

DAM SAFETY INSPECTION REPORT

NAME MAYO ASH POND DAM		COUNTY PERSD	NO. 035	INSPECTED BY JLH/GT	DATE 3-21-13
OWNER DUKE PROGRESS		ADDRESS FILE			PHONE FILE
TYPE DAM ☒ Concrete gravity ☐ Concrete arch ☐ Other ☒ Embankment ☐ Concrete buttress ☐ Stone masonry		TYPE INSPECTION ☒ Periodic ☐ Initial ☐ Followup ☐ Other		SITE CONDITIONS ☒ Wet ☐ Dry ☐ Snowcover ☐ Other	
HAZARD DESCRIPTION DS DEV. / FRESHWATER				HAZARD CLASS ☐ Intermediate (B) ☒ High (C)	
REMARKS - LIMITED INSP. IN IN TRANSPORT ON-SITE, A MORE DETAILED INSP. PLANNED FOR 2014		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 FOLLOW-UP	
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. 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		

AREA		PROBLEMS	COMMENTS
ABUTMENT 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:	
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

- ONGOING MAINT. OF DAM APPEARS SUCCESSFUL & DAM APPEARS STABLE.
- A MORE DETAILED INSPECTION WILL BE NEEDED NEXT OUTING TO PROJ. SITE.
- DISCUSSED W/ COMPANY OFFICIALS @ SITE.