

NJPB-183-R1

Van Saun Mill Brook

Janet Ave.

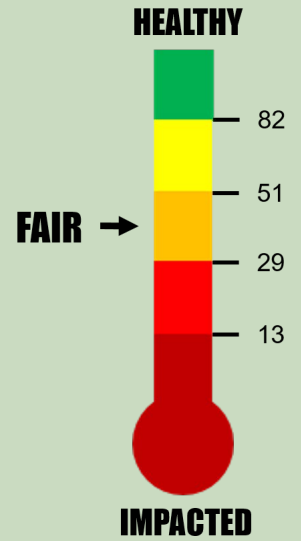
Municipality: Paramus

County: Bergen

Drainage Area (sq miles): 1.1

Sample Date: 8/18/2014

Site Type: Probabilistic



| | |
|---|--------|
| Metric 1 - Number of intolerant vertebrate species | 0.00 |
| Metric 2 - Proportion of vertebrate species as top carnivores | 0.00 |
| Metric 3 -Percent tolerant fish | 98.66 |
| Metric 4 -Proportion of total richness as native | 100.00 |
| Metric 5 -Percent native crayfish | 0.00 |
| Metric 6 -Brook trout density | 0.00 |

| | |
|-------------------------|------|
| Air Temperature (°C) | 23.6 |
| Water Temperature (°C) | 17.4 |
| Dissolved Oxygen (mg/L) | 6.53 |
| % Saturation | 68 |
| pH | 6.12 |
| Conductivity (uS/cm) | 654 |

Headwaters IBI Score (0-100): ***33.11***

IBI Rating: ***Fair***

High Gradient Habitat Score (0-200): ***74***

Habitat Rating: ***Marginal***

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| Common Name | Scientific Name | Abundance |
|-------------------------------|------------------------------|------------------|
| Blacknose Dace | <i>Rhinichthys atratulus</i> | 612 |
| Northern Two-lined Salamander | <i>Eurycea bislineata</i> | 12 |
| American Eel | <i>Anguilla rostrata</i> | 8 |