

## SUMMARY OF RESULTS – NJS11-149



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|---|------------------------------|
| 1. Stream Name:                         | Rancocas Creek NB            |
| 2. Sampling Date:                       | 7/13/2012                    |
| 3. Sampling Location:                   | Birmingham Road              |
| 4. Municipality:                        | Pemberton Twp                |
| 5. County:                              | Burlington                   |
| 6. Contributing Drainage Area (sq.mi.): | 125                          |
| 7. IBI Score and Rating:                | 51.83 (Fair)                 |
| 8. Habitat Score and Rating:            | 132 (Suboptimal)             |
| 9. Stream Chemistries:                  |                              |
| Dissolved Oxygen (mg/l)                 | 7.05                         |
| Temperature °C                          | 23.22                        |
| pH                                      | 6.52                         |
| Conductivity (µmhos/cm)                 | 92                           |
| 10. Water Clarity:                      | Clear                        |
| 11. Habitat:                            | 0% Riffle, 60% Run, 40% Pool |
| 12. Periphyton:                         | None                         |
| 13. Outfalls:                           | 1 – 12” Concrete             |
| 14. Number of Fish Species Identified:  | 16                           |
| 15. Total Number of Fish Collected:     | 164                          |
| 16. Number of Fish with Anomalies:      | 1                            |

Metric	IBI Score
1 – Native Sp.	70.7
2 – Benthic Sp.	41.0
3 – Intolerant Sp.	52.7
4 - % Tolerant	55.0
5 - % Insectivore	73.7
6 - % Piscivore	7.7
7 – Abundance - Tolerants	31.8
8 - % DELTs	82.1