

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: RM07118

Name: OZAUKEE COUNTY: Milwaukee River Mequon - Thiensville Dam Fishway Enhancement

Type: River Grant

Subtype: River Protection Grant

Status: COMPLETE

Start Date: 4/15/2018

End Date: 12/31/2021

Purpose: Ozaukee County Planning and Parks Department is undertaking activities to enhance the operation and function of the fishway located at the Mequon-Thiensville Dam on the Milwaukee River.

Project activities: Utilize prepared plans and specifications and operating under all required permits, construct a stable, non-deforming fishway channel that accommodates target species (including lake sturgeon and northern pike) swimming performance for all life stages and reduction in fishway operation and maintenance costs.

Project deliverables: Provide to the Department a paper and digital summary report on the completed project, which shall result in a revised fishway entrance with optimal attractant flows, weir water velocities less than or equal to 3 feet per second, water depths through weirs greater than or equal to 1.5 feet, static water depths in pools greater than 3 feet, adequate cover as velocity breaks, head drop through weirs less than 0.5 feet, calculated using Milwaukee River median flows mid-March through mid-June

Objective:

Comments: Grantee is OZAUKEE COUNTY

Outcome:**Study Design:****QA Measures:**

People

| Name | Role | Status | Start Date | End Date | Organization | Comments |
|--------------------------------|-----------------|--------|------------|------------|--|----------|
| Ozaukee County Planning & Park | GRANT_RECIPIENT | ACTIVE | 4/15/2018 | 12/31/2019 | Ozaukee County Planning & Parks Department | |

Project Statuses

| Date | Reported By | Status | Comments |
|------|-------------|--------|----------|
|------|-------------|--------|----------|

Actions

Wisconsin Department of Natural Resources SWIMS Project Summary

| Action | Detailed Description | Start Date | End Date | Status |
|-------------------------|--|------------|------------|-------------|
| Grant Awarded | Ozaukee County Planning and Parks Department is undertaking activities to enhance the operation and function of the fishway located at the Mequon-Thiensville Dam on the Milwaukee River. Project activities: Utilize prepared plans and specifications and operating under all required permits, construct a stable, non-deforming fishway channel that accommodates target species (including lake sturgeon and northern pike) swimming performance for all life stages and reduction in fishway operation and maintenance costs. Project deliverables: Provide to the Department a paper and digital summary report on the completed project, which shall result in a revised fishway entrance with optimal attractant flows, weir water velocities less than or equal to 3 feet per second, water depths through weirs greater than or equal to 1.5 feet, static water depths in pools greater than 3 feet, adequate cover as velocity breaks, head drop through weirs less than 0.5 feet, calculated using Milwaukee River median flows mid-March through mid-June. | 4/15/2018 | 12/31/2019 | COMPLETE |
| Fish Management, Access | Ozaukee County Planning and Parks Department is undertaking activities to enhance the operation and function of the fishway located at the Mequon-Thiensville Dam on the Milwaukee River. Project activities: Utilize prepared plans and specifications and operating under all required permits, construct a stable, non-deforming fishway channel that accommodates target species (including lake sturgeon and northern pike) swimming performance for all life stages and reduction in fishway operation and maintenance costs. Project deliverables: Provide to the Department a paper and digital summary report on the completed project, which shall result in a revised fishway entrance with optimal attractant flows, weir water velocities less than or equal to 3 feet per second, water depths through weirs greater than or equal to 1.5 feet, static water depths in pools greater than 3 feet, adequate cover as velocity breaks, head drop through weirs less than 0.5 feet, calculated using Milwaukee River median flows mid-March through mid-June. | 4/15/2018 | 12/31/2019 | IN_PROGRESS |

| Details: Parameter | Value/Amount | Units | Comments |
|------------------------|--------------|-------|----------|
| Total Nitrogen | | | |
| Total Phosphorus | | | |
| Total Suspended Solids | | | |

Monitoring Stations

| Station ID | Name | Comments |
|------------|------|----------|
|------------|------|----------|

Wisconsin Department of Natural Resources SWIMS Project Summary

Assessment Units

| WBIC | Segment | Local Name | Official Name |
|-------|---------|-----------------|-----------------|
| 15000 | 5 | Milwaukee River | Milwaukee River |

Lab Account Codes

| Account Code | Description | Start Date | End Date |
|--------------|-------------|------------|----------|
|--------------|-------------|------------|----------|

Forms

| Form Code | Form Name |
|-----------|-----------|
|-----------|-----------|

Methods

| Method Code | Method Description |
|-------------|--------------------|
|-------------|--------------------|

Fieldwork Events

| Start Date | Status | Field ID | Station ID | Station Name |
|------------|--------|----------|------------|--------------|
|------------|--------|----------|------------|--------------|

Documents

| Title | Description | Author | Published | Comments |
|--|-------------|----------------|-----------|----------|
| Mequon-Thiensville Dam Fishway Restoration After | | Ozaukee County | 1/1/2011 | |

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

| Organization | Source | Type | Amount | Start Date | End Date |
|--------------|--------|------|--------|------------|----------|
|--------------|--------|------|--------|------------|----------|