DSM-7A

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Water Pollution Control
Surface Mining Inspection Report

Permit No. OM	Name of Operator: Harrison Sand c/o Tyler Rutherford EH&S Assistant Address: P.O. Box 6390		Time
TN 0041392	Knoxville, TN 37914	County	Cumberland
Expiration Date OM	NPDES 5-31-2021	Phone	865-250-8377
Issuance Date OM	NPDES 6-1-16	Lat.-Long.	35° 53' 40" 84° 54' 30"
Responsible Official	Tyler Rutherford	Title	EH&S Assistant

MINING	YES	NO	COMPLETE INSP. ☐ PARTIAL INSP. ☑	YES	NO
1. Permit Signs	N/A		25. Effluent Within Permit Requirements	✓	
2. Mining Plans on Site	N/A		26. Flow Within Permit Requirements	✓	
3. Spoil Placement Within Limits			27. Facility as Described in Permit	✓	
4. Stream and Drainage Limits Observed			28. All Discharge Points Permitted	✓	
5. Outslopes Protected			29. All Discharge Points Located Accurately	✓	
6. Topsoil Segregated and Marked			30. Correct Name & Location of Receiving Waters	✓	
7. Regrading Current			31. Receiving Waters Sampled		✓
8. All Highwalls Eliminated			32. Asphalt Plants on Site	N/A	
9. Approximate Original Contour			33. Asphalt Plants Permitted	N/A	
10. Topsoil Properly Spread			34. Concrete Plants on Site	N/A	
11. Revegetation Current			35. Concrete Plants Permitted	N/A	
12. Ag. Lime Rates Adequate			36. Treatment Required	✓	
13. Seeding Rates Adequate			37. Site in Non-Compliance		✓
14. Fertilizer Rates Adequate			38. Non-Compliance Requested		✓
15. Mulch Rates Adequate					
16. Terraces Adequate					
17. Haulroad Drainage Controlled	N/A				
N.P.D.E.S.—WATER CONTROL					
18. Sediment Basins as Planned	✓				
19. Sediment Basins Discharging	✓				
20. All Drainage Controlled Through Basins or Best Management Practices	✓				
21. Diversion Ditches Adequate	✓				
22. Discharge Samples Taken		✓			
23. D.M.R.s Submitted as Required	✓				
24. D.M.R.s in Compliance *		✓			

PARAMETER	MEASUREMENT	MINIMUM	AVERAGE	MAXIMUM
pH	Sample			
	Permit	6.0		9.0
TSS	Sample			
	Permit			40
flow	Sample			
	Permit			
	Sample			
	Permit			
	Sample			
	Permit			

GENERAL COMMENTS: LIST ANY POTENTIAL PROBLEMS, ORDERS FOR CORRECTIVE ACTIONS, OR EXPLANATIONS

One Discharge point discharging 001. This is from processing washing of the material. Flock is used to add in the removal of TSS. Recommend berms to be installed at conveyor crossing of stream to prevent sand from discharging to stream. One out of compliance discharge was reported June 2016 due to flock machine malfunction. Flock appears to be added to flow correctly now.

Jeff Patton 931-787-2039 cell phone
Matthew Hallis 931-267-3503 Cell phone.

Operator's Signature	Date	Inspector's Signature	Date
Tyler Rutherford	9/22/16	Jeff Patton	9-22-16

CN-0804 (Rev. 4/92) White — Agency Canary — Operator Pink — Field Representative RDA 1650