

DAM SAFETY INSPECTION REPORT

NAME CAPE MEER P.L.T. 1956 ASH POND		COUNTY CHATH	NO. 075	INSPECTED BY JLH/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 NEAR DS TOE / COMPOSITION OF MATERIAL				HAZARD CLASS ☐ Low (A) ☒ Intermediate (B) ☒ High (C)	
REMARKS WRT DUE TO RECENT WEATHER CONDITIONS INCLUDING RAIN TODAY. POND IS INACTIVE & APPEARS STABLE W/NO APPARENT CHANGES SINCE PREVIOUS INSPECTION. CONTINUE MONITORING/ENG.		ACTION ☐ None ☐ Maintenance ☒ Monitoring ☐ Minor repair ☒ Engineering		RECOMMENDATIONS ☒ Inspection letter ☐ Deficiency letter ☐ RE notice ☐ Engineering study ☐ Inspection by RE ☐ Inspection by DSE ☐ Dam safety order ☐ Enforcement ☒ Periodic reinspection ☒ Other reinspection AS NEEDED	

AREA	PROBLEMS	DECOMMISSIONING	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. Spilling ☐ 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. Spilling ☐ 3. High bushes ☐ 13. Deteriorated joints ☐ 4. Burrows ☐ 14. Displaced joints ☐ 5. Pits ☐ 15. Exposed reinforcement ☐ 6. Livestock damage ☐ 16. Other ☐ 7. Depressions ☐ 8. Unequal ☐ 9. Misalignment ☐ 10. Has overtopped	COVER: ☒ Vegetation ☐ Gravel ☐ Concrete ☐ Asphalt ☐ Other	
DOWNSTREAM SLOPE / FACE	☐ 1. None ☐ 11. Seepage ☒ 2. Trees ☐ 12. Boils ☐ 3. High bushes ☐ 13. Cracks ☒ 4. Burrows ☐ 14. Holes ☒ 5. Erosion ☐ 15. Spilling ☐ 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	2 - NO PARTICULAR CHANGES NOTED 4, 5, 7, 8 & 9 - SITE IS NOT ACTIVE & ALL OBSERVED FEATURES ARE LONG-STANDING AND DO NOT APPEAR TO BE PROBLEMATIC. CONTINUE MONITORING FOR ANY CHANGE, AND ESPECIALLY ANY ACTIVE EROSION ASSOC. W/ DOWNED TREES AND OLD EROSION FEATURES.
TOE CONTACT	☐ 1. None ☐ 11. Seepage ☐ 2. Trees ☐ 12. Boils ☐ 3. High bushes ☐ 13. Cracks ☐ 4. Burrows ☐ 14. Holes ☒ 5. Erosion ☐ 15. Spilling ☐ 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	5 - NO APPARENT CHANGES IN OLD EROSION FEATURES. SEE DS SLOPE COMMENTS ABOVE.

AREA		PROBLEMS	COMMENTS
ADJUTMENT 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. Boils ☐ 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: CONCRETE RISER / OUTLET CONDUIT	20 - STRUCTURES ARE DRY, BUT OUTLET WAS NOT VISIBLE DUE TO VEGETATIVE / LEAF LITTER COVER.
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: SKIE ABOVE	
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 APPARENT NOTEWORTHY CHANGES FROM PREVIOUS INSP.; NO SIGNS OF ANY STRUCTURAL DISTRESS.

— SITE IS INACTIVE

— NOTED 2 SMALL STORM DRAIN PIPES JUST BELOW CREST ELEV. @ THE SOUTH END NEAR OLD PLANT. SATISFACTORY CONDITION — DISCUSSED POSSIBLE TREATMENT W/ DECOMM. PROCESS (GRout/REMOVE)

— DISCUSSED CONDITIONS & POTENTIAL PERMIT NEEDS REGARDING OLD PIPES IN DECOMM. PROCESS.

— MET W/ JOHN TOEPFER & LARRY BAXLEY PRIMARILY.