

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-017 (3002-01)  
**Name:** CITY OF HUDSON: Lake Mallalieu Water Quality Data Collection & Analysis  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 12/20/1990  
**End Date:** 12/31/1997  
**Purpose:** 1) Comprehensive mapping of Lake Mallalieu drainage basin topography (including slopes analysis), soils, and land uses, (as described on pgs. 2-3 of 'professional services description' in application). 2) Update bathymetric map of lake, (map will be used as base for aquatic plant survey). 3) Research existing law and enforcement alternatives related to septic systems. 4) Pursue existing research into groundwater pollution. 5) Water quality monitoring to be conducted at one site during springturnover and five times during the summer (June - Sept.). Sampling parameters and protocol as described on pgs. 1-3 of Barr Engineering proposal in application. In addition fecal coliform sampling is to be conducted with each monitoring session (total of 6 times). 6) Detailed macrophyte survey will be done according to DNR protocols and shall include mapping of the distribution of purple loosestrife within the lake and its riparian borders. 7) Maintain public awareness through Lakes Association newsletter, periodic attendance at public meetings, and newspaper and TV an/or radio press releases. 8) Prepare and distribute interim general report to include all data collected during project. Data reporting format to be worked out in consultation  
**Objective:**  
**Comments:** Grantee is CITY OF HUDSON  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
City of Hudson,	GRANT_RECIP	ACTIVE	12/20/1990	12/31/1997	City of Hudson	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Issue News/Media Release		12/20/1990	12/31/1997	PROPOSED

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Grant Awarded	1) Comprehensive mapping of Lake Mallalieu drainage basin topography (including slopes analysis), soils, and land uses, (as described on pgs. 2-3 of 'professional services description' in application). 2) Update bathymetric map of lake, (map will be used as base for aquatic plant survey). 3) Research existing law and enforcement alternatives related to septic systems. 4) Pursue existing research into groundwater pollution. 5) Water quality monitoring to be conducted at one site during springturnover and five times during the summer (June - Sept.). Sampling parameters and protocol as described on pgs. 1-3 of Barr Engineering proposal in application. In addition fecal coliform sampling is to be conducted with each monitoring session (total of 6 times). 6) Detailed macrophyte survey will be done according to DNR protocols and shall include mapping of the distribution of purple loosestrife within the lake and its riparian borders. 7) Maintain public awareness through Lakes Association newsletter, periodic attendance at public meetings, and newspaper and TV an/or radio press releases. 8) Prepare and distribute interim general report to include all data collected during project.	12/20/1990		COMPLETE
Informational Meetings		12/20/1990	12/31/1997	PROPOSED
Monitor Water Quality or Sediment		12/20/1990	12/31/1997	PROPOSED
Map Invasive Species		12/20/1990	12/31/1997	PROPOSED
Map Depth of Lake (Bathymetry)		12/20/1990	12/31/1997	PROPOSED
Develop/Distribute Newsletter		12/20/1990	12/31/1997	PROPOSED
Aquatic Plant Monitoring or Survey		12/20/1990	12/31/1997	PROPOSED
Watershed Mapping or Assessment		12/20/1990	12/31/1997	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
2607100	1	Mallalieu Lake	Mallalieu Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
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### Methods

Method Code	Description
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## Wisconsin Department of Natural Resources SWIMS Project Summary

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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### Documents

Title	Description	Author	Published	Comments
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### Budget

Combined Budgets:

Combined SLOH:

Combined Total:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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