

SUMMARY OF RESULTS – NJS11-142



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|---|------------------------------|
| 1. Stream Name: | Salem River |
| 2. Sampling Date: | 6/19/2012 |
| 3. Sampling Location: | Off Fox Road |
| 4. Municipality: | Pilesgrove Twp |
| 5. County: | Salem |
| 6. Contributing Drainage Area (sq.mi.): | 13.32 |
| 7. IBI Score and Rating: | 58.62 (Fair) |
| 8. Habitat Score and Rating: | 136 (Suboptimal) |
| 9. Stream Chemistries: | |
| Dissolved Oxygen (mg/l) | 5.86 |
| Temperature °C | 21.06 |
| pH | 6.48 |
| Conductivity (µmhos/cm) | 270 |
| 10. Water Clarity: | Turbid |
| 11. Habitat: | 5% Riffle, 65% Run, 30% Pool |
| 12. Periphyton: | None |
| 13. Outfalls: | None |
| 14. Number of Fish Species Identified: | 16 |
| 15. Total Number of Fish Collected: | 949 |
| 16. Number of Fish with Anomalies: | 4 |

Metric	IBI Score
1 – Native Sp.	68.7
2 – Benthic Sp.	61.4
3 – Intolerant Sp.	40.3
4 - % Tolerant	87.7
5 - % Insectivore	21.2
6 - % Piscivore	2.0
7 – Abundance - Tolerants	100.0
8 - % DELTs	87.6