

Appendix G – Stream Crossings Along the Proposed Biggersville 161-kV Transmission Line in Alcorn County, Mississippi

**Table G-1. Stream Crossings Along the Biggersville 161-kV Transmission Line
Route**

Stream Identification	Stream Type	Streamside Management Zone Category	Stream Name	Field Notes
001	Intermittent	Category A (50 feet)	Unnamed Tributary to Bridge Creek	4-foot-wide x 2-foot-deep channel of cobble substrate; wetted depth <1 foot; amphibians observed in some pools; nonforested
002	Perennial	Category A (50 feet)	Bridge Creek	30-foot-wide x 15-foot-deep channel; very straight; some sunfish observed; clay substrate; nonforested
003	Intermittent	Category A (50 feet)	Unnamed Tributary to Bridge Creek	Stream in a deep ravine with high slopes in the ROW; forested
004	Intermittent	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	3-foot-wide x 2-foot-deep channel with gravel substrate
005	Intermittent	Category A (50 feet)	Unnamed Tributary to Tuscumbia River	Small 6-foot-wide x 5-foot-deep channel/farm ditch with clay substrate
006	Intermittent	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	6-foot-wide x 6-foot-deep channel with clay substrate and high erosion potential
007	Perennial	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Could not access due to standing water; channels drawn from aerial photographs
008	Perennial	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Could not access due to standing water; channels drawn from aerial photographs
009	Perennial	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Could not access due to standing water; channels drawn from aerial photographs
010	Perennial	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Could not access due to standing water; channels drawn from aerial photographs
011	Perennial	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Could not access due to standing water; channels drawn from aerial photographs

Biggersville, Mississippi, 161-kV Transmission Line - Provide Delivery Point

Stream Identification	Stream Type	Streamside Management Zone Category	Stream Name	Field Notes
012	Perennial	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Could not access due to standing water; channels drawn from aerial photographs
013	Perennial	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Could not access due to standing water; channels drawn from aerial photographs
014	Perennial	Category A (50 feet)	Tuscumbia River Canal	70-foot-wide channel; could not determine substrate; adjacent to two wetlands
015	Intermittent	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	4-foot-wide x 3 foot-deep channel running through a wetland
016	Other	Category A (50 feet)	Pond	Farm pond in the middle of a field with a small dock
017	Other	Category A (50 feet)	Pond	Small pond in a forested area
018	Other	Category A (50 feet)	Pond	Large pond in the middle of a field; anglers observed; some sunfish observed along shoreline
019	Intermittent	Category A (50 feet)	Unnamed Tributary to Parmicha Creek	4-foot-wide x 1-foot-deep channel of dirt substrate; heavily channelized; forested
020	Perennial	Category A (50 feet)	Unnamed Tributary to Parmicha Creek	5-foot-wide x 3-foot-deep channel; dirty brown water; riparian vegetation appeared to have been chemically sprayed
021	Intermittent	Category A (50 feet)	Unnamed Tributary to Parmicha Creek	5-foot-wide x 3-foot-deep channel; dirty brown water; riparian vegetation appeared to have been chemically sprayed
022	Perennial	Category A (50 feet)	Unnamed Tributary to Parmicha Creek	10-foot-wide x 5-foot-deep channel with a wetted depth of 5-foot-wide x 1-foot-deep; partially forested with some flow
023	Intermittent	Category A (50 feet)	Unnamed Tributary to Parmicha Creek	6-foot-wide x 6-foot-deep channel
024	Intermittent	Category A (50 feet)	Parmicha Creek	40-foot-wide x 30-foot-deep channel with clay substrate; fish observed
025	Intermittent	Category A (50 feet)	Jobes Creek	20-foot-wide x 3-foot-deep channel with clay substrate
026	Intermittent	Category A (50 feet)	Unnamed Tributary to Jobes Creek	3-foot-wide x 3-foot-deep channel with clay substrate

Stream Identification	Stream Type	Streamside Management Zone Category	Stream Name	Field Notes
027	Other	Category A (50 feet)	Pond	Large pond with small fish observed

Table G-2. Stream Crossings Located Along Access Roads on the Biggersville 161-kV Transmission Line

Stream Identification	Stream Type	Streamside Management Zone Category	Stream Name	Field Notes
001	Intermittent	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Identified from topos and aerial photographs
002	Intermittent	Category A (50 feet)	Unnamed Tributary to Tuscumbia River Canal	Identified from topos and aerial photographs

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