that the
		10.	as-built is accurate and complete and that the pond, as constructed,
			meets the requirements of the Standards and Specifications for
			Ponds (APPENDIX POND #3).
		17	No trees allowed on the embankment.
			The emergency spillway exit slope may be 1 - 2% steeper, but not
		10.	flatter nor less narrow than the design.
		19	The top of fill elevation must be no less than the design elevation
			plus the allowance for settlement.
		20	The top width and side slopes must be equal to or flatter than the

design.	
21. There must be a proper relation between the elevations of the	
principal spillway crest, the emergency spillway crest and the to	p of
dam. All of these elevations should be greater than or equal to the	ne
design elevations.	
22. The structure must have an acceptable outlet as provided in the	
plans.	
23. All as-built elevations must be noted next to the design elevation	ıs.

POND DESIGN CERTIFICATION

I CERTIFY THAT THIS DESIGN PLAN FOR THE CONSTRUCTION OF THE EMBANKMENT AND/OR EXCAVATED POND(S) REPRESENTS A HAZARD CLASS "A" POND(S) AND WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE USDA, NATURAL RESOURCES CONSERVATION SERVICE - MARYLAND STANDARDS AND SPECIFICATIONS FOR PONDS, (MD-378). I HAVE REVIEWED THIS PLAN WITH THE OWNER/DEVELOPER.

PHONE #
SEAL
Signature
Date

AS-BUILT CERTIFICATION FOR POND NUMBER (S) _____

(Note, the following as-built certification is not to be executed until the pond has been completed.)

I CERTIFY THAT THIS AS-BUILT IS ACCURATE AND COMPLETE AND THE POND(S) AS CONSTRUCTED MEETS THE REQUIREMENTS OF THE USDA, NATURAL RESOURCES CONSERVATION SERVICE MARYLAND STANDARDS AND SPECIFICATIONS FOR PONDS (MD-378). ANY POND DESIGN COMPONENTS NOT IDENTIFIED WITH AS-BUILT NOTATIONS WERE CONSTRUCTED AS PER THE APPROVED POND DESIGN.

SIGNATURENAME (PRINTED)ADDRESS		
MD LICENSE #		SEAL
	_	Signature
		Date

FILTER – DRAINAGE DIAPHRAGMS

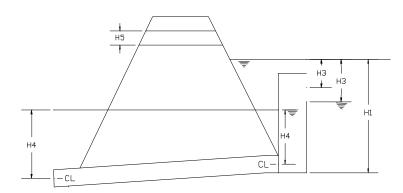
Filter-drainage diaphragms consist of sand or a sand/gravel mixture that is installed around the principal spillway barrel. The design gradation of the diaphragm is based on the gradations of the backfill material around the pipe and the foundation material at the diaphragm location. Fine aggregate concrete sand (ASTM C-33) is generally suitable for filter-drainage diaphragms.

The drain material must be coarse enough to drain off seepage, but it also must be fine enough so that any soil particles being carried by the seepage are trapped at the upstream edge of the diaphragm. Use acceptable USDA, NRCS design methodology.

WATER ELEV IN POND	WATER ELEV IN RISER	LOWER OPENING WEIR FLOW		LOW OPEN ORIFI FLOW	NING CE	RISE CRES WEIF FLOV	ST R	RISE CRES ORIF FLOV	ST ICE	BARREL Q4	HEAD REQUIR Q4 H4o FOR OUTLET H4i FOR	CTRL	EMERO SPILLW		TOTAL Q
	Corresponds to greater of H40 or H4i	H1w	Q1w	H1o	Q10	H3w	Q3w	H30	Q30	Q1+Q3 = Q4	INLET C H4o due to Q4	TRL H4i due to Q4	Н5	Q5	Q4 + Q5 = Q

NOTE:

- LIST ALL EQUATIONS, VARIABLES, ETC.
- ONCE THE WATER ELEVATION WITHIN THE RISER RISES ABOVE ANY ORIFICE OR WEIR, THE EFFECTS OF THE SUBMERGENCE MUST BE ANALYZED AND THE REDUCTION IN THE DISCHARGE MUST BE ACCOUNTED FOR.
- HEAD MUST BE MEASURED TO CENTERLINE OF PIPE OUTLET OR ACTUAL TAILWATER, WHICHEVER IS GREATER. THE "100 YEAR" HYDRAULIC GRADIENT CALCULATIONS ARE NEEDED IF OUTLET IS CONNECTED TO STORM DRAIN SYSTEM.



SMALL POND APPROVAL LETTER

TO:

PROJECT NAME and POND #:

This letter advises you that the St. Mary's Soil Conservation District has approved the plans and specifications for a SWM pond located at Maryland Coordinates $\underline{000,000}$ feet East and $\underline{000,000}$ feet North.

This approval is issued with the understanding that you will construct the pond in strict accordance with plans and specifications furnished by you. Variation from these plans and specifications without prior written approval by the St. Mary's Soil Conservation District or failure to submit an "As-Built" plan package as required, will be cause for the District to withdraw this letter of approval and notify the Water Management Administration, Dam Safety Division, of the Maryland Department of the Environment of the withdrawal of this letter of approval. This approval is issued under the following conditions:

- The approval is valid only for use by the owner/developer and may not be transferred to another unless written permission for such transfer is obtained from the District.
- The approval shall become null and void if the construction under the approval has not been initialized within three (3) years of the approval date.
- Construction shall be in strict accordance with Natural Resources Conservation Service criteria for pond construction and the terms of this approval. The location, dimensions and type of all structures, as well as an excavation or filling shall be in accordance with the aforementioned plans submitted by the owner/developer, unless written approval for any change is granted by the District.
- The pond shall be constructed under the supervision of a registered professional engineer. Within 30 days of the completion of construction, the owner/developer shall provide the District with an "As-Built" plan that meets the requirements of the St. Mary's Soil Conservation District "Small Pond Approval Guidelines". The "As-Built" plan shall be sealed by a registered professional engineer. The registered professional engineer shall certify that the pond was constructed in accordance with the approved plans and specifications. The pond construction shall at all times be in full conformance with the St. Mary's County Stormwater Management, Grading and Erosion and Sediment Control Ordinance. Any major change or deviation from the approved plans must be redesigned and the revised plans must be approved by the St. Mary's Soil Conservation District prior to the performance of work.
- The owner shall be responsible for operating and maintaining the pond in the approved completed condition so as to ensure proper functioning of the structure and protection of adjoining properties. (O&M plan is to be attached to this approval letter)
- If the dam is not constructed, operated, or maintained in full compliance with this approval the owner shall remove or repair all or any part of the structure at its sole cost and expense as may be directed by the Dam Safety Division or the District.

	Approved:	Date:	
cc:	Engineer MDE (Dam Safety Division) w/enclosures		
cc:	2		

PONDS EXEMPT FROM SOIL CONSERVATION DISTRICT SMALL POND APPROVAL

Pages 1 and 2 of the NRCS-MD 378 Pond Code Standards and Specifications for Small Pond Design (MD-378) describe the conditions for exemption from formal review by the local SCD. While not required to meet all conditions of MD-378, facilities that are exempt shall be approved by the appropriate authority and conform to the following minimum design and construction criteria:

- 1. Design for a stable outfall using the ten-year design storm (or two year design storm if the pond is an off-line structure providing water quality storage only).
- 2. Dams shall meet class "a" dam safety hazard classification,
- 3. Principal spillway/riser shall provide anti-floatation, anti-vortex, and trash-rack designs.
- 4. One (1) foot of freeboard shall be provided above the design high water for the 10 year storm.
- 5. Material and construction specifications for the principal spillway shall be in accordance with MD-378 code.
- 6. Material and construction specifications for the embankment shall be in accordance with MD-378 code, except that fill material for the embankment shall conform to Unified Soil Classification GC, SC, SM, MH, ML, CH, or CL, and no cutoff trench is required.
- 7. Woody vegetation is prohibited on the embankment.

PONDS REQUIRING REVIEW AND APPROVAL BY THE MDE DAM SAFETY DIVISION

- 1. The proposed embankment is twenty feet or greater in height from the upstream toe to the top of dam; or
- 2. The contributing drainage area is a square mile (640 acres) or greater; or
- 3. The structure is classified as "high" or "intermediate" class "b", or class "c" hazard pond.

5/20/2009

FOR ACCESSING THE USDA NRCS MARYLAND CONSERVATION PRACTICE STANDARD POND CODE 378 "MD378 STANDARDS AND SPECIFICATIONS"

VISIT USDA, NRCS WEBSITE

AT

http://www.nrcs.usda.gov/technical/efotg/

- Scroll down to US map and click on the State of Maryland location.
- Then click on the County location.
- Go to the eFOTG search menu on left hand side of web page and enter "MD378"

OR

st.marysscd.com

