

FIBI508-R2

Overpeck Creek

Durie Avenue

Municipality: Englewood

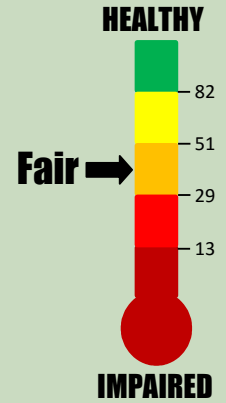
County: Bergen

Drainage Area (sq miles):2.24

Average Width (m): 4.88

Sample Date: 6 /13/2018

Site Type: Fixed



| | |
|---|--------|
| 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 | 72.79 |
| 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) | 23.2 |
| Water Temperature (°C) | 16.19 |
| Dissolved Oxygen (mg/L) | 9.58 |
| % Saturation | 96.7 |
| pH | 7.18 |
| Conductivity (uS/cm) | 813.8 |
| Nitrate/Nitrite (mg/L): | 1.67 |
| Total Kjeldahl (mg/L): | 0.17 |
| Total Phosphorus (mg/L): | 0.055 |

| | |
|---|---------------------|
| <i>Headwaters IBI Score (0-100):</i> | <i>28.80</i> |
|---|---------------------|

| | |
|---------------------------|--------------------|
| <i>IBI Rating:</i> | <i>Fair</i> |
|---------------------------|--------------------|

| | |
|--|------------------|
| <i>High Gradient Habitat Score (0-200):</i> | <i>91</i> |
|--|------------------|

| | |
|-------------------------------|------------------------|
| <i>Habitat Rating:</i> | <i>Marginal</i> |
|-------------------------------|------------------------|

FIBI508-R2

Overpeck Creek

| Common Name | Scientific Name | Abundance |
|-------------------------------|-------------------------------|------------------|
| Blacknose Dace | <i>Rhinichthys atratulus</i> | 209 |
| American Eel | <i>Anguilla rostrata</i> | 72 |
| Northern Two-lined Salamander | <i>Eurycea bislineata</i> | 3 |
| White Sucker | <i>Catostomus commersonii</i> | 2 |