

SUMMARY OF RESULTS – NJS11-222



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|---|------------------------------|
| 1. Stream Name: | Great Ditch |
| 2. Sampling Date: | 8/27/2012 |
| 3. Sampling Location: | Off Elliot Street |
| 4. Municipality: | South Brunswick Twp |
| 5. County: | Middlesex |
| 6. Contributing Drainage Area (sq.mi.): | 7.33 |
| 7. IBI Score and Rating: | 57.95 (Fair) |
| 8. Habitat Score and Rating: | 130 (Suboptimal) |
| 9. Stream Chemistries: | |
| Dissolved Oxygen (mg/l) | 7.00 |
| Temperature °C | 18.22 |
| pH | 5.88 |
| Conductivity (µmhos/cm) | 165 |
| 10. Water Clarity: | Turbid |
| 11. Habitat: | 5% Riffle, 75% Run, 20% Pool |
| 12. Periphyton: | None |
| 13. Outfalls: | None |
| 14. Number of Fish Species Identified: | 11 |
| 15. Total Number of Fish Collected: | 175 |
| 16. Number of Fish with Anomalies: | 2 |

Metric	IBI Score
1 – Native Sp.	60.2
2 – Benthic Sp.	66.9
3 – Intolerant Sp.	0.4
4 - % Tolerant	94.5
5 - % Insectivore	100.0
6 - % Piscivore	19.8
7 – Abundance - Tolerants	55.5
8 - % DELTs	66.4