

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: Mill_Furnace_Creeks

Name: Mill & Furnace Creeks Listing

Type: TMDL/303d Projects

Subtype: Identify Impaired Waters

Status: COMPLETE

Start Date: 10/1/2006

End Date: 9/30/2007

Purpose: What: Conduct fisheries IBI to determine contemporary status of fisheries assemblage and assess possible impacts to water quality.
When: Summer 2006
Where: Two segments of each stream
Who: Jim Amrhein

Objective: Baseline sampling in 2005 yielded questions about water and habitat quality of these two streams. A 123 meter section of Furnace Branch yielded only 16 fish. A 100 meter section of Mill Branch yielded only 1 fish. Since no other information was gathered, follow up sampling needs to be conducted to determine if this data is indicative of a water quality concern which may lead to these sites being placed on the 303(d) list. Fisheries IBI and habitat index will be measured at two sites on each stream.
Data will be summarized to determine if the site should be placed on the impaired waters list or if Tier III monitoring is warranted.

Comments:

Outcome: Fish IBI and habitat data will be stored in the FH database.

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
AMRHEIN, JAMES F	COORDINATOR	COMPLETE	11/20/2006	7/16/2022	Wisconsin DNR	

Project Statuses			
Date	Reported By	Status	Comments

Actions					
Action	Detailed Description	Start Date	End Date	Status	
Monitor Targeted Area	Follow up sampling needs to be conducted to determine if this data is indicative of a water quality concern which may lead to these sites being placed on the 303(d) list. Fisheries IBI and habitat index will be measured at two sites on each stream.	10/1/2006	9/30/2007	COMPLETE	

Details: Parameter	Value/Amount	Units	Comments
Total Nitrogen			
Total Phosphorus			

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Details: Parameter		Value/Amount	Units	Comments
Total Suspended Solids				
Monitoring Stations				
Station ID		Name	Comments	
Assessment Units				
WBIC	Segment	Local Name	Official Name	
972170	1	Blue Hole	Blue Hole	
976600	1	Chapman Lake	Chapman Lake	
980900	1	Devils Lake	Devils Lake	
980900	2	Devil's Lake State Park - North Shore Beach, Devils Lake	Devils Lake	
980900	3	Devil's Lake State Park - South Shore Beach, Devils Lake	Devils Lake	
1025900	1	Un Lake	Unnamed	
1026400	1	Un Lake	Unnamed	
1027550	1	Un Lake	Unnamed	
1029470	1	Un Lake	Unnamed	
1179900	2	Wisconsin River	Wisconsin River	
1179900	4	Wisconsin River	Wisconsin River	
1179900	5	Wisconsin River	Wisconsin River	
1220900	5	Willow Creek	Willow Creek	
1223000	2	Smith Hollow Creek	Smith Hollow Creek	
1234600	2	Bear Creek	Bear Creek	
1234600	3	Bear Creek	Bear Creek	
1234600	4	Bear Creek	Bear Creek	
1234700	1	Little Bear Creek	Little Bear Creek	
1234700	2	Little Bear Creek	Little Bear Creek	
1234900	1	Unnamed Stream	Unnamed	
1235300	1	Unnamed Stream	Unnamed	
1235400	1	Local Water	Unnamed	
1235700	1	Marble Creek	Marble Creek	
1235800	1	Pumpkin Hollow Cr	Pumpkin Hollow Creek	
1236000	1	Biser Creek	Biser Creek	
1236100	1	Mccarville Creek	McCarville Creek	
1236100	2	Mccarville Creek	McCarville Creek	
1236200	1	Kroal Creek	Croal Creek	

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1236600	1	Long Lake	Long Lake
1236700	1	Local Water	Unnamed
1236900	1	Bakkens Pond	Bakkens Pond
1241200	1	Hill Slough East	Hill Slough
1241200	2	Hill Slough West	Hill Slough
1241200	3	Hill Slough	Hill Slough
1241300	1	Cynthia Slough	Cynthia Slough
1247000	1	Hutter Slough	Hutter Slough
1247100	1	Norton Slough	Norton Slough
1247200	1	Wood Slough	Wood Slough
1247300	1	Jones Slough	Jones Slough
1247500	1	Wilson Creek	Wilson Creek
1248200	1	Local Water	Unnamed
1252400	1	Muskrat Run	Muskrat Run
1252500	1	Long Lake	Long Lake
1252600	1	Deacon Thomas Lake	Deacon Thomas Lake
1252700	1	Un Lake	Unnamed
1253900	1	Honey Creek	Honey Creek
1253900	2	Honey Creek	Honey Creek
1253900	3	Honey Creek	Honey Creek
1253900	4	Honey Creek	Honey Creek
1254200	1	East Br Honey Creek	East Branch Honey Creek
1254800	1	NC-203 Unnamed Trib of E. Br. Honey Cr. US 10m of CTH C	Unnamed
1255300	1	Unnamed Stream	Unnamed
1255400	1	Local Water	Unnamed
1255500	1	Unnamed stream	Unnamed
1255600	1	North Br Honey Creek	North Branch Honey Creek
1255600	2	North Br Honey Creek	North Branch Honey Creek
1255600	3	North Br Honey Creek	North Branch Honey Creek
1256500	1	Leland Millpond	Leland Millpond
1257100	1	Unnamed Trib To Honey Creek	Unnamed
1257100	2	Unnamed Trib To Honey Creek	Unnamed
1257200	1	Sugar Grove Valley Creek	Sugar Grove Valley Creek
1257300	1	Unnamed Trib To Honey (T9nr4e, 5)	Unnamed
1257900	1	Shannahan Valley Creek	Shannahan Valley Creek

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1257900	2	Shannahan Valley Creek	Shannahan Valley Creek
1257900	3	Shannahan Valley Creek	Shannahan Valley Creek
1258100	1	White Mound Lake	White Mound Lake
1258400	1	Otter Creek	Otter Creek
1258400	2	Otter Creek	Otter Creek
1258400	3	Otter Creek	Otter Creek
1258500	1	Unnamed Stream	Unnamed
1258800	1	Unnamed Stream	Unnamed
1258900	1	Unnamed Trib to Otter Cr	Unnamed
1259300	1	Un Lake	Unnamed
1259400	1	Local Water	Unnamed
1259500	1	Otter Creek	Unnamed
1259600	1	Un Lake	Unnamed
1260600	1	Lake Wisconsin	Lake Wisconsin
1260600	2	Grubers Grove Bay, Lake Wisconsin	Lake Wisconsin
1260800	1	Unnamed Stream	Unnamed
1261000	1	Un Lake	Unnamed
1261100	1	Parfrey's Glen Creek	Parfreys Glen Creek
1261100	2	Parfrey's Glen Creek	Parfreys Glen Creek
1261200	1	Manley Creek	Manley Creek
1261400	1	Un Springs	Un Springs
1271100	6	Baraboo River	Baraboo River
1271100	7	Baraboo River	Baraboo River
1271100	8	Baraboo River	Baraboo River
1271100	10	Baraboo River	Baraboo River
1271600	1	Leech Creek	Leech Creek
1271600	2	Leech Creek	Leech Creek
1271600	3	Leech Creek	Leech Creek
1271600	4	Leech Creek	Leech Creek
1271800	1	Unnamed Stream	Unnamed
1271900	1	Leech Lake	Leech Lake
1272100	1	Rowley Creek	Rowley Creek
1272100	2	Rowley Creek	Rowley Creek
1272200	1	Creek 36-9	Unnamed
1273200	1	Boulder Creek	Boulder Creek

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1273700	1	Local Water	Unnamed
1273700	2	Local Water	Unnamed
1273800	1	Babbling Brook	Unnamed
1273850	1	Un Lake	Unnamed
1274300	1	Skillet Creek	Skillet Creek
1274400	1	Pine Creek	Pine Creek
1275200	1	Hoot Owl Creek	Unnamed
1275300	1	Seeley Creek	Seeley Creek
1275300	2	Seeley Creek	Seeley Creek
1275300	3	Seeley Creek	Seeley Creek
1275500	1	Seeley Lake	Seeley Lake
1275700	1	Un Lake	Unnamed
1276000	1	Unnamed Stream	Unnamed
1276200	1	Un Spring	Un Spring
1276400	1	Narrows Creek	Narrows Creek
1276500	1	Un Spring	Un Spring
1276600	1	Unnamed Stream	Unnamed
1276800	1	Unnamed Trib To Narrows Creek (T12, R4e, S34)	Unnamed
1277200	1	Spring Valley Creek	Spring Valley Creek
1277300	1	Unnamed Creek	Unnamed
1277400	1	Eli Valley Creek	Ela Valley Creek
1277600	1	Un Spring	Un Spring
1277700	1	Hillpoint Creek	Hill Point Creek
1278200	1	Local Water	Unnamed
1278235	1	Local Water	Unnamed
1278400	1	Copper Creek	Copper Creek
1278700	1	Virginia Lake	Virginia Lake
1279000	1	Hay Creek	Hay Creek
1279000	2	Hay Creek	Hay Creek
1279100	1	Babb Creek	Babb Creek
1279200	1	Local Water	Unnamed
1279300	1	Local Water	Unnamed
1279400	1	Twin Creek	Twin Creek
1279500	1	Local Water	Unnamed
1279600	1	Unnamed Trib (WBIC: 1279600) of Twin Cr.	Unnamed

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1279700	1	Local Water	Unnamed
1279800	1	Local Water	Unnamed
1279900	1	Local Water	Unnamed
1280000	1	Silver Creek	Silver Creek
1280100	1	Local Water	Unnamed
1280200	1	Big Creek	Big Creek
1280400	1	Redstone Lake	Lake Redstone
1280500	1	East Br Big Creek	East Branch Big Creek
1281000	1	Unnamed Trib to Redstone Lake	Unnamed
1281100	1	Unnamed NE Trib to Redstone Lake	Unnamed
1281200	1	West Br Big Creek	West Branch Big Creek
1282500	1	Little Baraboo River	Little Baraboo River
1282500	2	Little Baraboo River	Little Baraboo River
1282600	1	Unnamed Stream	Unnamed
1282700	1	Furnace Creek	Furnace Creek
1283100	1	Cazenovia Branch	Cazenovia Br
1283100	2	Cazenovia Branch	Cazenovia Br
1283100	4	Cazenovia Branch	Cazenovia Br
1283200	1	Carr Valley Creek	Carr Valley Br
1283400	1	TRIBUTARY TO THE CARR VALLEY BRANCH	Unnamed
1284700	1	Bondy Hollow Creek	Bundy Hollow Creek
1284900	1	Unnamed Stream	Unnamed
1285200	1	Mortimer Valley Creek	Mortimer Valley Creek
1285500	1	Jones Valley Creek	Jones Valley Creek
1285800	1	La Valle Mill Pond	La Valle Mill Pond
1286100	1	Hemlock Slough	Hemlock Slough
1286300	1	Dutch Hollow Creek	Dutch Hollow Creek
1286300	2	Dutch Hollow Creek	Dutch Hollow Creek
1286500	1	Dutch Hollow Lake	Dutch Hollow Lake
1286600	1	Ox Creek	Ox Creek
1286700	1	Crossman Creek	Crossman Creek
1287500	1	Gardner Creek	Gardner Creek
1287700	1	Plum Creek	Plum Creek
1287800	1	Unnamed Trib to Plum Cr	Unnamed
1288600	1	Unnamed Stream	Unnamed

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1295000	1	Unnamed Stream	Unnamed
1295200	1	Dell Creek	Dell Creek
1295200	2	Dell Creek	Dell Creek
1295200	3	Dell Creek	Dell Creek
1295200	5	Dell Creek	Dell Creek
1295200	6	Dell Creek	Dell Creek
1295400	1	Delton Lake	Delton Lake
1295500	1	Unnamed	Unnamed
1295600	1	Spring Brook	Spring Brook
1295800	1	Blass Lake	Blass Lake
1296000	1	Mirror Lake	Mirror Lake
1296000	2	Mirror Lake SP Beach, Mirror Lake	Mirror Lake
1296300	1	Lake Dellona	Lake Dellona
1296400	1	Harrison Creek	Harrison Creek
1296400	2	Harrison Creek	Harrison Creek
1296500	1	Unnamed Stream	Unnamed
1296500	2	Unnamed Stream	Unnamed
1296500	3	Unnamed Stream	Unnamed
1296600	1	Unnamed Stream	Unnamed
1296800	1	Unnamed Stream	Unnamed
1297000	1	Unnamed Lake	Unnamed
1297200	1	Local Water	Unnamed
1297200	2	Local Water	Unnamed
1297300	1	Beaver Creek	Beaver Creek
1297500	1	Camels Creek	Camels Creek
1297500	2	Camels Creek	Camels Creek
1297600	1	Unnamed	Unnamed
1297700	1	Unnamed Stream	Unnamed
1298400	1	Lake of the Dells	Lake of the Dells
1298500	1	Hulbert Creek	Hulbert Creek
1298500	2	Hulbert Creek	Hulbert Creek
1298500	3	Hulbert Creek	Hulbert Creek
1298800	1	Creek 6-7	Unnamed
1298800	2	Unnamed Creek 6-7	Unnamed
3000041	1	Local Water	Unnamed

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3000067	1	Buckhorn Lake	Buckhorn Lake
3000382	1	Creek 6-9	Unnamed
3000387	1	Creek 1-3	Unnamed
5028726	1	Unnamed	Unnamed
5028915	1	Local Water	Unnamed
5028961	1	Local Water	Unnamed
5028967	1	Local Water	Unnamed
5029051	1	Local Water	Unnamed
5029120	1	Local Water	Unnamed
5029136	1	Local Water	Unnamed
5029152	1	Unnamed Trib to Dell Creek	Unnamed
5029158	1	Unnamed Stream	Unnamed
5029205	1	Local Water	Unnamed
5029243	1	Local Water	Unnamed
5029283	1	Unnamed Stream	Unnamed
5029293	1	Unnamed Stream	Unnamed
5029319	1	Unnamed Stream	Unnamed
5029348	1	Local Water	Unnamed
5029360	1	Local Water	Unnamed
5029364	1	Local Water	Unnamed
5029394	1	Local Water	Unnamed
5029403	1	Local Water	Unnamed
5029442	1	Local Water	Unnamed
5029459	1	Local Water	Unnamed
5029511	1	Local Water	Unnamed
5029554	1	Local Water	Unnamed
5029556	1	Local Water	Unnamed
5029557	1	Unnamed Stream	Unnamed
5029571	1	Local Water	Unnamed
5029575	1	Local Water	Unnamed
5029577	1	Unnamed Stream	Unnamed
5029587	1	Unnamed Stream	Unnamed
5029605	1	Local Water	Unnamed
5029624	1	Local Water	Unnamed
5029653	1	Unnamed Stream	Unnamed

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5029745	1	Local Water	Unnamed
5029797	1	Local Water	Unnamed
5029849	1	Local Water	Unnamed
5029888	1	Local Water	Unnamed
5029956	1	Unnamed Stream	Unnamed
5029968	1	Unnamed Stream	Unnamed
5029977	1	Local Water	Unnamed
5029984	1	Unnamed Stream	Unnamed
5029994	1	Local Water	Unnamed
5030102	1	Local Water	Unnamed
5030142	1	Unnamed Stream	Unnamed
5030152	1	Local Water	Unnamed
5030155	1	Unnamed Trib to Harrison Cr	Unnamed
5030173	1	Local Water	Unnamed
5030189	1	Local Water	Unnamed
5030217	1	Local Water	Unnamed
5030294	1	Local Water	Unnamed
5030301	1	Unnamed Stream	Unnamed
5030375	1	Local Water	Unnamed
5030397	1	Unnamed Stream	Unnamed
5030414	1	Local Water	Unnamed
5030462	1	Local Water	Unnamed
5030538	1	Local Water	Unnamed
5030571	1	Local Water	Unnamed
5030604	1	Local Water	Unnamed
5030608	1	Unnamed Stream	Unnamed
5030642	1	Local Water	Unnamed
5030722	1	Local Water	Unnamed
5030735	1	Unnamed Stream	Unnamed
5030754	1	Local Water	Unnamed
5030756	1	Local Water	Unnamed
5030766	1	Local Water	Unnamed
5030828	1	Unnamed Stream	Unnamed
5030891	1	Unnamed Stream	Unnamed
5031061	1	Unnamed Stream	Unnamed

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5031081	1	Unnamed Stream	Unnamed
5031102	1	Unnamed Stream	Unnamed
5031149	1	Unnamed Stream	Unnamed
5031173	1	Unnamed Stream	Unnamed
5031175	1	Unnamed Stream	Unnamed
5031351	1	Unnamed Stream	Unnamed
5031479	1	Unnamed Stream	Unnamed
5031575	1	Unnamed Stream	Unnamed
5031597	1	Unnamed Stream	Unnamed
5031906	1	Unnamed Stream	Unnamed
5031932	1	Unnamed Stream	Unnamed
5031939	1	Unnamed Stream	Unnamed
5032005	1	Unnamed Stream	Unnamed
5032044	1	Unnamed	Unnamed
5032175	1	Unnamed Stream	Unnamed
5032408	1	Unnamed Stream	Unnamed
5032539	1	Local Water	Unnamed
5032768	1	Unnamed Stream	Unnamed
5032821	1	Un Trib To Marble Cr (T10N R3E S29)	Unnamed
5032862	1	Unnamed Stream	Unnamed
5033068	1	Cr 28-11 T10N R3E	Unnamed
5033079	1	Unnamed Stream	Unnamed
5033105	1	Creek 28-11 T10N R3E	Unnamed
5033343	1	Local Water	Unnamed
5033735	1	Unnamed Stream	Unnamed
5033787	1	Local Water	Unnamed
5034121	1	Unnamed Stream	Unnamed
5565440	1	Local Water	Unnamed
5565479	1	Local Water	Unnamed
5565504	1	Local Water	Unnamed
5565649	1	Local Water	Unnamed
5565729	1	Local Water	Unnamed
5565767	1	Local Water	Unnamed
5565826	1	Local Water	Unnamed
5565841	1	Local Water	Unnamed

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5565953	1	Local Water	Unnamed
5565998	1	Local Water	Unnamed
5566014	1	Local Water	Unnamed
5566036	1	Local Water	Unnamed
5566343	1	Local Water	Unnamed
5566474	1	Local Water	Unnamed
5566516	1	Local Water	Unnamed
5566546	1	Local Water	Unnamed
5566896	1	Local Water	Unnamed
5566966	1	Local Water	Unnamed
5567135	1	Local Water	Unnamed
5567138	1	Local Water	Unnamed
5567171	1	Local Water	Unnamed
5567212	1	Local Water	Unnamed
5567234	1	Local Water	Unnamed
5567248	1	Local Water	Unnamed
5567369	1	Local Water	Unnamed
5567570	1	Local Water	Unnamed
5567825	1	Local Water	Unnamed
5567866	1	Local Water	Unnamed
5568017	1	Local Water	Unnamed
5568044	1	Unnamed Water	Unnamed
5568145	1	Local Water	Unnamed
5568258	1	Local Water	Unnamed
5568294	1	Local Water	Unnamed
5568363	1	Local Water	Unnamed
5568380	1	Local Water	Unnamed
5568384	1	Local Water	Unnamed
5568385	1	Local Water	Unnamed
5568417	1	Local Water	Unnamed
5568451	1	Leech Lake	Leech Lake
5568868	1	Local Water	Unnamed
5568963	1	Local Water	Unnamed
5569009	1	Local Water	Unnamed
5569070	1	Local Water	Unnamed

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5569131	1	Local Water	Unnamed
5569202	1	Local Water	Unnamed
5569211	1	Local Water	Unnamed
5569212	1	Unnamed Lake	Unnamed
5569266	1	Local Water	Unnamed
5569303	1	Local Water	Unnamed
5569340	1	Local Water	Unnamed
5569422	1	Local Water	Unnamed
5569487	1	Local Water	Unnamed
5569552	1	Local Water	Unnamed
5570202	1	Local Water	Unnamed
5570316	1	Local Water	Unnamed
5570384	1	Local Water	Unnamed
5570401	1	Local Water	Unnamed
5570448	1	Local Water	Unnamed
5570473	1	Local Water	Unnamed
5570558	1	Local Water	Unnamed
5570588	1	Local Water	Unnamed
5570651	1	Local Water	Unnamed
5570671	1	Unnamed	Unnamed
5570674	1	Unnamed	Unnamed
5570709	1	Local Water	Unnamed
5570716	1	Local Water	Unnamed
5570717	1	Local Water	Unnamed
5570743	1	Local Water	Unnamed
5570767	1	Local Water	Unnamed
5570853	1	Local Water	Unnamed
5571187	1	Local Water	Unnamed
5571205	1	Local Water	Unnamed
5571217	1	Local Water	Unnamed
5571225	1	Local Water	Unnamed
5572134	1	Local Water	Unnamed
5572239	1	Local Water	Unnamed
5572325	1	Local Water	Unnamed
5573389	1	Local Water	Unnamed

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5573400	1	Local Water	Unnamed
5573406	1	Local Water	Unnamed
5573471	1	Local Water	Unnamed
5573475	1	Local Water	Unnamed
5573760	1	Local Water	Unnamed
5573776	1	Unnamed Lake	Unnamed
5574173	1	Local Water	Unnamed
5574197	1	Local Water	Unnamed
5588192	1	Local Water	Unnamed
5588314	1	Local Water	Unnamed
5588320	1	Local Water	Unnamed
5588412	1	Local Water	Unnamed
5588504	1	Local Water	Unnamed
5588539	1	Local Water	Unnamed
5589552	1	Local Water	Unnamed
5591647	1	Gallus Slough	Gallus Slough

Lab Account Codes

Account Code	Description	Start Date	End Date
WT082	SPECIAL PROJECTS	7/1/2006	9/30/2007

Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload

Methods

Method Code	Method Description
FISH SURVEY BASELINE PROTOCOLS	Fish Survey Baseline Protocols 2004

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
FURNACE & MILL CREEKS FY07 MONITORING PROPOSAL	FURNACE & MILL CREEKS FY07 MONITORING PROPOSAL	Amrhein, James	7/1/2006	

Budget

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Combined Budgets:
Combined WSLH:
Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date