

Cameron Pond Permit

DIVISION OF WATER QUALITY

PROJECT DESIGN DATA SHEET

Project Name:	Cameron Regional Pond	
Permit Number:	SW8 951208 Modification	
Location:	New Hanover County	
Applicant:	Mr. Jabe V. Hardee, Vice President	
Mailing Address:	Independence Retention Facility, Inc. and BBC Family Limited Partnership PO Box 3649 Wilmington, NC 28406	
Application Date:	July 26, 1999	
Water Body Receiving Stormwater Runoff:	Hewletts Creek (CFR 18-87-26)	
Classification of Water Body:	"SA"	
If Class SA, chloride sampling result:	13.8 ppm	
Pond Depth, feet:	7	
	PHASE 1	TOTAL BUILD OUT
Permanent Pool Elevation, FMSL:	36	36
Total Impervious Surfaces, ft ² :	64.7 acres	133.4 acres
Offsite Area entering Pond, ft ² :	20.6 acres	20.6 acres
Required Surface Area, ft ² :	102,471	415,650
Provided Surface Area, ft ² :	198,880	416,152
Required Storage Volume, ft ³ :	166,584	472,844
Provided Storage Volume, ft ³ :	248,550	512,582
Temporary Storage Elevation, FMSL:	37.2	37.2
Controlling Orifice:	6" Diameter pipe	10" Diameter pipe