

SUMMARY OF RESULTS – FIBI257



1. Stream Name:	Muddy Run UNT
2. Sampling Date:	7/29/2011
3. Sampling Location:	Almond Road
4. Municipality:	Pittsgrove Twp
5. County:	Salem
6. Contributing Drainage Area (sq.mi.):	3.48
7. IBI Score and Rating:	82.12 (Excellent)
8. Habitat Score and Rating:	131 (Suboptimal)
9. Stream Chemistries:	
Dissolved Oxygen (mg/l)	6.98
Temperature °C	20.44
pH	5.56
Conductivity (µmhos/cm)	85
10. Water Clarity:	Clear
11. Habitat:	20% Riffle, 50% Run, 30% Pool
12. Periphyton:	None
13. Outfalls:	None
14. Number of Fish Species Identified:	13
15. Total Number of Fish Collected:	247
16. Number of Fish with Anomalies:	3

Metric	IBI Score
1 – Native Sp.	86.2
2 – Benthic Sp.	100.0
3 – Intolerant Sp.	100.0
4 - % Tolerant	91.3
5 - % Insectivore	95.9
6 - % Piscivore	43.3
7 – Abundance - Tolerants	75.9
8 - % DELTs	64.3