

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** SPL-335-14

**Name:** BIG ARBOR VITAE LAKE ASSOC: Big Arbor Vitae Lake Beaver Dam Phosphorus Monitoring

**Type:** Lakes Grant

**Subtype:** Small Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2014

**End Date:** 12/31/2015

**Purpose:** Big Arbor Vitae Lake Association is sponsoring a small scale lake planning grant to conduct a phosphorous monitoring study on Big Arbor Vitae Lake in Vilas County.

Project activities include: 1) Phosphorous sampling; 2) Data analysis; 3) Develop final report.

Project deliverables include: 1) Phosphorous samples and data; 2) Final report.

Specific conditions for this project: - Final report needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of final report.

**Objective:**

**Comments:** Grantee is BIG ARBOR VITAE LAKE ASSOC

**Outcome:**

**Study Design:**

**QA Measures:**

People

| Name                           | Role            | Status | Start Date | End Date  | Organization                     | Comments |
|--------------------------------|-----------------|--------|------------|-----------|----------------------------------|----------|
| Big Arbor Vitae Lake Associati | GRANT_RECIPIENT | ACTIVE | 4/1/2014   | 6/30/2015 | Big Arbor Vitae Lake Association |          |
| Cibulka, Dan                   | TEAM_MEMBER     | ACTIVE | 9/5/2014   |           | Onterra, LLC                     |          |
| Hoyman, Tim                    | TEAM_MEMBER     | ACTIVE | 12/8/2014  |           | Onterra, LLC                     |          |

Project Statuses

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

Actions

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| Action                              | Detailed Description                                                                                                                                                                                                                                                                                                                                              | Start Date | End Date  | Status   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|
| Grant Awarded                       | Big Arbor Vitae Lake Association is sponsoring a small scale lake planning grant to conduct a phosphorous monitoring study on Big Arbor Vitae Lake in Vilas County.<br><br>Project activities include: 1) Phosphorous sampling; 2) Data analysis; 3) Develop final report.<br><br>Project deliverables include: 1) Phosphorous samples and data; 2) Final report. | 4/1/2014   | 6/30/2015 | COMPLETE |
| Wastewater Monitoring or Management | conduct a phosphorous monitoring study                                                                                                                                                                                                                                                                                                                            | 4/1/2014   | 6/30/2015 | PROPOSED |
| Project Deliverable                 | Final Report                                                                                                                                                                                                                                                                                                                                                      | 4/1/2014   | 6/30/2015 | PROPOSED |

Monitoring Stations

| Station ID | Name                                      | Comments |
|------------|-------------------------------------------|----------|
| 10042121   | Big Arbor Vitae Lake (E1)                 |          |
| 10042118   | Big Arbor Vitae Lake (W1)                 |          |
| 10042119   | Big Arbor Vitae Lake (W2)                 |          |
| 10042120   | Big Arbor Vitae Lake (W3)                 |          |
| 10021210   | Unnamed Stream At Myhres Rd               |          |
| 10042122   | Unnamed Trib to Big Arbor Vitae Lake (E2) |          |
| 10042123   | Unnamed Trib to Big Arbor Vitae Lake (E3) |          |

Assessment Units

| WBIC    | Segment | Local Name                           | Official Name        |
|---------|---------|--------------------------------------|----------------------|
| 1545600 | 1       | Big Arbor Vitae Lake                 | Big Arbor Vitae Lake |
| 1545700 | 1       | Unnamed Trib to Big Arbor Vitae Lake | Unnamed              |
| 1545700 | 2       | Unnamed Trib to Big Arbor Vitae Lake | Unnamed              |
| 1827600 | 1       | Creek 14-13                          | Unnamed              |
| 5509824 | 1       | Local Water                          | Unnamed              |

Lab Account Codes

| Account Code | Description                     | Start Date | End Date  |
|--------------|---------------------------------|------------|-----------|
| LM020        | LAKE MANAGEMENT PLANNING GRANTS | 4/18/2013  | 6/30/2014 |
| LM021        | LAKE MANAGEMENT PLANNING GRANTS | 3/26/2014  | 6/30/2015 |

Forms

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

Methods

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

## Wisconsin Department of Natural Resources SWIMS Project Summary

### Fieldwork Events

| Start Date       | Status   | Field ID | Station ID | Station Name                              |
|------------------|----------|----------|------------|-------------------------------------------|
| 6/25/2014 14:17  | COMPLETE | BAVE3    | 10042123   | Unnamed Trib to Big Arbor Vitae Lake (E3) |
| 6/25/2014 14:28  | COMPLETE | BAVE2    | 10042122   | Unnamed Trib to Big Arbor Vitae Lake (E2) |
| 6/25/2014 15:02  | COMPLETE | BAVE1    | 10042121   | Big Arbor Vitae Lake (E1)                 |
| 6/25/2014 15:02  | COMPLETE | BAVE1    | 10042121   | Big Arbor Vitae Lake (E1)                 |
| 6/25/2014 16:30  | COMPLETE | BAVW3    | 10021210   | Unnamed Stream At Myhres Rd               |
| 6/25/2014 17:10  | COMPLETE | BAVW2    | 10042119   | Big Arbor Vitae Lake (W2)                 |
| 6/25/2014 17:15  | COMPLETE | BAVW1    | 10042118   | Big Arbor Vitae Lake (W1)                 |
| 8/19/2014 12:23  | COMPLETE | BAVW1    | 10042118   | Big Arbor Vitae Lake (W1)                 |
| 8/19/2014 12:35  | COMPLETE | BAVW2    | 10042119   | Big Arbor Vitae Lake (W2)                 |
| 8/19/2014 13:00  | COMPLETE | BAVW3    | 10042120   | Big Arbor Vitae Lake (W3)                 |
| 8/19/2014 14:08  | COMPLETE | BAVE1    | 10042121   | Big Arbor Vitae Lake (E1)                 |
| 8/19/2014 14:41  | COMPLETE | BAVE2    | 10042122   | Unnamed Trib to Big Arbor Vitae Lake (E2) |
| 8/19/2014 15:06  | COMPLETE | BAVE3    | 10042123   | Unnamed Trib to Big Arbor Vitae Lake (E3) |
| 10/23/2014 9:05  | COMPLETE | BAVW1    | 10042118   | Big Arbor Vitae Lake (W1)                 |
| 10/23/2014 9:16  | COMPLETE | BAVW2    | 10042119   | Big Arbor Vitae Lake (W2)                 |
| 10/23/2014 9:40  | COMPLETE | BAVW3    | 10042120   | Big Arbor Vitae Lake (W3)                 |
| 10/23/2014 10:25 | COMPLETE | BAVE1    | 10042121   | Big Arbor Vitae Lake (E1)                 |
| 10/23/2014 10:35 | COMPLETE | BAVE2    | 10042122   | Unnamed Trib to Big Arbor Vitae Lake (E2) |
| 10/23/2014 10:45 | COMPLETE | BAVE3    | 10042123   | Unnamed Trib to Big Arbor Vitae Lake (E3) |
| 2/23/2015 12:45  | COMPLETE | BAVW1    | 10042118   | Big Arbor Vitae Lake (W1)                 |
| 2/23/2015 13:00  | COMPLETE | BAVW2    | 10042119   | Big Arbor Vitae Lake (W2)                 |
| 2/23/2015 14:30  | COMPLETE | BAVE1    | 10042121   | Big Arbor Vitae Lake (E1)                 |
| 2/23/2015 14:45  | COMPLETE | BAVE2    | 10042122   | Unnamed Trib to Big Arbor Vitae Lake (E2) |
| 2/23/2015 15:00  | COMPLETE | BAVE3    | 10042123   | Unnamed Trib to Big Arbor Vitae Lake (E3) |

### Documents

| Title                                                                       | Description                        | Author                     | Published | Comments |
|-----------------------------------------------------------------------------|------------------------------------|----------------------------|-----------|----------|
| Beaver Dam Phosphorus Study Report April 2015 [WBIC 1545600]                | Phosphorus study report April 2015 | Dan Cibulka and Tim Hoyman | 4/1/2015  |          |
| Big Arbor Vitae Lake Beaver Dam Phosphorus Monitoring Application Materials |                                    | Onterra, LLC               | 2/1/2014  |          |
| Big Arbor Vitae Phosphorus Monitoring Grant Resolution                      |                                    | Neal T Kania               | 1/17/2014 |          |

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|                                                               |  |                  |          |  |
|---------------------------------------------------------------|--|------------------|----------|--|
| Big Arbor Vitae Phosphorus<br>Monitoring Letter of<br>Support |  | Marquita Sheehan | 2/3/2014 |  |
|---------------------------------------------------------------|--|------------------|----------|--|

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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