

DAM SAFETY INSPECTION REPORT

NAME MAYO FGD SETTING POND		COUNTY PERLSO	NO. 036	INSPECTED BY JLT/GJ	DATE 3-21-13
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 ASH POND DS				HAZARD CLASS ☒ Low (A) ☐ Intermediate (B) ☐ High (C)	
REMARKS - DAM IS NOW EXEMPT DUE TO SIZE & HAZARD - GROUND COVER LOOKS GOOD		ACTION ☒ None ☐ Maintenance ☐ Monitoring ☐ Minor repair ☐ Engineering		RECOMMENDATIONS ☐ Inspection letter ☐ Inspection by DSE ☐ Deficiency letter ☐ Dam safety order ☐ RE notice ☐ Enforcement ☐ Engineering study ☐ Periodic reinspection ☐ Inspection by RE ☒ Other reinspection AS NEEDED	

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
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
DOWNSTREAM SLOPE / FACE	☐ 1. None ☐ 11. Seepage ☐ 2. Trees ☐ 12. Boils ☐ 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. Boils ☐ 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

AREA		PROBLEMS	COMMENTS
ADJUTMENT CONTACTS		☐ 1. None ☐ 11. Seepage ☐ 2. Trees ☐ 12. Bolls ☐ 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
PRINCIPAL SPILLWAY		☐ 1. None ☐ 11. Joint displacement ☐ 2. No trashguard ☐ 12. Undermined ☐ 3. Obstructed ☐ 13. Voids ☐ 4. Plugged ☐ 14. Erosion ☐ 5. Rusted ☐ 15. Holes ☐ 6. Damaged ☐ 16. Conduit collapsed ☐ 7. Gates leaking ☐ 17. Spalling ☐ 8. Joints leaking ☐ 18. Outlet undercutting ☐ 9. Cracks ☐ 19. Misalignment ☐ 10. Joint deterioration ☐ 20. Other	TYPE/SIZE:
EMERGENCY SPILLWAY		☐ 1. None ☐ 11. Joint displacement ☐ 2. No ES ☐ 12. Undermining ☐ 3. Same as PS ☐ 13. Voids ☐ 4. Obstructed ☐ 14. Holes ☐ 5. Erosion ☐ 15. Exposed reinforcement ☐ 6. Displaced rip rap ☐ 16. Spalling ☐ 7. Sparse rip rap ☐ 17. Outlet erosion ☐ 8. Joints leaking ☐ 18. Misalignment ☐ 9. Cracks ☐ 19. Inadequate capacity ☐ 10. Joint deterioration ☐ 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

— BRIEF INSPECTION TO VERIFY SITE
 IS UNCHANGED & GROUND COVER IS
 MUCH IMPROVED FROM PREVIOUS INSPECTION.
 — DAM IS STABLE & EXEMPT.