

DAM SAFETY INSPECTION REPORT

NAME CARE FREE PLT. 1970 ASH POND		COUNTY CHATHAM	NO. 077	INSPECTED BY JTH/AR	DATE 2-21-14
OWNER DUKE PROGRESS		ADDRESS FILE			PHONE FILE
TYPE DAM ☒ Embankment ☐ Concrete gravity ☐ Concrete arch ☐ Other ☐ Concrete buttress ☐ Stone masonry		TYPE INSPECTION ☐ Initial ☐ Followup ☒ Periodic ☐ Other		SITE CONDITIONS ☐ Dry ☐ Snowcover ☒ Wet ☐ Other	
HAZARD DESCRIPTION RIVER NEARBY / MATERIAL COMPOSITION				HAZARD CLASS ☐ Low (A) ☐ Intermediate (B) ☒ High (C)	
REMARKS - CONTINUES TO APPEAR STABLE. CONTINUE MONITORING & APPROPRIATE ENG. ASSOC. w/ DECOMM. PROCESS. CONTINUE CUTTING WOODY VEG. @ OLD SPILLWAY				ACTION ☐ None ☐ Maintenance ☐ Monitoring ☐ Minor repair ☐ Engineering RECOMMENDATIONS ☒ Inspection letter ☐ Inspection by DSE ☐ Dam safety order ☐ Enforcement ☒ Periodic reinspection ☒ Other reinspection ☐ RE notice ☐ Engineering study ☐ Inspection by RE	
AREA		PROBLEMS		COMMENTS	
UPSTREAM SLOPE / FACE	☒ 1. None ☐ 11. Displaced rip rap ☐ 2. Trees ☐ 12. Cracks ☐ 3. High bushes ☐ 13. Undermining ☐ 4. Burrows ☐ 14. Holes ☐ 5. Wave erosion ☐ 15. Spalling ☐ 6. Livestock damage ☐ 16. Displaced joints ☐ 7. Slides ☐ 17. Deteriorated joints ☐ 8. Depressions ☐ 18. Exposed reinforcement ☐ 9. Bulges ☐ 19. Other ☐ 10. Sparse rip rap		COVER: ☒ Vegetation ☐ Rip rap ☐ Concrete ☐ Asphalt ☐ Other		DECOMM.
TOP OF DAM	☒ 1. None ☐ 11. Cracks ☐ 2. Trees ☐ 12. Spalling ☐ 3. High bushes ☐ 13. Deteriorated joints ☐ 4. Burrows ☐ 14. Displaced joints ☐ 5. Pits ☐ 15. Exposed reinforcement ☐ 6. Livestock damage ☐ 16. Other ☐ 7. Depressions ☐ 8. Unlevel ☐ 9. Misalignment ☐ 10. Has overtopped		COVER: ☒ Vegetation ☐ Gravel ☐ Concrete ☐ Asphalt ☒ Other		ACCESS RP.
DOWNSTREAM SLOPE / FACE	☐ 1. None ☐ 11. Seepage ☒ 2. Trees ☐ 12. Bolts ☐ 3. High bushes ☐ 13. Cracks ☒ 4. Burrows ☐ 14. Holes ☒ 5. Erosion ☐ 15. Spalling ☐ 6. Livestock damage ☐ 16. Displaced joints ☒ 7. Slides ☐ 17. Deteriorated joints ☒ 8. Depressions ☐ 18. Exposed reinforcement ☒ 9. Bulges ☐ 19. Other ☐ 10. Wetness		COVER: ☒ Vegetation ☐ Rip rap ☐ Concrete ☐ Other		
TOE CONTACT	☐ 1. None ☐ 11. Seepage ☐ 2. Trees ☐ 12. Bolts ☐ 3. High bushes ☐ 13. Cracks ☐ 4. Burrows ☐ 14. Holes ☒ 5. Erosion ☐ 15. Spalling ☐ 6. Livestock damage ☐ 16. Displaced joints ☐ 7. Slides ☐ 17. Deteriorated joints ☐ 8. Depressions ☐ 18. Exposed reinforcement ☐ 9. Bulges ☐ 19. Undermining ☐ 10. Wetness ☐ 20. Other		COVER: ☒ Vegetation ☐ Rip rap ☐ Concrete ☐ Other		

**1 - NO APPARENT PROBLEMS; MINOR
ROUTING IN ROADWAY NOTED.**

**2, 4, 5, 7, 8, 9 - SLOPE IRREGULARITIES ARE
LONG-STANDING w/ NO STRUCTURAL
DISTRESS INDICATED. ALL FEATURES
APPEAR STABLE AT THIS TIME.**

5 - MINOR; NOT PROBLEMATIC

AREA		PROBLEMS	COMMENTS
ADJUTANT CONTACTS	☒ 1. None ☐ 2. Trees ☐ 3. High bushes ☐ 4. Burrows ☐ 5. Erosion ☐ 6. Livestock damage ☐ 7. Slides ☐ 8. Depressions ☐ 9. Bulges ☐ 10. Wetness ☐ 11. Seepage ☐ 12. Bolls ☐ 13. Cracks ☐ 14. Holes ☐ 15. Spalling ☐ 16. Displaced joints ☐ 17. Deteriorated joints ☐ 18. Exposed reinforcement ☐ 19. Undermining ☐ 20. Other	COVER: ☒ Vegetation ☐ Rip rap ☐ Concrete ☐ Other	
PRINCIPAL SPILLWAY	☒ 1. None ☐ 2. No trashguard ☐ 3. Obstructed ☐ 4. Plugged ☐ 5. Rusted ☐ 6. Damaged ☐ 7. Gates leaking ☐ 8. Joints leaking ☐ 9. Cracks ☐ 10. Joint deterioration ☐ 11. Joint displacement ☐ 12. Undermined ☐ 13. Voids ☐ 14. Erosion ☐ 15. Holes ☐ 16. Conduit collapsed ☐ 17. Spalling ☐ 18. Outlet undercutting ☐ 19. Misalignment ☐ 20. Other	TYPE/SIZE: RISER/OUTLET PIPE (FIVE)	
		- CONTINUE REMOVAL OF WOODY VEG. NEAR OLD RISER - OUTLET DRY	
EMERGENCY SPILLWAY	☐ 1. None ☐ 2. No ES ☒ 3. Same as PS ☐ 4. Obstructed ☐ 5. Erosion ☐ 6. Displaced rip rap ☐ 7. Sparse rip rap ☐ 8. Joints leaking ☐ 9. Cracks ☐ 10. Joint deterioration ☐ 11. Joint displacement ☐ 12. Undermining ☐ 13. Voids ☐ 14. Holes ☐ 15. Exposed reinforcement ☐ 16. Spalling ☐ 17. Outlet erosion ☐ 18. Misalignment ☐ 19. Inadequate capacity ☐ 20. Other	TYPE/SIZE:	
DRAINS / OTHER OUTLETS	☐ 1. None ☒ 2. No bottom drain ☐ 3. Bottom drain inoperable ☐ 4. Subsurface drain dry ☐ 5. Subsurface drain muddy flow ☐ 6. Subsurface drain obstructed ☐ 7. No animal guard ☐ 8. Other	TYPE:	
SKETCHES/COMMENTS - NO SIGNIFICANT CHANGES NOTED; APPEARS STABLE w/ NO SIGNS OF DISTRESS. - DISCUSSED MONITORING/MAINTENANCE w/ CO. OFFICIALS @ SITE.			