

# Oneida Business Committee



**Executive Session**  
**10:30 AM Tuesday, June 07, 2022**  
**BC Conference Room, 2nd floor, Norbert Hill Center**

**Regular Meeting**  
**1:00 PM Wednesday, June 08, 2022**  
**BC Conference Room, 2nd floor, Norbert Hill Center**

## Agenda

---

*Meeting agenda is available here: [oneida-nsn.gov/government/business-committee/agendas-packets/](https://oneida-nsn.gov/government/business-committee/agendas-packets/). Materials for the "General Tribal Council" section of the agenda, if any, are available to enrolled members of the Oneida Nation; to obtain a copy, visit the Government Administrative Office, 2nd floor, Norbert Hill Center and present a valid Tribal I.D. or go to <https://goo.gl/uLp2jE>. Scheduled times are subject to change.*

### **I. CALL TO ORDER**

### **II. OPENING**

### **III. ADOPT THE AGENDA**

### **IV. OATH OF OFFICE**

- A. Audit Committee - James Skenandore Jr. - Administered Oath of Office on May 19, 2022**  
Sponsor: Lisa Liggins, Secretary

### **V. MINUTES**

- A. Approve the May 20, 2022, emergency Business Committee meeting minutes**  
Sponsor: Lisa Liggins, Secretary
- B. Approve the May 25, 2022, regular Business Committee meeting minutes**  
Sponsor: Lisa Liggins, Secretary

### **VI. RESOLUTIONS**

- A. Adopt resolution entitled Emergency Adoption of the Oneida Nation Assistance Fund Law**  
Sponsor: David P. Jordan, Councilman

**VII. STANDING COMMITTEES****A. LEGISLATIVE OPERATING COMMITTEE**

1. **Accept the May 18, 2022, regular Legislative Operating Committee meeting minutes**

Sponsor: David P. Jordan, Councilman

**VIII. STANDING ITEMS**

- A. **ARPA FRF Updates and Requests/Proposals** (*none*)

**IX. NEW BUSINESS**

- A. **Approve two (2) actions - CDC #21-114 - Sacred Burial Grounds Expansion**

Sponsor: Mark W. Powless, General Manager

- B. **Approve contract amendment - Memorandum of Understanding with Brothertown Indian Nation - file # 2016-0432** (*1:30 p.m.*)

Sponsor: Melinda J. Danforth, Director/Intergovernmental Affairs

- C. **Support the designation of June 19 as an Oneida Nation paid holiday for the Juneteenth National Independence Day and forward to the Legislative Operating Committee for review**

Sponsor: Lisa Liggins, Secretary

- D. **Enter the e-poll results into the record regarding the approved exception to resolution # BC-01-12-22-A to start the regular Business Committee meeting on May 25, 2022, at 1:00 p.m.**

Sponsor: Lisa Liggins, Secretary

**X. GENERAL TRIBAL COUNCIL**

- A. **Approve the notice and meeting materials for the tentatively scheduled July 19, 2022, semi-annual General Tribal Council meeting**

Sponsor: Lisa Liggins, Secretary

- B. **Schedule a special General Tribal Council meeting to address three (3) pending petitions and approve the meeting materials and notice**

Sponsor: Lisa Liggins, Secretary

- C. **Schedule a special General Tribal Council meeting to address FY-2023 budget**

Sponsor: Lisa Liggins, Secretary

**XI. EXECUTIVE SESSION****A. REPORTS**

1. **Accept the Chief Counsel report**  
Sponsor: Jo Anne House, Chief Counsel
2. **Accept the General Manager report (11:00 a.m.)**  
Sponsor: Mark W. Powless, General Manager

**B. AUDIT COMMITTEE**

1. **Accept the Bingo compliance audit and lift the confidentiality requirement**  
Sponsor: David P. Jordan, Councilman
2. **Accept the Controlled Keys compliance audit and lift the confidentiality requirement**  
Sponsor: David P. Jordan, Councilman
3. **Accept the BC Members Credit Card Activity operational audit and lift the confidentiality requirement**  
Sponsor: David P. Jordan, Councilman
4. **Accept the Oneida Recreation performance assurance audit and lift the confidentiality requirement**  
Sponsor: David P. Jordan, Councilman
5. **Accept the April 21, 2022, regular Audit Committee meeting minutes**  
Sponsor: David P. Jordan, Councilman

**C. NEW BUSINESS**

1. **Determine next steps regarding the Gaming wage chart (10:30 a.m.)**  
Sponsor: Louise Cornelius, Gaming General Manager
2. **Deliberations regarding pardon application - Douglas J. Haven**  
Sponsor: Eric Boulanger, Chair/Pardon and Forgiveness Screening Committee
3. **Approve attorney contract - Legislative Reference Office - file # 2022-0389**  
Sponsor: David P. Jordan, Councilman

**XII. ADJOURN**

Posted on the Oneida Nation's official website, [www.oneida-nsn.gov](http://www.oneida-nsn.gov) pursuant to the Open Records and Open Meetings law (§ 107.14.)

The meeting packet of the open session materials for this meeting is available by going to the Oneida Nation's official website at: [oneida-nsn.gov/government/business-committee/agendas-packets/](http://oneida-nsn.gov/government/business-committee/agendas-packets/)

For information about this meeting, please call the Government Administrative Office at (920) 869-4364 or (800) 236-2214

Audit Committee - James Skenandore Jr. - Administered Oath of Office on May 19, 2022

---

## Business Committee Agenda Request

**1. Meeting Date Requested:** 06/08/22

**2. General Information:**

Session:  Open  Executive – must qualify under §107.4-1.

Justification: *Choose reason for Executive.*

**3. Supporting Documents:**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Bylaws                    | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation           |
| <input type="checkbox"/> Contract Document(s)      | <input type="checkbox"/> Law                     | <input type="checkbox"/> Report                 |
| <input checked="" type="checkbox"/> Correspondence | <input type="checkbox"/> Legal Review            | <input type="checkbox"/> Resolution             |
| <input type="checkbox"/> Draft GTC Notice          | <input type="checkbox"/> Minutes                 | <input type="checkbox"/> Rule (adoption packet) |
| <input type="checkbox"/> Draft GTC Packet          | <input type="checkbox"/> MOU/MOA                 | <input type="checkbox"/> Statement of Effect    |
| <input type="checkbox"/> E-poll results/back-up    | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents       |
| <input type="checkbox"/> Other: <i>Describe</i>    |  |   |

**4. Budget Information:**

- |  |  |                                     |
|--|--|-------------------------------------|
| <input type="checkbox"/> Budgeted                  | <input type="checkbox"/> Budgeted – Grant Funded | <input type="checkbox"/> Unbudgeted |
| <input checked="" type="checkbox"/> Not Applicable | <input type="checkbox"/> Other: <i>Describe</i>  |                                     |

**5. Submission:**

Authorized Sponsor: Lisa Liggins, Secretary

Primary Requestor: Brooke Doxtator, BCC Supervisor

Additional Requestor: (Name, Title/Entity)

Additional Requestor: (Name, Title/Entity)

Submitted By: BDOXTAT1



## Memorandum

TO: Oneida Business Committee

FROM: Brooke Doxtator, BCC Supervisor 

DATE: May 25, 2022

RE: Oath of Office – Audit Committee

---

### Background

On April 27, 2022, the Oneida Business Committee appointed James Skenandore Jr. to the Audit Committee.

James's oath would have been scheduled for the Oneida Business Committee meeting on May 11, 2022; however, he was unable to attend. Other arrangements to administer his oath were made in accordance with the Boards, Committees, and Commissions law.

“§105.9-1 (b) If an oath is administered outside of an Oneida Business Committee meeting, a quorum of Oneida Business Committee members shall be present to witness the oath.”

On May 19, 2022, Secretary Lisa Liggins administered the oath of office to James Skenandore. The following Oneida Business Committee members present: David P. Jordan, Lisa Liggins, Brandon Stevens, Marie Summers, and Jennifer Webster.

Approve the May 20, 2022, emergency Business Committee meeting minutes

---

## Business Committee Agenda Request

**1. Meeting Date Requested:** 06/08/22

**2. General Information:**

Session:  Open  Executive – must qualify under §107.4-1.  
Justification: *Choose reason for Executive.*

**3. Supporting Documents:**

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Bylaws                 | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation           |
| <input type="checkbox"/> Contract Document(s)   | <input type="checkbox"/> Law                     | <input type="checkbox"/> Report                 |
| <input type="checkbox"/> Correspondence         | <input type="checkbox"/> Legal Review            | <input type="checkbox"/> Resolution             |
| <input type="checkbox"/> Draft GTC Notice       | <input checked="" type="checkbox"/> Minutes      | <input type="checkbox"/> Rule (adoption packet) |
| <input type="checkbox"/> Draft GTC Packet       | <input type="checkbox"/> MOU/MOA                 | <input type="checkbox"/> Statement of Effect    |
| <input type="checkbox"/> E-poll results/back-up | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents       |
| <input type="checkbox"/> Other: <i>Describe</i> |  |   |

**4. Budget Information:**

- |  |  |                                     |
|--|--|-------------------------------------|
| <input type="checkbox"/> Budgeted                  | <input type="checkbox"/> Budgeted – Grant Funded | <input type="checkbox"/> Unbudgeted |
| <input checked="" type="checkbox"/> Not Applicable | <input type="checkbox"/> Other: <i>Describe</i>  |                                     |

**5. Submission:**

Authorized Sponsor: Lisa Liggins, Secretary

Primary Requestor: \_\_\_\_\_

Additional Requestor: (Name, Title/Entity)

Additional Requestor: (Name, Title/Entity)

Submitted By: CELLIS1

**DRAFT****Oneida Business Committee**

Emergency Meeting  
2:30 PM Friday, May 20, 2022  
Virtual Meeting - Microsoft Teams<sup>1</sup>

**Minutes****EMERGENCY MEETING**

**Present:** Chairman Tehassi Hill, Vice-Chairman Brandon Stevens, Secretary Lisa Liggins, Council members: David P. Jordan, Marie Summers;

**Not Present:** Treasurer Tina Danforth, Councilman Daniel Guzman King;

**Arrived at:** Councilwoman Jennifer Webster at 2:36 p.m., Councilman Kirby Metoxen at 2:37 p.m.;

**Others present:** Jo Anne House, Larry Barton, Louise Cornelius, Melinda J. Danforth, Mark W. Powless, Kaylynn Gresham, Loucinda Conway, Danelle Wilson, Rhiannon Metoxen, Kristal Hill, Amy Spears, Rae Skenandore, Justin Nishimoto, Lisa Summers, Melanie Burkhart, Jameson Wilson, Shannon Davis, Carol Silva, Aliskwet Ellis;

**I. CALL TO ORDER**

*Meeting called to order by Chairman Tehassi Hill at 2:30 p.m.*

*For the record: Councilman Daniel Guzman King is on vacation. Treasurer Tina Danforth is unable to attend due to prior commitment.*

**II. OPENING**

*Opening provided by Chairman Tehassi Hill.*

**III. ADOPT THE AGENDA**

Motion by Brandon Stevens to adopt the agenda as presented, seconded by David P. Jordan. Motion carried:

Ayes:	David P. Jordan, Lisa Liggins, Brandon Stevens, Marie Summers
Not Present:	Tina Danforth, Daniel Guzman King, Kirby Metoxen, Jennifer Webster

<sup>1</sup> Microsoft Teams is software which provides a communication and collaboration platform for workplace chat, file sharing, and video meetings.

**DRAFT****IV. GENERAL TRIBAL COUNCIL****A. Cancel the special General Tribal Council meeting tentatively scheduled on May 31, 2022**

Sponsor: Tehassi Hill, Chairman

*Due to a Microsoft Teams connection issue<sup>2</sup>, Councilwoman Jennifer Webster arrived at 1:36 p.m.**Due to a Microsoft Teams connection issue, Councilman Kirby Metoxen arrived at 1:37 p.m.**Roll call for the record:**Present: Chairman Tehassi Hill; Councilman David P. Jordan; Secretary Lisa Liggins; Councilman Kirby Metoxen; Vice-Chairman Brandon Stevens; Councilwoman Marie Summers; Councilwoman Jennifer Webster;**Not Present: Treasurer Tina Danforth; Councilman Daniel Guzman King;**For the record: Councilwoman Jennifer Webster stated I'm scheduled for vacation today.*

Motion by Jennifer Webster to cancel the special General Tribal Council meeting tentatively scheduled on May 31, 2022, due to the increased COVID-19 Community Levels, seconded by Brandon Stevens. Motion carried:

Ayes: David P. Jordan, Lisa Liggins, Kirby Metoxen, Brandon Stevens, Marie Summers, Jennifer Webster

Not Present: Tina Danforth, Daniel Guzman King

*For the record: Councilwoman Marie Summers stated Today, two memos were submitted to the Oneida Business Committee with two different recommendations. The first memo was submitted at 8:03 in the morning and after 30-minutes or so of a discussion which included the Public Health Officer regarding the memo being unclear and a discussion surrounding cancelling the May 31, 2022, GTC meeting, the Public [Health] Officer was directed to resubmit another memo, which was submitted about 9:53. In my humble opinion, I believe both memos are misleading and because of the 30-minute or so conversation, the revised memo itself was changed and the last three paragraphs on page 2 were removed or altered drastically. In addition, the Milwaukee, WI covid-19 rates being at a high level was also discussed; however, that data is not specifically noted in the memo. When I take such important considerations under review, such as whether to cancel a GTC meeting or not, I need complete clarity and today I was presented with two varying memos which left me confused. Because of this skewed information I will have to abstain from this vote. Thank you.*

*For the record: Secretary Lisa Liggins stated Treasurer Tina Danforth submitted her comments in writing as she is unable to be here today. Those comments will be included in the [certified] meeting packet as well as Councilwoman Marie Summers's comments.*

*For the record: Secretary Lisa Liggins stated the initial memorandum from the Public Health Officer was reviewed at the 8:30 a.m. BC caucus. At that meeting, the Public Health Officer provided a verbal recommendation to cancel the 5/31 GTC meeting. The updated memorandum which was issued at 9:53 a.m. puts that verbal recommendation into writing. Thank you.*

---

<sup>2</sup> Per section 5.3 of the OBC Virtual Meeting SOP, "All OBC members shall keep his or her video camera on during the entire virtual meeting." Due to a Microsoft Teams connection issue, Councilwoman Webster and Councilman Metoxen were unable use their video cameras upon their arrival and for the duration of the meeting.



# DRAFT

*For the record: Councilwoman Jennifer Webster stated taking into consideration, working with the recommendation from the Public Health Officer, with her recommendation to not to hold a GTC, taking into the consideration the health disparities of our community, common sense tells me that we cannot put 1,500 to 1,600 in a room together when these rates are increasing. Thank you.*

*For the record: Councilwoman Marie Summers stated during the first meeting a memo was submitted along with a verbal recommendation and what was stated in the memo and what was verbally recommended did not match. The information provided became a conflict for me. And as far as the common sense of this whole entire thing, we're basing it on data and this is medium to low right now, it stated in the memo, but so we're basing our decision on a low to medium type. We don't know where this is going; we don't know what's going to happen in the next seven days. So I can't agree that common sense is involved here. I think we need to look at the data. Thank you.*

## V. ADJOURN

Motion by David P. Jordan to adjourn at 2:51 p.m., seconded by Marie Summers. Motion carried:

Ayes:	David P. Jordan, Lisa Liggins, Kirby Metoxen, Brandon Stevens, Marie Summers, Jennifer Webster
Not Present:	Tina Danforth, Daniel Guzman King

Minutes prepared by Lisa Liggins, Secretary.  
Minutes approved as presented on \_\_\_\_\_.

\_\_\_\_\_  
Lisa Liggins, Secretary  
ONEIDA BUSINESS COMMITTEE

Approve the May 25, 2022, regular Business Committee meeting minutes

---

## Business Committee Agenda Request

**1. Meeting Date Requested:** 06/08/22

**2. General Information:**

Session:  Open  Executive – must qualify under §107.4-1.

Justification: *Choose reason for Executive.*

**3. Supporting Documents:**

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Bylaws                 | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation           |
| <input type="checkbox"/> Contract Document(s)   | <input type="checkbox"/> Law                     | <input type="checkbox"/> Report                 |
| <input type="checkbox"/> Correspondence         | <input type="checkbox"/> Legal Review            | <input type="checkbox"/> Resolution             |
| <input type="checkbox"/> Draft GTC Notice       | <input checked="" type="checkbox"/> Minutes      | <input type="checkbox"/> Rule (adoption packet) |
| <input type="checkbox"/> Draft GTC Packet       | <input type="checkbox"/> MOU/MOA                 | <input type="checkbox"/> Statement of Effect    |
| <input type="checkbox"/> E-poll results/back-up | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents       |
| <input type="checkbox"/> Other: <i>Describe</i> |  |   |

**4. Budget Information:**

- |  |  |                                     |
|--|--|-------------------------------------|
| <input type="checkbox"/> Budgeted                  | <input type="checkbox"/> Budgeted – Grant Funded | <input type="checkbox"/> Unbudgeted |
| <input checked="" type="checkbox"/> Not Applicable | <input type="checkbox"/> Other: <i>Describe</i>  |                                     |

**5. Submission:**

Authorized Sponsor: Lisa Liggins, Secretary

Primary Requestor: \_\_\_\_\_

Additional Requestor: (Name, Title/Entity)

Additional Requestor: (Name, Title/Entity)

Submitted By: CELLIS1

**DRAFT****Oneida Business Committee**

**Executive Session**  
**8:30 AM Tuesday, May 24, 2022**  
 BC Conference Room, 2nd floor, Norbert Hill Center

**Regular Meeting**  
**1:00 PM Wednesday, May 25, 2022**  
 BC Conference Room, 2nd floor, Norbert Hill Center

**Minutes****EXECUTIVE SESSION**

**Present:** Chairman Tehassi Hill, Vice-Chairman Brandon Stevens, Treasurer Tina Danforth, Secretary Lisa Liggins, Councilwoman Jennifer Webster;

**Arrived at:** n/a

**Not Present:** Council members: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers;

**Others present:** Jo Anne House, Larry Barton, Louise Cornelius, Melinda J. Danforth, Mark W. Powless, Todd VanDen Heuvel, Debra Powless, Kaylyn Gresham, Lisa Summers, Loucinda Conway, Danelle Wilson, Justin Nishimoto, Kristal Hill, Amy Spears, Ralinda Ninham-Lamberies, Shane Archiquette, Debra Danforth, Jacque Boyle, Jason Doxtator, Josephine Skenandore, Eric Bristol, Lori Hill, Jeff Bowman, Jeanne Calhoun, Nathan King, Jeff House;

**REGULAR MEETING**

**Present:** Chairman Tehassi Hill, Vice-Chairman Brandon Stevens, Treasurer Tina Danforth, Secretary Lisa Liggins, Councilwoman Jennifer Webster;

**Arrived at:** n/a

**Not Present:** Council members: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers;

**Others present:** Jo Anne House, Larry Barton, Mark W. Powless (via Microsoft Teams<sup>1</sup>), Melinda J. Danforth (via Microsoft Teams), Todd VanDen Heuvel (via Microsoft Teams), Katsitsiyo Danforth (via Microsoft Teams), Louise Cornelius (via Microsoft Teams), Danelle Wilson (via Microsoft Teams), Amy Spears (via Microsoft Teams), Justin Nishimoto (via Microsoft Teams), Loucinda Conway (via Microsoft Teams), Clorissa Santiago (via Microsoft Teams), Lisa Summers (via Microsoft Teams), Ralinda Ninham-Lamberies, Melanie Burkhart (via Microsoft Teams), Jacy Rasmussen (via Microsoft Teams), Jameson Wilson (via Microsoft Teams), Christopher Johnson (via Microsoft Teams), Patricia King (via Microsoft Teams), Debbie Melchert (via Microsoft Teams), Brooke Doxtator (via Microsoft Teams), Shannon Davis (via Microsoft Teams), Carol Silva (via Microsoft Teams), Jeff Bowman (via Microsoft Teams), Jeanne Calhoun (via Microsoft Teams), Nancy Barton, Carla Clark, Diane Wilson, Ivory Kelley, Lauren Hartman, Mike Debraska (via Microsoft Teams), Aliskwet Ellis;

**I. CALL TO ORDER**

*Meeting called to order by Chairman Tehassi Hill at 1:04 p.m.*

*For the record: Councilman David P. Jordan, Councilman Kirby Metoxen, and Councilwoman Marie Summers are out on approved travel attending the Reservation Economic Summit 2022 in Las Vegas, NV. Councilman Daniel Guzman King is out on vacation time.*

<sup>1</sup> Microsoft Teams is software which provides a communication and collaboration platform for workplace chat, file sharing, and video meetings.

**DRAFT****II. OPENING (00:00:05)**

*Opening provided by Councilwoman Jennifer Webster.*

*Item III. was addressed next.*

**A. Employee Retirement Recognition - Carla Clark (00:06:35)**

Sponsor: Mark W. Powless, General Manager

*Special recognition for retirement after 34 years of service by the Oneida Business Committee for Carla Clark.*

*Item IV.A. was addressed next.*

**III. ADOPT THE AGENDA (00:00:50)**

Motion by Brandon Stevens to adopt the agenda with four (4) additions [1) under the Opening section, add item entitled Employee Retirement Recognition - Carla Clark; 2) under the Resolutions section, add item entitled Adopt resolution entitled Fiscal Year 2023 Budget Considerations and Calendar; 3) under the ARPA FRF and Tribal Contribution Savings Submissions section, add item entitled Consider request from the Oneida Community Lacrosse Program; and 4) under the General Tribal Council section, add item entitled Approve three actions regarding upcoming GTC meeting agendas and suggested adjustments], seconded by Lisa Liggins. Motion carried:

Ayes: Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Abstained: Tina Danforth  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

Motion by Tina Danforth to amend the main motion the agenda with three (3) additions [1) under the Opening section, add item entitled Employee Retirement Recognition - Carla Clark; 2) under the Resolutions section, add item entitled Adopt resolution entitled Fiscal Year 2023 Budget Considerations and Calendar; and 3) under the General Tribal Council section, add item entitled Approve three actions regarding upcoming GTC meeting agendas and suggested adjustments]. Motion failed due to lack of support.

*Item II.A. was addressed next.*

**IV. MINUTES****A. Approve the May 11, 2022, regular Business Committee meeting minutes (00:08:55)**

Sponsor: Lisa Liggins, Secretary

Motion by Lisa Liggins to approve the May 11, 2022, regular Business Committee meeting minutes, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**DRAFT****V. RESOLUTIONS****A. Adopt resolution entitled Fiscal Year 2023 Budget Considerations and Calendar (00:09:25)**

Sponsor: Tina Danforth, Treasurer

Motion by Lisa Liggins to adopt resolution entitled 05-25-22-A Fiscal Year 2023 Budget Considerations and Calendar with one (1) addition [1] in line 55 after 2022, add "in accordance with section 121.5-4.(b)(1) of the Budget and Finances Law", seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

Motion by Lisa Liggins to direct the Secretary to bring back some potential dates as close as possible to September 28, 2022, for a special General Tribal Council meeting to the June 8, 2022, regular Business Committee meeting, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**VI. STANDING COMMITTEES****A. FINANCE COMMITTEE****1. Accept the May 2, 2022, regular Finance Committee meeting minutes (00:28:54)**

Sponsor: Tina Danforth, Treasurer

Motion by Jennifer Webster to accept the May 2, 2022, regular Finance Committee meeting minutes, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**2. Accept the May 16, 2022, regular Finance Committee meeting minutes (00:29:17)**

Sponsor: Tina Danforth, Treasurer

Motion by Jennifer Webster to accept the May 16, 2022, regular Finance Committee meeting minutes, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**DRAFT****B. LEGISLATIVE OPERATING COMMITTEE**

- 1. Accept the May 4, 2022, regular Legislative Operating Committee meeting minutes (00:29:34)**

Sponsor: David P. Jordan, Councilman

Motion by Jennifer Webster to accept the May 4, 2022, regular Legislative Operating Committee meeting minutes, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**VII. STANDING ITEMS****A. ARPA FRF and Tribal Contribution Savings Submissions**

- 1. Consider request regarding funding for the Food Card Distribution for 2022 and 2023 utilizing unexpended Tribal Contribution Savings (00:29:55)**

Sponsor: Nancy Barton, Tribal Member

Motion by Lisa Liggins to direct the General Manager to submit to the FRF Revenue Loss TC Request portal a request for the Food Card Distribution for 2022 and 2023 utilizing Tribal Contribution Savings by June 1, 2022, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

*For the record: Treasurer Tina Danforth stated that the intent of the food card is for the value of five-hundred dollars. I know in the past, sometimes when we're not clear, the results are different or there's a different interpretation of what the intent was.*

**DRAFT****2. Consider request from the Oneida Community Lacrosse Program (00:49:42)**

Sponsor: Lisa Summers, OCLP Board Member

Motion by Lisa Liggins to forward the request to the Economic Development Diversification and Community Development team and to direct Amy Spears to assist the team in developing a resolution and recommendation to bring back to the June 22, 2022, regular Business Committee meeting, seconded by Jennifer Webster. Motion carried:

Ayes: Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Abstained: Tina Danforth  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

*For the record: Treasurer Tina Danforth stated I am abstaining because [1) I don't have enough information; 2) it has been rushed; and 3) there was a question about the \$50,000 requirement, but now I am hearing that it's not going to go the portal and may potentially go to the Community Development Economic fund]. So, it's just too much for me to really support and get behind without really having the ability to thoroughly vet this. Thank you.*

Motion by Lisa Liggins to amend the main motion to bring back to the July 13, 2022, regular Business Committee meeting, seconded by Jennifer Webster. Motion carried:

Ayes: Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Abstained: Tina Danforth  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**VIII. TRAVEL REPORTS****A. Approve the travel report - Secretary Lisa Liggins - 2021 TribalNet Conference and Tradeshow - Grapevine, TX - November 7-11, 2021 (01:04:57)**

Sponsor: Lisa Liggins, Secretary

Motion by Jennifer Webster to approve the travel report from Secretary Lisa Liggins for the 2021 TribalNet Conference and Tradeshow in Grapevine, TX - November 7-11, 2021, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

Motion by Lisa Liggins to forward the topic of Change Management/Chief Innovation Officer to the July 19, 2022, BC work session for further discussion, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**DRAFT**

- B. Approve the travel report - Councilman Kirby Metoxen - 2022 Aianta Board Retreat - Albuquerque, NM - May 2-5, 2022 (01:07:20)**  
Sponsor: Kirby Metoxen, Councilman

Motion by Jennifer Webster to approve the travel report from Councilman Kirby Metoxen for the 2022 Aianta Board Retreat in Albuquerque, NM - May 2-5, 2022, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

- C. Approve the travel report - Councilwoman Jennifer Webster - 2022 Annual Department of Children and Families Tribal Consultation meeting - Baraboo, WI - May 9-10, 2022 (01:07:43)**  
Sponsor: Jennifer Webster, Councilwoman

Motion by Lisa Liggins to approve the travel report from Councilwoman Jennifer Webster for the 2022 Annual Department of Children and Families Tribal Consultation meeting in Baraboo, WI - May 9-10, 2022, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**IX. TRAVEL REQUESTS**

- A. Enter the e-poll results into the record regarding the approved travel request for Vice-Chairman Brandon Stevens to attend the Board of Regents Meeting in Lawrence, KS - May 11-13, 2022 (01:08:09)**  
Sponsor: Lisa Liggins, Secretary

Motion by Jennifer Webster to enter the e-poll results into the record regarding the approved travel request for Vice-Chairman Brandon Stevens to attend the Board of Regents Meeting in Lawrence, KS - May 11-13, 2022, seconded by Lisa Liggins. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**X. NEW BUSINESS**

- A. Review the Accounting and Audit (Chapter 14) Oneida Gaming Minimum Internal Control Standards and determine next steps (01:08:35)**  
Sponsor: Mark A. Powless, Sr., Chair/Oneida Gaming Commission

Motion by Lisa Liggins to accept the Oneida Gaming Minimum Internal Control Standards Chapter 14 - Accounting and Audit approved by the Oneida Gaming Commission on May 4, 2022, and direct notice to the Oneida Gaming Commission there are no requested revisions under section § 501.6-14(d), seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers



**DRAFT**

- B. Post ten (10) vacancies for alternates for 2022 Special Election - Oneida Election Board (01:10:23)**  
Sponsor: Lisa Liggins, Secretary

Motion by Lisa Liggins to post ten (10) vacancies for alternates for 2022 Special Election, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

- C. Rescind the Joint Marketing Team charter and dissolve the Joint Marketing Team (01:10:44)**  
Sponsor: Lisa Liggins, Secretary

Motion by Lisa Liggins to rescind the Joint Marketing Team charter and dissolve the Joint Marketing Team, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

*The Oneida Business Committee, by consensus, took a five minute recess at 2:20 p.m.*

*Meeting called to order by Chairman Tehassi Hill at 2:25 p.m.*

*Roll call for the record:*

*Present: Chairman Tehassi Hill; Vice-Chairman Brandon Stevens; Treasurer Tina Danforth; Secretary Lisa Liggins; Councilwoman Jennifer Webster;  
Not Present: Councilman Daniel Guzman King; Councilman David P. Jordan; Councilman Kirby Metoxen; Councilwoman Marie Summers;*

**XI. REPORTS****A. CORPORATE BOARDS**

- 1. Accept the Bay Bancorporation Inc. FY-2022 2nd quarter report (01:16:42)**  
Sponsor: Jeff Bowman, President/Bay Bank

Motion by Jennifer Webster to accept the Bay Bancorporation Inc. FY-2022 2nd quarter report, .  
Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

- 2. Accept the Oneida Airport Hotel Corporation FY-2022 2nd quarter report (01:17:04)**  
Sponsor: Kathy Hughes, Chair/Oneida Airport Hotel Corporation

Motion by Brandon Stevens to accept the Oneida Airport Hotel Corporation FY-2022 2nd quarter report, seconded by Lisa Liggins. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**DRAFT****3. Accept the Oneida ESC Group, LLC FY-2022 2nd quarter report (01:17:59)**

Sponsor: John Breuninger, Chair/Oneida ESC Group Board of Managers

Motion by Jennifer Webster to accept the Oneida ESC Group, LLC FY-2022 2nd quarter report, seconded by Lisa Liggins. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**4. Accept the Oneida Golf Enterprise FY-2022 2nd quarter report (01:18:14)**

Sponsor: Justin Nishimoto, Agent/Oneida Golf Enterprise

Motion by Lisa Liggins to accept the Oneida Golf Enterprise FY-2022 2nd quarter report, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**XII. GENERAL TRIBAL COUNCIL****A. Approve the 2022 semi-annual report (01:18:36)**

Sponsor: Lisa Liggins, Secretary

Motion by Lisa Liggins to approve the 2022 semi-annual report with the addition of the ARPA FRF Tribal Contribution Savings report, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**B. Approve three actions regarding upcoming GTC meeting agendas and suggested adjustments (01:28:36)**

Sponsor: Lisa Liggins, Secretary

Motion by Jennifer Webster to approve three (3) actions regarding upcoming GTC meeting agendas and suggested adjustments [1) approve the agenda, notice, and notification letter for the tentatively scheduled June 21, 2022, special General Tribal Council meeting; 2) direct the Secretary to bring back potential dates to address the pending petitions to the June 8, 2022, regular Business Committee meeting; 3) direct the Secretary to notify the petitioners their items were removed from the June 21, 2022, special General Tribal Council meeting agenda and that a new date will be identified], seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**DRAFT****XIII. EXECUTIVE SESSION****A. REPORTS****1. Accept the Chief Counsel report (01:36:36)**

Sponsor: Jo Anne House, Chief Counsel

Motion by Lisa Liggins to accept the Chief Counsel report, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**2. Accept the General Manager report (01:36:52)**

Sponsor: Mark W. Powless, General Manager

Motion by Lisa Liggins to accept the General Manager report, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**3. Accept the Intergovernmental Affairs, Communications, and Self-Governance May 2022 report (01:37:05)**

Sponsor: Melinda J. Danforth, Director/Intergovernmental Affairs

Motion by Lisa Liggins to accept the Intergovernmental Affairs, Communications, and Self-Governance May 2022 report and request Councilwoman Marie Summers to inform WisDOT that the Oneida Nation chooses option 1 to distribute the Bipartisan Infrastructure Law monies to the Wisconsin Tribes, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**4. Accept the Treasurer's April 2022 report (01:37:37)**

Sponsor: Tina Danforth, Treasurer

Motion by Lisa Liggins to accept the Treasurer's April 2022 report, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**5. Accept the Bay Bancorporation Inc. FY-2022 2nd quarter executive report (01:37:51)**

Sponsor: Jeff Bowman, President/Bay Bank

Motion by Lisa Liggins to accept the Bay Bancorporation Inc. FY-2022 2nd quarter executive report, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**DRAFT****6. Accept the Oneida Airport Hotel Corporation FY-2022 2nd quarter executive report (01:38:17)**

Sponsor: Kathy Hughes, Chair/Oneida Airport Hotel Corporation

Motion by Lisa Liggins to accept the Oneida Airport Hotel Corporation FY-2022 2nd quarter executive report, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**7. Accept the Oneida ESC Group, LLC FY-2022 2nd quarter executive report (01:38:34)**

Sponsor: John Breuninger, Chair/Oneida ESC Group Board of Managers

Motion by Lisa Liggins to accept the Oneida ESC Group, LLC FY-2022 2nd quarter executive report, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**8. Accept the Oneida Golf Enterprise FY-2022 2nd quarter executive report (01:38:54)**

Sponsor: Justin Nishimoto, Agent/Oneida Golf Enterprise

Motion by Lisa Liggins to accept the Oneida Golf Enterprise FY-2022 2nd quarter executive report, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

Motion by Lisa Liggins to direct the Business Analyst, Justin Nishimoto, to follow up with the corporations on any of the missing elements in their quarterly reports, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**B. NEW BUSINESS****1. Review Oneida Airport Hotel Corporation funding request and determine next steps (01:40:56)**

Sponsor: Kathy Hughes, Chair/Oneida Airport Hotel Corporation

Motion by Lisa Liggins to forward the request to the Economic Development Diversification and Community Development review team for the development of a resolution and recommendation to be submitted to an upcoming Business Committee meeting, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**DRAFT****2. Discuss DR07 contract amendments - file # 2018-1226 (01:41:52)**

Sponsor: Todd VanDen Heuvel, Executive HR Director

Motion by Lisa Liggins to accept the discussion of DR07 contract amendments as information, seconded by Brandon Stevens. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**3. Approve attorney contract - Legislative Reference Office - file # 2022-0375 (01:42:07)**

Sponsor: David P. Jordan, Councilman

Motion by Lisa Liggins to approve attorney contract - Legislative Reference Office - file # 2022-0375, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**4. Approve attorney contract - Legislative Reference Office - file # 2022-0376 (01:42:24)**

Sponsor: David P. Jordan, Councilman

Motion by Lisa Liggins to approve attorney contract - Legislative Reference Office - file # 2022-0376, seconded by Jennifer Webster. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

**XIV. ADJOURN (01:42:42)**

Motion by Brandon Stevens to adjourn at 2:52 p.m., seconded by Lisa Liggins. Motion carried:

Ayes: Tina Danforth, Lisa Liggins, Brandon Stevens, Jennifer Webster  
 Not Present: Daniel Guzman King, David P. Jordan, Kirby Metoxen, Marie Summers

Minutes prepared by Aliskwet Ellis, Information Management Specialist.  
 Minutes approved as presented on \_\_\_\_\_.

---

Lisa Liggins, Secretary  
 ONEIDA BUSINESS COMMITTEE

Adopt resolution entitled Emergency Adoption of the Oneida Nation Assistance Fund Law

**Business Committee Agenda Request**

1. Meeting Date Requested: 06/8/22

2. Session:

Open  Executive – must qualify under §107.4-1.

Justification: *Choose or type justification.*

3. Requested Motion:

Accept as information; OR

Adopt the resolution, “Emergency Adoption of the Oneida Nation Assistance Fund Law”

4. Areas potentially impacted or affected by this request:

- Finance  Programs/Services
- Law Office  MIS
- Gaming/Retail  Boards, Committees, or Commissions
- Other: Legislative Operating Committee

5. Additional attendees needed for this request:

- Name, Title/Entity OR Choose from List*
- Name, Title/Entity OR Choose from List*
- Name, Title/Entity OR Choose from List*
- Name, Title/Entity OR Choose from List*

**6. Supporting Documents:**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Bylaws  | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation                   |
| <input type="checkbox"/> Contract Document(s)                                  | <input checked="" type="checkbox"/> Law          | <input type="checkbox"/> Report                         |
| <input type="checkbox"/> Correspondence  | <input type="checkbox"/> Legal Review            | <input checked="" type="checkbox"/> Resolution          |
| <input type="checkbox"/> Draft GTC Notice                                      | <input type="checkbox"/> Minutes                 | <input type="checkbox"/> Rule (adoption packet)         |
| <input type="checkbox"/> Draft GTC Packet                                      | <input type="checkbox"/> MOU/MOA                 | <input checked="" type="checkbox"/> Statement of Effect |
| <input type="checkbox"/> E-poll results/back-up                                | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents               |
| <input checked="" type="checkbox"/> Other: Adoption Memo, Legislative Analysis |  |   |

**7. Budget Information:**

- |   |  |
|---|--|
| <input type="checkbox"/> Budgeted – Tribal Contribution | <input type="checkbox"/> Budgeted – Grant Funded   |
| <input type="checkbox"/> Unbudgeted                     | <input checked="" type="checkbox"/> Not Applicable |
| <input type="checkbox"/> Other: <i>Describe</i>         |  |

**8. Submission:**

Authorized Sponsor: David P. Jordan, Councilman

Primary Requestor: Clorissa N. Santiago, LRO Senior Staff Attorney



Oneida Nation  
 Oneida Business Committee  
 Legislative Operating Committee  
 PO Box 365 • Oneida, WI 54155-0365  
 Oneida-nsn.gov



TO: Oneida Business Committee  
 FROM: David P. Jordan, LOC Chairperson [Signature]  
 DATE: June 8, 2022  
 RE: Emergency Adoption of the Oneida Nation Assistance Fund Law

---

Please find the following attached backup documentation for your consideration of the emergency adoption of the Oneida Nation Assistance Fund law:

1. Resolution: Emergency Adoption of the Oneida Nation Assistance Fund Law
2. Statement of Effect: Emergency Adoption of the Oneida Nation Assistance Fund Law
3. Oneida Nation Assistance Fund Law Legislative Analysis
4. Oneida Nation Assistance Fund Law

#### Overview

Emergency adoption of the Oneida Nation Assistance Fund law (the “Law”) is being sought to establish the Oneida Nation Assistance Fund as an approved program of the Nation to govern how the Nation provides financial assistance to its members, pursuant to the Oneida General Welfare law. [10 O.C. 1003.1-1]. The Law will:

- Establish the Oneida Nation Assistance Fund as an approved program of the Nation in accordance with the Oneida General Welfare law [10 O.C. 1003.4-1];
- Provide how this program qualifies for general welfare exclusion [10 O.C. 1003.4-2];
- Provide the eligibility requirements for accessing assistance from the Oneida Nation Assistance Fund – which is that a person is a member of the Nation; age eighteen (18) or older; and submits a completed application during the designated submission timeframe [10 O.C. 1003.5-1];
- Provide the minimum requirements for the information that must be included on the application [10 O.C. 1003.5-3];
- Provide how and when funds from the Oneida Nation Assistance Fund are disbursed [10 O.C. 1003.5-2, 1003.5-4];
- Provide for the types of expenses that shall be considered qualifying expenditures for use of assistance from Oneida Nation Assistance Fund by the recipient [10 O.C. 1003.5-5];
- Provide information on the funding source and who determines that amount of available funding to an eligible participant [10 O.C. 1003.6-1, 1003.6-2]; and
- Provide that the Trust Enrollment Department is the department that has the responsibilities to administer the Oneida Nation Assistance Fund. [10 O.C. 1003.5-6, 1003.5-7].

In response to the COVID-19 pandemic, on March 12, 2020, in accordance with the Emergency Management law, Chairman Tehassi Hill signed a *Declaration of Public Health State of Emergency* regarding COVID-19 which was subsequently extended by the Oneida Business Committee until July 22, 2022, through the adoption of the following resolutions: BC-03-26-20-



A, BC-05-06-20-A, BC-06-10-20-A, BC-07-08-20-A, BC-08-06-20-A, BC-09-09-20-A, BC-10-08-20-A, BC-11-10-20-A, BC-12-09-20-D, BC-01-07-21-A, BC-02-10-21-A, and BC-03-10-21-D, BC-05-12-21-A, BC-06-23-21-B, BC-07-28-21-N, BC-09-22-21-A, BC-11-24-21-F, BC-01-12-22-B, BC-03-23-22-A, BC-05-11-22-E. [3 O.C. 302.8-1]. The COVID-19 pandemic has resulted in vast negative economic effects that has affected the ability of members of the Nation to meet their general welfare needs.

The Oneida Business Committee is delegated the authority to temporarily enact emergency legislation when legislation is necessary for the immediate preservation of the public health, safety, or general welfare of the Reservation population, and the adoption of the legislation is required sooner than would be possible under the Legislative Procedures Act. [1 O.C. 109.9-5]. A fiscal impact statement and public meeting are not required for emergency legislation. [1 O.C. 109.9-5(a)].

The emergency adoption of this Law is necessary for the preservation of the general welfare of the Reservation population. The emergency adoption of this Law will assist in addressing the economic needs of the Reservation population during the public health crisis that has resulted from the COVID-19 pandemic by allowing the Nation to establish and operate the Oneida Nation Assistance Fund to provide assistance to members of the Nation in accordance with the Oneida General Welfare law.

Additionally, observance of the requirements under the Legislative Procedures Act for the adoption of this Law would be contrary to public interest. The Nation is currently experiencing the vast economic effects of the COVID-19 pandemic, and the process and requirements of the Legislative Procedures Act cannot be completed in time to ensure that the Law can be adopted to best assist members of the Nation in meeting their general welfare needs during this COVID-19 pandemic.

The Law will become effective immediately upon adoption by the Oneida Business Committee and will remain effective for six (6) months. There will be one (1) opportunity to extend the emergency adoption of this Law for an additional six (6) month period. [1 O.C. 109.9-5(b)].

### **Requested Action**

Approve the Resolution: Emergency Adoption of the Oneida Nation Assistance Fund Law

# Oneida Nation

Post Office Box 365

Phone: (920)869-2214



Oneida, WI 54155

**BC Resolution #**  
**Emergency Adoption of the Oneida Nation Assistance Fund Law**

- 1    **WHEREAS,**    the Oneida Nation is a federally recognized Indian government and a treaty tribe  
 2                    recognized by the laws of the United States of America; and  
 3
- 4    **WHEREAS,**    the Oneida General Tribal Council is the governing body of the Oneida Nation; and  
 5
- 6    **WHEREAS,**    the Oneida Business Committee has been delegated the authority of Article IV, Section 1,  
 7                    of the Oneida Tribal Constitution by the Oneida General Tribal Council; and  
 8
- 9    **WHEREAS,**    the Oneida Nation Assistance Fund law (“the Law”) is being proposed for emergency  
 10                    adoption in an effort to establish the Oneida Nation Assistance Fund as an approved  
 11                    program of the Nation to govern how the Nation provides financial assistance to its  
 12                    members, pursuant to the Oneida General Welfare law; and  
 13
- 14   **WHEREAS,**    the Law provides how the Oneida Nation Assistance Fun qualifies for general welfare  
 15                    exclusion; and  
 16
- 17   **WHEREAS,**    the Law provides the eligibility requirements for accessing assistance from the Oneida  
 18                    Nation Assistance Fund – which is that a person is a member of the Nation; age eighteen  
 19                    (18) or older; and submits a completed application during the designated submission  
 20                    timeframe; and  
 21
- 22   **WHEREAS,**    the Law provides the minimum requirements for the information that must be included on  
 23                    the application for assistance from the Oneida Nation Assistance Fund; and  
 24
- 25   **WHEREAS,**    the Law provides how and when funds from the Oneida Nation Assistance Fund are  
 26                    disbursed; and  
 27
- 28   **WHEREAS,**    the Law provides for the types of expenses that shall be considered qualifying expenditures  
 29                    for use of assistance from Oneida Nation Assistance Fund by the recipient; and  
 30
- 31   **WHEREAS,**    the Law provides information on the funding source and who determines that amount of  
 32                    available funding to an eligible participant; and  
 33
- 34   **WHEREAS,**    the Law provides that the Trust Enrollment Department is the department that has the  
 35                    responsibilities to administer the Oneida Nation Assistance Fund; and  
 36
- 37   **WHEREAS,**    the Legislative Procedures Act authorizes the Oneida Business Committee to enact  
 38                    legislation on an emergency basis when legislation is necessary for the immediate  
 39                    preservation of the public health, safety, or general welfare of the Reservation population,  
 40                    and the adoption of the legislation is required sooner than would be possible under the  
 41                    Legislative Procedures Act; and  
 42

- 43 **WHEREAS,** emergency adoption of legislation is effective for a period of six (6) months, renewable by  
44 the Oneida Business Committee for an additional six (6) month term; and  
45
- 46 **WHEREAS,** on March 12, 2020, Chairman Tehassi Hill signed a *Declaration of Public Health State of*  
47 *Emergency* regarding COVID-19 which declared a Public Health State of Emergency for  
48 the Nation until April 12, 2020, which was subsequently extended by the Oneida Business  
49 Committee until July 22, 2022, through the adoption of the following resolutions: BC-03-  
50 26-20-A, BC-05-06-20-A, BC-06-10-20-A, BC-07-08-20-A, BC-08-06-20-A, BC-09-09-20-  
51 A, BC-10-08-20-A, BC-11-10-20-A, BC-12-09-20-D, BC-01-07-21-A, BC-02-10-21-A, and  
52 BC-03-10-21-D, BC-05-12-21-A, BC-06-23-21-B, BC-07-28-21-N, BC-09-22-21-A, BC-11-  
53 24-21-F, BC-01-12-22-B, BC-03-23-22-A, BC-05-11-22-E; and  
54
- 55 **WHEREAS,** the COVID-19 pandemic has resulted in vast negative economic effects that has affected  
56 the ability of members of the Nation to meet their general welfare needs; and  
57
- 58 **WHEREAS,** the emergency adoption of this Law is necessary for the preservation of the general welfare  
59 of the Reservation population, as the Law shall assist in addressing the economic needs  
60 of the Reservation population during the public health crisis that has resulted from the  
61 COVID-19 pandemic by allowing the Nation to establish and operate the Oneida Nation  
62 Assistance Fund to provide assistance to members of the Nation in accordance with the  
63 Oneida General Welfare law; and  
64
- 65 **WHEREAS,** observance of the requirements under the Legislative Procedures Act for adoption of this  
66 Law would be contrary to public interest since the Nation is currently experiencing the vast  
67 economic effects of the COVID-19 pandemic, and the process and requirements of the  
68 Legislative Procedures Act cannot be completed in time to ensure that the Law can be  
69 adopted to best assist members of the Nation in meeting their general welfare needs during  
70 this COVID-19 pandemic; and  
71
- 72 **WHEREAS,** the Legislative Procedures Act does not require a public meeting or fiscal impact statement  
73 when considering emergency legislation; and  
74
- 75 **NOW THEREFORE BE IT RESOLVED,** the Oneida Business Committee hereby adopts, on an emergency  
76 basis, the Oneida Nation Assistance Fund law effective immediately.



Oneida Nation  
 Oneida Business Committee  
 Legislative Operating Committee  
 PO Box 365 • Oneida, WI 54155-0365  
 Oneida-nsn.gov



## Statement of Effect

### *Emergency Adoption of the Oneida Nation Assistance Fund Law*

#### **Summary**

This resolution adopts the Oneida Nation Assistance Fund law on an emergency basis in order to establish the Oneida Nation Assistance Fund as an approved program of the Nation to govern how the Nation provides financial assistance to its members, pursuant to the Oneida General Welfare law.

*Submitted by: Clorissa N. Santiago, Senior Staff Attorney, Legislative Reference Office*

*Date: May 25, 2022*

#### ***Analysis by the Legislative Reference Office***

This resolution adopts the Oneida Nation Assistance Fund law (“the Law”) on an emergency basis. The purpose of the Law is to establish the Oneida Nation Assistance Fund as an approved program of the Nation to govern how the Nation provides financial assistance to its members, pursuant to the Oneida General Welfare law. [10 O.C. 1003.1-1]. The Law will:

- Establish the Oneida Nation Assistance Fund as an approved program of the Nation in accordance with the Oneida General Welfare law [10 O.C. 1003.4-1];
- Provide how this program qualifies for general welfare exclusion [10 O.C. 1003.4-2];
- Provide the eligibility requirements for accessing assistance from the Oneida Nation Assistance Fund – which is that a person is a member of the Nation; age eighteen (18) or older; and submits a completed application during the designated submission timeframe [10 O.C. 1003.5-1];
- Provide the minimum requirements for the information that must be included on the application [10 O.C. 1003.5-3];
- Provide how and when funds from the Oneida Nation Assistance Fund are disbursed [10 O.C. 1003.5-2, 1003.5-4];
- Provide for the types of expenses that shall be considered qualifying expenditures for use of assistance from Oneida Nation Assistance Fund by the recipient [10 O.C. 1003.5-5];
- Provide information on the funding source and who determines that amount of available funding to an eligible participant [10 O.C. 1003.6-1, 1003.6-2]; and
- Provide that the Trust Enrollment Department is the department that has the responsibilities to administer the Oneida Nation Assistance Fund. [10 O.C. 1003.5-6, 1003.5-7].

The Legislative Procedures Act (“the LPA”) was adopted by the General Tribal Council for the purpose of providing a process for the adoption or amendment of laws of the Nation. [1 O.C. 109.1-1]. The LPA allows the Oneida Business Committee to take emergency action where it is necessary for the immediate preservation of the public health, safety or general welfare of the reservation population and when enactment or amendment of legislation is required sooner than would be possible under the LPA. [1 O.C. 109.9-5]. A public meeting and fiscal impact statement are not required for emergency legislation. [1 O.C. 109.8-1(b), 109.9-5(a)].

In response to the COVID-19 pandemic, on March 12, 2020, in accordance with the Emergency Management law, Chairman Tehassi Hill signed a *Declaration of Public Health State of Emergency* regarding COVID-19 which was subsequently extended by the Oneida Business Committee until July 22, 2022, through the adoption of the following resolutions: BC-03-26-20-A, BC-05-06-20-A, BC-06-10-20-A, BC-07-08-20-A, BC-08-06-20-A, BC-09-09-20-A, BC-10-08-20-A, BC-11-10-20-A, BC-12-09-20-D, BC-01-07-21-A, BC-02-10-21-A, and BC-03-10-21-D, BC-05-12-21-A, BC-06-23-21-B, BC-07-28-21-N, BC-09-22-21-A, BC-11-24-21-F, BC-01-12-22-B, BC-03-23-22-A, BC-05-11-22-E. [3 O.C. 302.8-1]. The COVID-19 pandemic has resulted in vast negative economic effects that has affected the ability of members of the Nation to meet their general welfare needs.

The resolution provides that the emergency adoption of this Law is necessary for the preservation of the general welfare of the Reservation population. The emergency adoption of this Law will assist in addressing the economic needs of the Reservation population during the public health crisis that has resulted from the COVID-19 pandemic by allowing the Nation to establish and operate the Oneida Nation Assistance Fund to provide assistance to members of the Nation in accordance with the Oneida General Welfare law.

Additionally, observance of the requirements under the Legislative Procedures Act for the adoption of this amendment would be contrary to public interest. The Nation is currently experiencing the vast economic effects of the COVID-19 pandemic, and the process and requirements of the Legislative Procedures Act cannot be completed in time to ensure that the Law can be adopted to best assist members of the Nation in meeting their general welfare needs during this COVID-19 pandemic.

The emergency adoption of this the Law will take effect immediately upon adoption by the Oneida Business Committee. The emergency adoption of the Law will remain effective for six (6) months. The LPA provides the possibility to extend the emergency amendments for an additional six (6) months, or until the emergency amendments expire or are permanently adopted. [1 O.C. 109.9-5(b)].

### ***Conclusion***

Adoption of this resolution would not conflict with any of the Nation's laws.



## EMERGENCY ADOPTION OF THE ONEIDA NATION ASSISTANCE FUND LAW LEGISLATIVE ANALYSIS

### SECTION 1. EXECUTIVE SUMMARY

<i>Analysis by the Legislative Reference Office</i>	
Intent of the Proposed Law	<ul style="list-style-type: none"> <li>▪ Establish the Oneida Nation Assistance Fund as an approved program of the Nation in accordance with the Oneida General Welfare law. [10 O.C. 1003.4-1].</li> <li>▪ Provide how this program qualifies for general welfare exclusion. [10 O.C. 1003.4-2].</li> <li>▪ Provide the eligibility requirements for accessing assistance from the Oneida Nation Assistance Fund – which is that a person is a member of the Nation; age eighteen (18) or older; and submits a completed application during the designated submission timeframe. [10 O.C. 1003.5-1].</li> <li>▪ Provide the minimum requirements for the information that must be included on the application. [10 O.C. 1003.5-3].</li> <li>▪ Provide how and when funds from the Oneida Nation Assistance Fund are disbursed [10 O.C. 1003.5-2, 1003.5-4].</li> <li>▪ Provide for the types of expenses that shall be considered qualifying expenditures for use of assistance from Oneida Nation Assistance Fund by the recipient. [10 O.C. 1003.5-5].</li> <li>▪ Provide information on the funding source and who determines that amount of available funding to an eligible participant. [10 O.C. 1003.6-1, 1003.6-2].</li> <li>▪ Provide that the Trust Enrollment Department is the department that has the responsibilities to administer the Oneida Nation Assistance Fund. [10 O.C. 1003.5-6, 1003.5-7].</li> </ul>
Purpose	To establish the Oneida Nation Assistance Fund to govern how the Nation provides financial assistance to its members, pursuant to the Oneida General Welfare law. [10 O.C. 1003.1-1].
Affected Entities	Oneida Business Committee, Trust Enrollment Department
Public Meeting	A public meeting is not required for emergency legislation [1 O.C. 109.8-1(b) and 109.9-5(a)].
Fiscal Impact	A fiscal impact statement is not required for emergency legislation [1 O.C. 109.9-5(a)].
Expiration of Emergency Legislation	Emergency legislation expires six (6) months after adoption and may be renewed for an additional six (6) month period.

### 1 SECTION 2. LEGISLATIVE DEVELOPMENT

- 2 A. **Background.** The Oneida Nation Assistance Fund law will be a new law adopted by the Nation on an  
3 emergency basis for the purpose of establishing the Oneida Nation Assistance Fund to govern how the  
4 Nation provides financial assistance to its members, pursuant to the Oneida General Welfare law. [10  
5 O.C. 1003.1-1].

- 6       ▪ On May 18, 2022, the Legislative Operating Committee called a meeting with the Oneida Law  
7       Office, Finance Administration, Government Administration Office, and the Trust Enrollments  
8       Department to discuss how the Nation planned to provide general welfare assistance payments to  
9       its members this year, and the potential adoption of an Oneida Nation Assistance Fund law on an  
10      emergency basis.
- 11    **B.** Emergency adoption of the Oneida Nation Assistance Fund law is being pursued to provide a  
12      mechanism to address the economic needs of members of the Nation as a result of the COVID-19  
13      pandemic.

14

### 15    **SECTION 3. CONSULTATION AND OUTREACH**

- 16    **A.** Representatives from the following departments or entities participated in the development of this Law  
17      and legislative analysis:
- 18       ▪ Oneida Law Office;
  - 19       ▪ Government Administration Office;
  - 20       ▪ Finance Administration; and
  - 21       ▪ Trust Enrollments Department.

22

### 23    **SECTION 4. PROCESS**

- 24    **C.** The adoption of this Law is being considered on an emergency basis. The Oneida Business Committee  
25      may temporarily enact an emergency law where legislation is necessary for the immediate preservation  
26      of public health, safety, or general welfare of the Reservation population and enactment of legislation  
27      is required sooner than would be possible under this law. *[1 O.C. 109.9-5]*.
- 28       ▪ Emergency adoption of this Law is being pursued for the preservation of the general welfare of the  
29       Reservation population. The emergency adoption of this Law will assist in addressing the economic  
30       needs of the Reservation population during the public health crisis that is the COVID-19 pandemic  
31       by allowing the Nation to establish and operate the Oneida Nation Assistance Fund for the purpose  
32       of providing assistance to Tribal members on a non-taxable basis.
  - 33       ▪ Observance of the requirements under the Legislative Procedures Act for the adoption of this Law  
34       would be contrary to public interest. The Nation is currently experiencing the vast effects of the  
35       COVID-19 pandemic, and the process and requirements of the Legislative Procedures Act cannot  
36       be completed in time to ensure that the Law can be adopted to best assist members of the Nation  
37       during this COVID-19 pandemic through the development of the Oneida Nation Assistance Fund  
38       which provides assistance to Tribal members.
- 39    **D.** Emergency legislation typically expires six (6) months after adoption, with one (1) opportunity for a  
40      six (6) month extension of the emergency legislation. *[1 O.C. 109.9-5(b)]*.
- 41    **E.** The Legislative Procedures Act does not require a public meeting or fiscal impact statement when  
42      considering emergency legislation. *[1 O.C. 109.9-5(a)]*. However, a public meeting and fiscal impact  
43      statement will eventually be required when considering permanent adoption of this Law.
- 44    **D.** The following work meetings were held regarding the development of this law and legislative analysis:
- 45       ▪ May 12, 2022. LOC work meeting; and
  - 46       ▪ May 18, 2022. LOC work meeting with Oneida Law Office, Finance Administration, Government  
47       Administration Office, and Trust Enrollment Department.

48

49 **SECTION 5. CONTENTS OF THE LEGISLATION**

- 50 **A. Purpose and Policy.** The purpose of this law is to establish the Oneida Nation Assistance Fund to  
 51 govern how the Nation provides financial assistance to members, pursuant to the Oneida General  
 52 Welfare law. [10 O.C. 1003.1-1]. It is the policy of the Nation to prioritize the general welfare needs  
 53 of its members. [10 O.C. 1003.1-2]. The interests of the Nation are advanced when its members remain  
 54 confident that their general welfare needs can be met. [10 O.C. 1003.1-2].
- 55 **▪ Effect.** The overall purpose of this Law is to codify the Nation’s sovereign right to provide  
 56 assistance to Tribal members on a non-taxable basis through an approved program.
- 57 **B. Establishment.** This Law establishes the Oneida Nation Assistance Fund as an approved program of  
 58 the Nation in accordance with the Oneida General Welfare Law. [10 O.C. 1003.4-1]. The Oneida  
 59 Nation Assistance Fund meets the requirements of the General Test as defined in the Oneida General  
 60 Welfare law; General Criteria as defined in I.R.S. Rev. Proc. 2014-35, section 5; and the requirements  
 61 of the Tribal General Welfare Exclusion Act of 2014 26 U.S.C. §139E(b). [10 O.C. 1003.4-1].
- 62 **C. Guidelines and Requirements.** The Law provides guidelines and requirements for the Oneida Nation  
 63 Assistance Fund. The Oneida Nation Assistance Fund shall be open to any individuals who meet the  
 64 following criteria: is a member of the Nation; is age eighteen (18) or older; and submits a completed  
 65 application during the designated submission timeframe [10 O.C. 1003.5-1]. The Oneida Business  
 66 Committee shall set forth, through the adoption of a resolution, an application submission period and  
 67 disbursement timeframe for a distribution of assistance from the Oneida Nation Assistance Fund. [10  
 68 O.C. 1003.5-2]. Any individual seeking assistance from the Oneida Nation Assistance Fund shall  
 69 submit an application. [10 O.C. 1003.5-3]. The Trust Enrollment Department shall make available an  
 70 Oneida Nation Assistance Fund application form and instructions. [10 O.C. 1003.5-3(a)]. The Law  
 71 provides the minimum information that is required to be provided on the application. [10 O.C. 1003.5-  
 72 3(a)(1)(A)-(I)]. Assistance provided through the Oneida Nation Assistance Fund Application shall be  
 73 disbursed in accordance with the timeframe set through resolution by the Oneida Business Committee.  
 74 [10 O.C. 1003.5-4]. Funds from the Oneida Nation Assistance Fund may be disbursed through direct  
 75 deposit, or check, depending on the selection made on the application by the recipient. [10 O.C. 1003.5-  
 76 4].
- 77 **D. Qualifying Expenditures.** The Law provides that the following types of expenses shall be considered  
 78 qualifying expenditures for use of assistance from the Oneida Nation Assistance Fund by the recipient:
- 79 a. costs relating to housing needs of principal residences such as:
    - 80 1. mortgage payments, rent payments, and down payments;
    - 81 2. enhancements for habitability of housing;
    - 82 3. basic housing repairs or rehabilitation;
    - 83 4. improvements to adapt housing for special health needs;
  - 84 b. costs for paying utility bills and charges, including, but not limited to, the following:
    - 85 1. water;
    - 86 2. electricity;
    - 87 3. gas;
    - 88 4. basic communication services such as:
      - 89 A. phone
      - 90 B. internet; and
      - 91 C. cable;
  - 92 c. costs associated with education, including, but not limited to the following:



- 93 1. transportation to and from school;  
 94 2. tutors;  
 95 3. supplies for use in school activities and extra-curricular activities;  
 96 4. providing tuition or room and board payments;  
 97 5. providing for childcare for parents seeking employment or pursuing education;  
 98 6. job counseling and interviewing expenses;  
 99 d. costs associated with food security;  
 100 e. costs associated with home care assistance;  
 101 f. costs associated with vehicle payments, maintenance, repair, and insurance;  
 102 g. costs associated with medical care and transportation, room, and board costs for seeking  
 103 medical care;  
 104 h. funeral and burial expenses and expenses for attending wakes, funerals, burials,  
 105 bereavements, and subsequent honoring events; and  
 106 i. costs related to any other emergency circumstance [10 O.C. 1002.5-5].
- 107 **E. Oversight and Records Maintenance.** The Trust Enrollment Department shall oversee the collection,  
 108 review, and permitted distribution of funds from the Oneida Nation Assistance Fund to the qualifying  
 109 recipients and shall be responsible for maintenance of records for the Oneida Nation Assistance Fund.  
 110 [10 O.C. 1003.5-6, 1003.5-7]. The recipient shall retain receipts for the expenditure of the funds  
 111 associated with the Oneida Nation Assistance Program. [10 O.C. 1003.5-7].
- 112 **F. Funding.** The Oneida Nation Assistance Fund shall be funded through the Nation’s annual budget, and  
 113 by any other funding source deemed necessary by the Oneida Business Committee. [10 O.C. 1003.6-  
 114 1]. The Oneida Business Committee shall determine the amount of assistance available to an eligible  
 115 recipient from the Oneida Nation Assistance Fund per any permitted distribution. [10 O.C. 1003.6-2].  
 116

## 117 SECTION 6. EXISTING LEGISLATION

- 118 **A. Related Legislation.** The following laws of the Nation are related to this Law:
- 119 ▪ *Legislative Procedures Act.* The Legislative Procedures Act was adopted by the General Tribal  
 120 Council on January 7, 2013, for the purpose of providing a standard process for the adoption  
 121 of laws of the Nation which includes taking into account comments from members of the  
 122 Nation and input from agencies of the Nation. [1 O.C. 109.1-1, 109.1-2].
  - 123 ▪ The Legislative Procedures Act provides a process for the adoption of emergency  
 124 legislation when the legislation is necessary for the immediate preservation of the  
 125 public health, safety, or general welfare of the Reservation population and the  
 126 enactment or amendment of legislation is required sooner than would be possible under  
 127 this law. [1 O.C. 109.9-5].
  - 128 ▪ The Legislative Operating Committee is responsible for first reviewing the  
 129 emergency legislation and for forwarding the legislation to the Oneida  
 130 Business Committee for consideration. [1 O.C. 109.9-5(a)].
  - 131 ▪ The proposed emergency legislation is required to have a legislative analysis  
 132 completed and attached prior to being sent to the Oneida Business Committee  
 133 for consideration. [1 O.C. 109.9-5(a)].
  - 134 a. A legislative analysis is a plain language analysis describing the  
 135 important features of the legislation being considered and factual  
 136 information to enable the Legislative Operating Committee to make

- 137 informed decisions regarding legislation. A legislative analysis  
138 includes a statement of the legislation's terms and substance; intent of  
139 the legislation; a description of the subject(s) involved, including any  
140 conflicts with Oneida or other law, key issues, potential impacts of the  
141 legislation and policy considerations. [1 O.C. 109.3-1(g)].
- 142 ▪ Emergency legislation does not require a fiscal impact statement to be  
143 completed or a public comment period to be held. [1 O.C. 109.9-5(a)].
  - 144 ▪ Upon the determination that an emergency exists the Oneida Business  
145 Committee can adopt emergency legislation. The emergency legislation  
146 becomes effective immediately upon its approval by the Oneida Business  
147 Committee. [1 O.C. 109.9-5(b)].
  - 148 ▪ Emergency legislation remains in effect for a period of up to six (6) months,  
149 with an opportunity for a one-time emergency law extension of up to six (6)  
150 months. [1 O.C. 109.9-5(b)].
  - 151 ▪ Emergency adoption of this Law would conform with the requirements of the  
152 Legislative Procedures Act.
  - 153 ▪ *Oneida General Welfare Law.* The Oneida General Welfare Law governs how the Nation  
154 provides assistance to eligible members on a non-taxable basis, pursuant to the principles of  
155 the General Welfare Exclusion to Indian Tribal governmental programs that provide benefits  
156 to Tribal members. [10 O.C. 1001.1-1].
    - 157 ▪ The Oneida Nation Assistance Fund is hereby established as an approved program of  
158 the Nation in accordance with the Oneida General Welfare Law. [10 O.C. 1003.4-1].  
159 The Oneida Nation Assistance Fund meets the requirements of the General Test as  
160 defined in the Oneida General Welfare Law. [10 O.C. 1003.4-2].

161

## 162 SECTION 7. OTHER CONSIDERATIONS

- 163 A. *Deadline for Permanent Adoption of Legislation.* The emergency adoption of this Law will expire six  
164 (6) months after adoption. The emergency legislation may be renewed for an additional six (6) month  
165 period.
- 166 ▪ *Conclusion:* The Legislative Operating Committee will need to consider the development and  
167 adoption of this Law on a permanent basis within the next six (6) to twelve (12) months.
- 168 B. *Fiscal Impact.* A fiscal impact statement is not required for emergency legislation.
- 169 ▪ Under the Legislative Procedures Act, a fiscal impact statement is required for all legislation except  
170 emergency legislation [1 O.C. 109.6-1].

171

**Title 10. General Welfare Exclusion - Chapter 1003**  
**ONEIDA NATION ASSISTANCE FUND**

1003.1. Purpose and Policy  
1003.2. Adoption, Amendment, Repeal  
1003.3. Definitions  
1003.4. Establishment

1003.5. Guidelines and Requirements  
1003.6. Funding

1 **1003.1. Purpose and Policy**

2 1003.1-1. *Purpose.* The purpose of this law is to establish the Oneida Nation Assistance Fund to  
3 govern how the Nation provides financial assistance to its members, pursuant to the Oneida  
4 General Welfare law.

5 1003.1-2. *Policy.* It is the policy of the Nation to prioritize the general welfare needs of its  
6 members. The interests of the Nation are advanced when its members remain confident that their  
7 general welfare needs can be met.  
8

9 **1003.2. Adoption, Amendment, Repeal**

10 1003.2-1. This law was adopted by the Oneida Business Committee by resolution BC-\_\_-\_\_-\_\_-  
11 \_\_.

12 1003.2-2. This law may be amended or repealed by the Oneida Business Committee or the General  
13 Tribal Council pursuant to the procedures set out in the Legislative Procedures Act.

14 1003.2-3. Should a provision of this law or the application thereof to any person or circumstances  
15 be held as invalid, such invalidity shall not affect other provisions of this law which are considered  
16 to have legal force without the invalid portions.

17 1003.2-4. In the event of a conflict between a provision of this law and a provision of another law,  
18 the provisions of this law shall control.

19 1003.2-5. This law is adopted under authority of the Constitution of the Oneida Nation.  
20

21 **1003.3. Definitions**

22 1003.3-1. This section shall govern the definitions of words and phrases used within this law. All  
23 words not defined herein shall be used in their ordinary and everyday sense.

24 (a) "Approved program" means any program(s) to provide general welfare assistance that  
25 is intended to qualify as a General Welfare Exclusion, administered under specific  
26 guidelines, and is adopted by the Oneida Business Committee through resolution or law of  
27 the Nation in accordance with the Oneida General Welfare law.

28 (b) "Assistance" means benefits or payments under an approved program, which are paid  
29 to or on behalf of a recipient pursuant to this law. Assistance provided under an approved  
30 program shall not be considered income of the recipient.

31 (c) "Lavish" or "Extravagant" shall have the meaning determined by the Oneida Business  
32 Committee in its discretion and based on the circumstances, taking into account needs  
33 unique to the Nation as well as the social purpose being served by the particular assistance  
34 at hand, except as otherwise may be required for compliance with final guidance issued  
35 under 26 U.S.C. §139E following consultation between the Nation and the federal  
36 government.

37 (e) "Member" means an individual who is an enrolled member of the Nation.

38 (f) "Nation" means the Oneida Nation.

39 (g) "Recipient" means any member entitled to receive assistance in accordance with  
40 approved program requirements.  
41

42 **1003.4. Establishment**

43 1003.4-1. *Establishment.* The Oneida Nation Assistance Fund is hereby established as an  
44 approved program of the Nation in accordance with the Oneida General Welfare law. The purpose  
45 of the Oneida Nation Assistance Fund is to provide financial assistance to members of the Nation  
46 to address the general welfare needs of members.

47 1003.4-2. *General Welfare Exclusion.* The Oneida Nation Assistance Fund meets the  
48 requirements of the General Test as defined in the Oneida General Welfare law; General Criteria  
49 as defined in I.R.S. Rev. Proc. 2014-35, section 5; and the requirements of the Tribal General  
50 Welfare Exclusion Act of 2014, 26 U.S.C. §139E(b). The assistance provided through the Oneida  
51 Nation Assistance Fund is:

- 52 (a) paid on behalf of the Nation;  
53 (b) pursuant to an approved program of the Nation;  
54 (c) does not discriminate in favor of members of the governing body of the Nation;  
55 (d) available to any eligible member of the Nation who meets the guidelines of the  
56 approved program;  
57 (e) provided for the promotion of general welfare;  
58 (f) not lavish or extravagant;  
59 (g) not compensation for services; and  
60 (h) not a per capita payment.

61

62 **1003.5. Guidelines and Requirements**

63 1003.5-1. *Eligibility.* The Oneida Nation Assistance Fund shall be open to any individual who  
64 meets the following criteria:

- 65 (a) is a member of the Nation;  
66 (b) is age eighteen (18) or older; and  
67 (c) submits a completed application during the designated submission timeframe.

68 1003.5-2. *Distribution Period.* The Oneida Business Committee shall set forth through the  
69 adoption of a resolution an application submission period and disbursement timeframe for a  
70 distribution of assistance from the Oneida Nation Assistance Fund.

71 1003.5-3. *Application for Funds.* Any individual seeking assistance from the Oneida Nation  
72 Assistance Fund shall submit an application.

73 (a) The Trust Enrollment Department shall make available an Oneida Nation Assistance  
74 Fund application form and instructions.

75 (1) The application shall require, at a minimum, the following information:

- 76 (A) first and last name;  
77 (B) date of birth;  
78 (C) street address, city, state, zip code;  
79 (D) phone number;  
80 (E) e-mail address;  
81 (F) enrollment number;  
82 (G) bank account information for direct deposit if necessary;  
83 (H) declaration from the applicant that their need exists, and all information  
84 provided therein is accurate and in accordance with the laws of the Nation  
85 and federal law; and  
86 (I) signature of the applicant, electronic or handwritten, affirming the  
87 attestation.

88 (2) On the application the applicant shall designate the means by which they would  
89 like to receive their disbursement of funds from the Oneida Nation Assistance Fund,  
90 either through direct deposit or check.

91 (b) Applicants shall complete and return the Oneida Nation Assistance Fund application  
92 form to the Trust Enrollment Department by the deadline set through resolution by the  
93 Oneida Business Committee in order to be eligible for assistance from the Oneida Nation  
94 Assistance Fund.

95 (1) The information provided in the Oneida Nation Assistance Fund application  
96 form may be provided to any department, division, or personnel that processes the  
97 applications.

98 1003.5-4. *Disbursement of Funds.* Assistance provided through the Oneida Nation Assistance  
99 Fund shall be disbursed in accordance with the timeframe set through resolution by the Oneida  
100 Business Committee. Funds from the Oneida Nation Assistance Fund may be disbursed through  
101 direct deposit, or check, depending on the selection made on the application by the recipient.

102 1003.5-5. *Qualifying Expenditures.* The following types of expenses shall be considered  
103 qualifying expenditures for use of assistance from the Oneida Nation Assistance Fund by the  
104 recipient:

105 (a) costs relating to housing needs of principal residences such as:

106 (1) mortgage payments, rent payments, and down payments;

107 (2) enhancements for habitability of housing;

108 (3) basic housing repairs or rehabilitation;

109 (4) improvements to adapt housing for special health needs;

110 (b) costs for paying utility bills and charges, including, but not limited to, the following:

111 (1) water;

112 (2) electricity;

113 (3) gas;

114 (4) basic communication services such as:

115 (A) phone;

116 (B) internet; and

117 (C) cable;

118 (c) costs associated with education including, but not limited to:

119 (1) transportation to and from school;

120 (2) tutors;

121 (3) supplies for use in school activities and extra-curricular activities;

122 (4) providing tuition or room and board payments;

123 (5) providing for childcare for parents seeking employment or pursuing education;

124 (6) job counseling and interviewing expenses.

125 (d) costs associated with food security;

126 (e) costs associated with home care assistance;

127 (f) costs associated with vehicle payments, maintenance, repair, and insurance;

128 (g) costs associated with medical care and transportation, room, and board costs for  
129 seeking medical care;

130 (h) funeral and burial expenses and expenses for attending wakes, funerals, burials,  
131 bereavements, and subsequent honoring events; and

132 (i) costs related to any other emergency circumstance.

133 1003.5-6. *Oversight.* The Trust Enrollment Department shall oversee the collection, review, and

134 permitted distribution of funds from the Oneida Nation Assistance Fund to the qualifying  
135 recipients.

136 1003.5-7. *Records Maintenance.* The Trust Enrollment Department shall be responsible for  
137 maintenance of records for the Oneida Nation Assistance Fund. The recipient shall retain receipts  
138 for the expenditure of the funds associated with the Oneida Nation Assistance Fund.

139

140 **1003.6. Funding**

141 1003.6-1. *Funding Source.* The Oneida Nation Assistance Fund shall be funded through the  
142 Nation's annual budget, and by any other funding source deemed necessary by the Oneida  
143 Business Committee.

144 1003.6-2. *Amount of Available Funding.* The Oneida Business Committee shall determine the  
145 amount of assistance available to an eligible recipient from the Oneida Nation Assistance Fund  
146 per any permitted distribution.

147

148 *End.*

~~149~~

151 Adopted – BC-\_\_-\_\_-\_\_-\_\_

---

Accept the May 18, 2022, regular Legislative Operating Committee meeting minutes

---

## Business Committee Agenda Request

1. Meeting Date Requested: 06/8/22

2. Session:

Open     Executive – must qualify under §107.4-1.

Justification: *Choose or type justification.*

3. Requested Motion:

Accept as information; OR

Accept the May 18, 2022 Legislative Operating Committee meeting minutes.

4. Areas potentially impacted or affected by this request:

Finance

Programs/Services

Law Office

MIS

Gaming/Retail

Boards, Committees, or Commissions

Other: Legislative Operating  
Committee

5. Additional attendees needed for this request:

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

**6. Supporting Documents:**

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Bylaws                 | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation           |
| <input type="checkbox"/> Contract Document(s)   | <input type="checkbox"/> Law                     | <input type="checkbox"/> Report                 |
| <input type="checkbox"/> Correspondence         | <input type="checkbox"/> Legal Review            | <input type="checkbox"/> Resolution             |
| <input type="checkbox"/> Draft GTC Notice       | <input checked="" type="checkbox"/> Minutes      | <input type="checkbox"/> Rule (adoption packet) |
| <input type="checkbox"/> Draft GTC Packet       | <input type="checkbox"/> MOU/MOA                 | <input type="checkbox"/> Statement of Effect    |
| <input type="checkbox"/> E-poll results/back-up | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents       |
| <input type="checkbox"/> Other: <i>Describe</i> |  |   |

**7. Budget Information:**

- |   |  |
|---|--|
| <input type="checkbox"/> Budgeted – Tribal Contribution | <input type="checkbox"/> Budgeted – Grant Funded   |
| <input type="checkbox"/> Unbudgeted                     | <input checked="" type="checkbox"/> Not Applicable |
| <input type="checkbox"/> Other: <i>Describe</i>         |  |

**8. Submission:**

Authorized Sponsor: David P. Jordan, Councilman

Primary Requestor: Clorissa N. Santiago, LRO Senior Staff Attorney





**LEGISLATIVE OPERATING COMMITTEE MEETING MINUTES**  
 Oneida Business Committee Conference Room-2<sup>nd</sup> Floor Norbert Hill Center  
 May 18, 2022  
 9:00 a.m.

**Present:** David P. Jordan, Jennifer Webster, Marie Summers, Daniel Guzman King, Kirby Metoxen

**Others Present:** Clorissa N. Santiago, Shannon Davis, Eric Boulanger (Microsoft Teams), Amy Spears (Microsoft Teams), Rhiannon Metoxen (Microsoft Teams), Nic Reynolds (Microsoft Teams), Ralinda Ninham-Lamberies (Microsoft Teams), Rae Skenandore (Microsoft Teams), Iris Hill (Microsoft Teams), Donna Smith (Microsoft Teams), Katsitsiyo Danforth (Microsoft Teams), Hon. Layatalati Hill (Microsoft Teams), Lisa Liggins (Microsoft Teams), Debra Powless (Microsoft Teams), Chad Fuss (Microsoft Teams), Hon. John Powless (Microsoft Teams)

**I. Call to Order and Approval of the Agenda**

David P. Jordan called the May 18, 2022, Legislative Operating Committee meeting to order at 9:03 a.m.

Motion by Marie Summers to adopt the agenda as is; seconded by Jennifer Webster. Motion carried unanimously.

**II. Minutes to be Approved**

**1. May 4, 2022 LOC Meeting Minutes**

Motion by Kirby Metoxen to approve the May 4, 2022, LOC meeting minutes and forward to the Business Committee; seconded by Marie Summers. Motion carried unanimously.

**III. Current Business**

**1. Children's Code Amendments**

Motion by Jennifer Webster to approve the public meeting packet and forward the Children's Code amendments to a public meeting to be held on June 15, 2022; seconded by Marie Summers. Motion carried unanimously.

**2. Healing to Wellness Court Law**

Motion by Marie Summers to accept the public comments and the public comment review memorandum and defer these items to a work meeting for further consideration; seconded by Jennifer Webster. Motion carried unanimously.



**IV. New Submissions**

**1. Oneida Language Code**

Motion by Jennifer Webster to add the Oneida Language Code to the Active Files List with Marie Summers as the sponsor; seconded by Kirby Metoxen. Motion carried unanimously.

**V. Additions**

**VI. Administrative Items**

**VII. Executive Session**

**VIII. Adjourn**

Motion by Marie Summers to adjourn at 9:20 a.m.; seconded by Daniel Guzman King. Motion carried unanimously.

Approve two (2) actions - CDC #21-114 - Sacred Burial Grounds Expansion

---

## Business Committee Agenda Request

1. Meeting Date Requested: 6/8/22

2. Session:

Open     Executive – must qualify under §107.4-1.

Justification: *Choose or type justification.*

3. Requested Motion:

Accept as information; OR Enter the requested motion related to this item.

Two actions as noted on attached Memo.

4. Areas potentially impacted or affected by this request:

Finance

Programs/Services

Law Office

MIS

Gaming/Retail

Boards, Committees, or Commissions

Other:

5. Additional attendees needed for this request:

*Name, Title/Entity OR Choose from List*

Nicole Rommel - EHSLA Division Director

**6. Supporting Documents:**

- Bylaws
- Fiscal Impact Statement
- Presentation
- Contract Document(s)
- Law
- Report
- Correspondence
- Legal Review
- Resolution
- Draft GTC Notice
- Minutes
- Rule (adoption packet)
- Draft GTC Packet
- MOU/MOA
- Statement of Effect
- E-poll results/back-up
- Petition
- Travel Documents
- Other: CDC Approval Package

**7. Budget Information:**

- Budgeted – Tribal Contribution
- Budgeted – Grant Funded
- Unbudgeted
- Not Applicable
- Other:

**8. Submission:**

**Mark W. Powless** Digitally signed by Mark W. Powless  
Date: 2022.05.26 15:13:33 -05'00'

Authorized Sponsor: Mark W. Powless, General Manager

Primary Requestor: Paul J. Witek - Engineering Director/Senior Architect

May 26, 2022

## Business Committee Agenda Request - Memo

**Project No.:** 21-114      **Project Title:** Sacred Burial Grounds Expansion

### Purpose:

The project team is seeking approval of the project through the Capital Improvement Process (CIP) and activation of the project's allocated CIP funding to continue the project development.

### Background:

The project proposes to expand the existing Oneida Sacred Burial Grounds to the east on the adjoining undeveloped agricultural parcel. It is estimated that the area that would be developed would allow approximately 2,000 burial plots.

Project need and justification is denoted in the attached CDC #21-114 CDC Approval Package.

The project has funding allocated in the FY2022 CIP Budget in the amount of \$ 150,000.00. The funds would be activated in the project's CIP Budget and managed within that process. The remaining project funds will be requested in future fiscal year CIP budgets.

The project has completed Phase II of the CIP and has been routed to the various tribal review entities.

### Attachments:

- 21-114 CDC Approval Package with CIP Form-05.
- Memo – Project Team's replies to CIP review comments
- CIP Budget Activations 2022

**Action Requested:**

1. Approval of the CDC Approval Package for CDC #21-114 Sacred Burial Grounds Expansion.
2. Activation of \$ 150,000.00 from the FY2022 CIP Budget for CDC #21-114 Sacred Burial Grounds Expansion.

# Sacred Burial Grounds Expansion



**CDC #21-114**

**CDC APPROVAL PACKAGE**

**Project Client:** Environmental, Health, Safety, Land & Agriculture (EHSLA) Division

**Project Team:**

Nicole Rommel	Division Director - EHSLA Division
Jacy Rasmussen	Administrative Assistant - EHSLA Division
Diane Wilson	Property Manager – Land Management Dept.
Shad Webster	Deputy Director - Land Management Dept.
Jacque Boyle	Division Director - Division of Public Works
Dennis Johnson	Manager – Community Wells & Septic Dept.
Troy D, Parr	Area Manager – Community Development
Paul J. Witek	Engineering Director/Senior Architect - Engineering Dept.



# Table of Contents

PROJECT EXECUTIVE SUMMARY.....5

**I. Needs Assessment and Project Justification.....7**

**II. Business Plan .....7**

**III. Management Plan.....7**

**IV. Facility Concept and Space Requirements .....8**

**V. Site Selection Criteria .....9**

**VI. Environmental .....9**

**VII. Budget Estimate.....9**

**VIII. Financial Plan .....10**

**IX. Communication Plan.....11**

**X. Project time line.....11**

**XI. Appendix .....12**



## PROJECT EXECUTIVE SUMMARY

Project Title: Sacred Burial Grounds Expansion

### Project Description:

The project proposes to expand the existing Oneida Sacred Burial Grounds to the east on the adjoining undeveloped agricultural parcel. Only a portion of the parcel will be used for expanding the cemetery as denoted in the hydrogeology review report.  
(see page 7 of CDC Approval Package)

### Management/Business Plan:

The administrative responsibilities of the Oneida Sacred Burial Grounds would continue to be under the EHSLA Division, Land Management Department.  
(see page 7 of CDC Approval Package)

### Site Selection:

The parcel identified for the expansion is the parcel directly east of the existing Sacred Burial Grounds (HB-251) on the 300 block of West Adam Drive.  
(see page 9 of CDC Approval Package)

**Project Budget Estimate:** (also see page 9 of CDC Approval Package)

Soft & Misc. Costs:		\$188,300
Construction:		\$1,473,000
Furniture, Fixtures & Equipment (FFE):		\$20,000
Contingency:	12%	\$201,800
<b>Total (rounded):</b>		<b>\$1,883,000</b>

### Financial Plan:

Partial project funds are included in the approved FY2022 CIP budget. Additional project funds will be requested in the future CIP budgets.  
(see page 10 of CDC Approval Package)

### Communication Plan:

The standard process will be used for communicating the project status to the community.  
(see page 11 of CDC Approval Package)



## I. Needs Assessment and Project Justification

- A. **Introduction:** The project proposes to expand the existing Oneida Sacred Burial Grounds to the east on the adjoining undeveloped agricultural parcel. Only a portion of the parcel will be used for expanding the cemetery as denoted in the hydrogeology review report.
- B. **Present Facilities:** The existing cemetery is located on West Adam Drive within parcel HB-240 and encompasses approximately 12 acres of that parcel. There are 1233 burial plots within the existing cemetery. Of the defined burial plots 356 of them are occupied or are presold leaving 877 plots available for burials. Of the 877 plots available, 119 are for urn burial only leaving 758 full burial plots available (as of 10/07/21).

The capacity figures below do not include burials on any pre-sold plots or any urn burials. If those would be included the years of capacity would be extended.

Available Burial Plots	Estimated burials per year	Capacity, number of years
758	20	37.90
758	30	25.27
758	40	18.95

- C. **Problem:** Although there is adequate capacity at the existing cemetery, other factors involved with selecting a gravesite may influence the need for identifying additional cemetery capacity. The proximity of family gravesites to one another, religious affiliations and military interment may make certain areas of the cemetery more desirable than others, thus impacting capacity in certain portions of the cemetery.

## II. Business Plan

- A. The Environment, Health, Safety, Land & Agriculture (EHSLA) Division is a tribal service entity not structured to accumulate profits, therefore, a Business Plan is not applicable for this project per the Capital Improvement Process.

## III. Management Plan

- A. Management:
1. Per the *Oneida Code of Laws, Title 1 Government and Finances – Chapter 127 Cemetery Law, Article 127.4-3 Administrative Responsibilities*; The administrative responsibilities of the Oneida Sacred Burial Grounds would continue to be under the EHSLA Division, Land Management Department.
  2. Per the *Oneida Code of Laws, Title 1 Government and Finances – Chapter 127 Cemetery Law, Article 127.4-4 Maintenance Responsibilities*; The maintenance responsibilities of the Oneida Sacred Burial Grounds would continue to be under the EHSLA Division, Land Management Department.

- a) The department currently contracts with a vendor for cemetery maintenance. The proposed expansion would be added to the vendor's contract responsibilities upon completion of the project.
- B. Organizational Chart: The proposed project would not change the current organization of the EHSLA Division Director reporting to the General Manager.
- C. Staffing, Requestor: Current staffing will not change because of this project. However, if additional staff are needed in the future, they will be requested through the normal HRD processes.
- D. Staffing, Service Departments: The tribal service departments that are impacted by this project include the following. Their need for additional staffing due to this project is noted:
  1. DPW – Facilities (no additional position(s) needed)
  2. DPW - Groundskeeping (no additional position(s) needed as work is outsourced to vendor)
  3. Custodial (no additional position(s) needed)
  4. MIS (no additional position(s) needed)

#### IV. Facility Concept and Space Requirements

- A. The proposed project would create additional burial plots and associated roadways/paths on the parcel to the east of the existing Sacred Burial Grounds. The parcel (HB-251) contains 38.06 acres, of which only a portion will be used for expanding the cemetery as denoted in the Hydrogeologic Conditions Review report prepared by GEI Consultants, dated June 29, 2021 (see Appendix).
- B. While a specific layout of burial plots for the expansion will not be done until approval of the project, it is estimated that the area that would be developed would allow approximately 2,000 burial plots.
- C. The project scope would include the following:
  1. Removal of the existing gravel drive the is currently between the existing Sacred Burial Grounds and the expansion parcel.
  2. Removal of drive/access to *Where the Water Birds Nest*.
  3. Create a new entry road off West Adam Drive into the expansion area.
  4. Create entry signage at new entrance identifying the Oneida Sacred Burial Grounds.
  5. Create driveways and parking lanes for circulation within the new burial plots.
  6. Planting of trees to screen the cemetery from *Where the Water Birds Nest*.
  7. Planting of trees within the expansion area.
  8. Allow for future expansion.

- D. Excluded from the scope of work are:
1. Structures/buildings: pavilion, chapel, mausoleum, etc.
  2. Lawn irrigation system.
  3. Site lighting.
  4. Site furnishings.
  5. Site surveillance systems.

**V. Site Selection Criteria**

- A. The parcel identified for the expansion is the parcel directly east of the existing Sacred Burial Grounds (HB-251) on the 300 block of West Adam Drive.
- B. The parcel is in fee status.
- C. The parcel is currently zoned A1 – Agricultural.
1. Per the *Oneida Code of Laws, Title 6 Property and Land – Chapter 605 Zoning and Shoreland Protection, Article 605.7-10 Agricultural District (A1), paragraph (c)(5), cemeteries are a Conditional Use.*
  2. *Per 605.10-2 a Conditional Use Permit is required to be approved by the Oneida Land Commission.*
- D. LUTU: This parcel has been through the LUTU process. It is part of a larger property acquisition and is identified as LUTU-0001 (see Appendix).

**VI. Environmental**

- A. An assessment will be initiated once the project has been approved and the design is at a stage where there is sufficient information to request and conduct the assessment.

**VII. Budget Estimate**

- A. The Project Budget Estimate follows:

**SOFT and MISCELLANEOUS COSTS**

Engineering Dept. Fees	0
Architect / Engineer Fees & Reimbursables	176,800
Soil Borings, Testing and Surveys	9,600
Agency Review and Approval Fees	1,500
Insurance - Builders Risk	covered by property insurance
Historical/Cultural/Archaeological Review	350

Sub-total: 188,300

**CONSTRUCTION**

Utility Relocation/Extension	0
Site Work & Landscape	1,348,000

Sub-total: 1,348,000

Oneida Preference Amount	0	
Sustainable Design Premium	0%	0
Inflation Factor: 3 years	3% per year	125,000

Sub-total: 1,473,000

**FIXTURES, FURNISHINGS AND EQUIPMENT**

Division 10 - Specialties	20,000
Division 11 - Equipment	0
Division 12 - Furnishings	0
Division 27 - Communications	0
Division 28 - Electronic Safety & Security	0

Sub-total: 20,000

<b>TOTAL:</b>		1,681,300
Contingency:	12.0%	201,800
Finance Costs:	0.0%	0

**ESTIMATED TOTAL PROJECT BUDGET: \$ 1,883,000**

**VIII. Financial Plan**

- A. Tribal Financing: - It is proposed to fund this project through the tribal CIP Budget.
1. Project funds of \$150,000 have included in the approved FY2022 CIP budget.
  2. The remaining project funds will be requested in future fiscal year CIP budgets.
- B. The Project Team has been researching possible grant opportunities for the project and has identified the following potentials:
1. None currently.



**IX. Communication Plan**

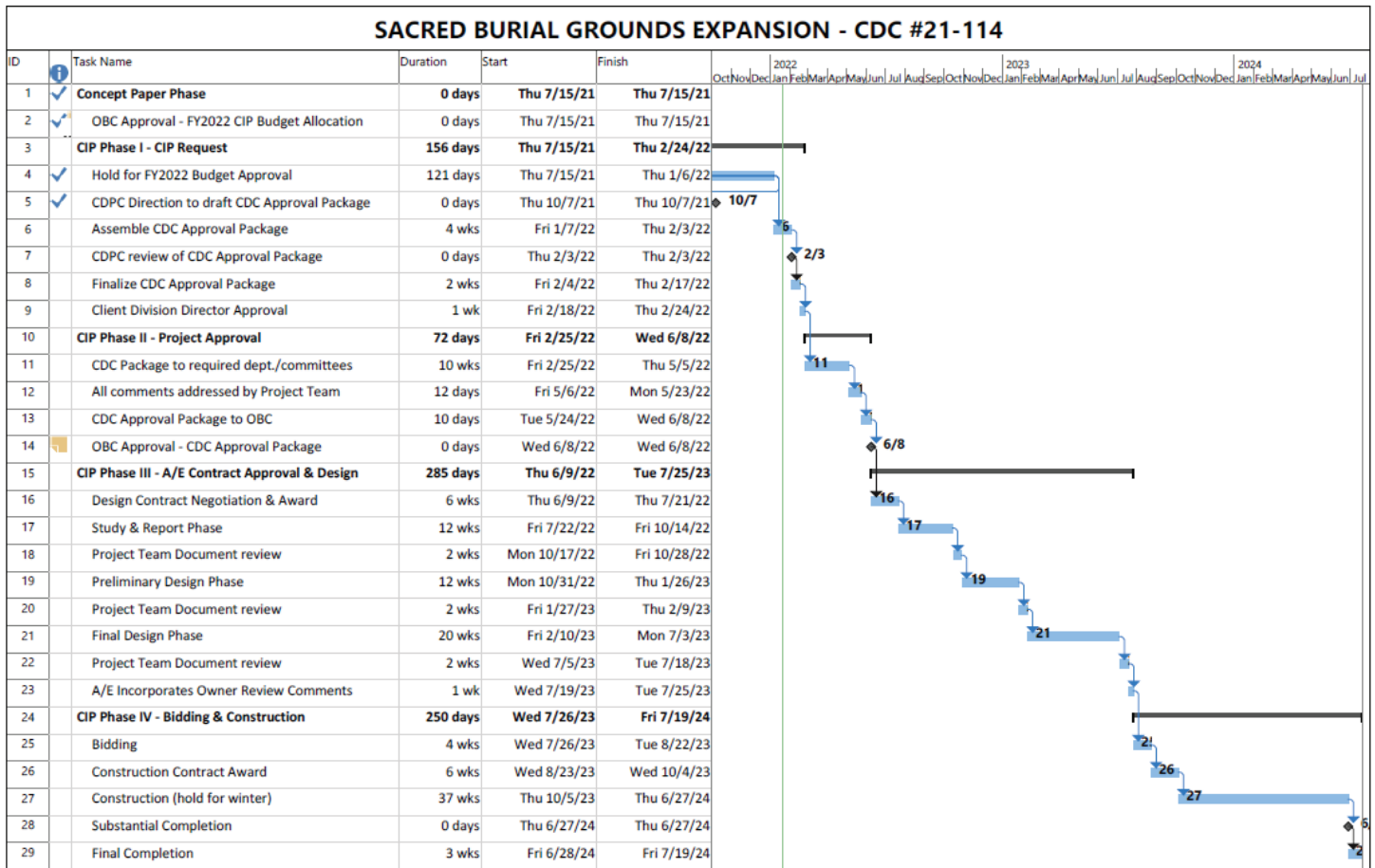
A. Information included in a communication plan for this project will include:

1. CIP project number
2. Project title
3. Brief description of the project scope
4. Project status
5. Project budget amount
6. Project schedule

B. The Project Information will be communicated to the community and staff as follows:

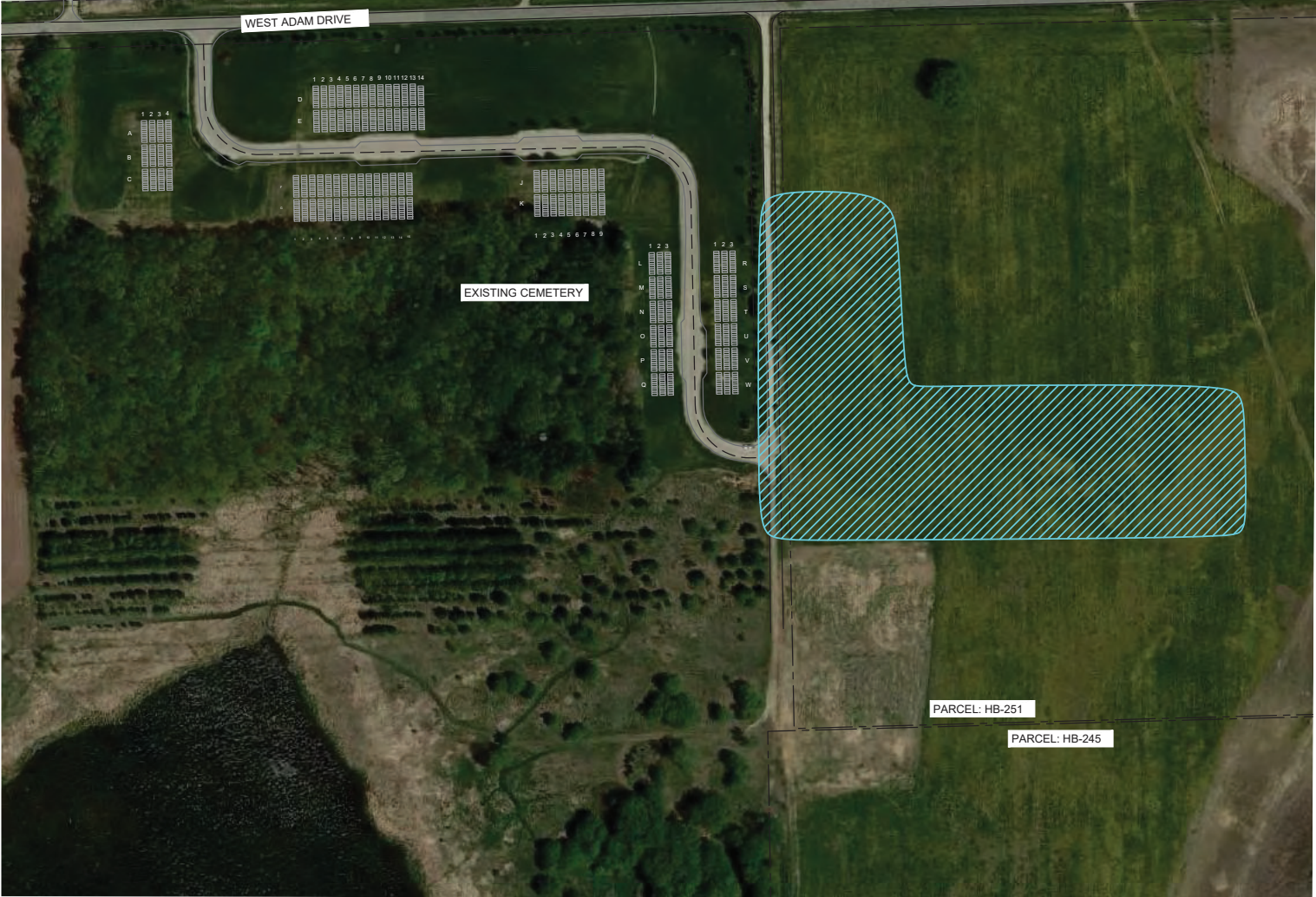
1. Monthly Status Reports on Oneida Nation website.
  - a) Under “Business”; “Community Development”; “Project Status Reports”.
2. Ground breaking and dedication ceremonies scheduled with the events coordinator.
3. Periodic articles in the Kalihwisaks based upon the specific needs of the project.

**X. Project time line**



**XI. Appendix**

- A. Site Sketch.
- B. Hydrogeologic Conditions Review report.
- C. LUTU-0001.



- LEGEND**
- APPROXIMATE PARCEL BOUNDARY
  - EXISTING PAVED ROAD
  - EXISTING BURIAL PLOTS
  - ▨ APPROXIMATE LIMIT OF BURIAL PLOT SECTIONS

- NOTES:**
1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018



CONCEPTUAL CEMETERY EXPANSION PLAN  
 ONEIDA SACRED BURIAL GROUNDS  
 ONEIDA, WI  
 ONEIDA NATION ENGINEERING DEPARTMENT  
 ONEIDA, WI



LIMITS OF EXPANSION  
 Project 2101097 JUNE 2021 Fig. 15



Consulting  
Engineers and  
Scientists

## Oneida Cemetery Expansion Site Hydrogeologic Conditions Review

Oneida Cemetery  
Oneida, Wisconsin

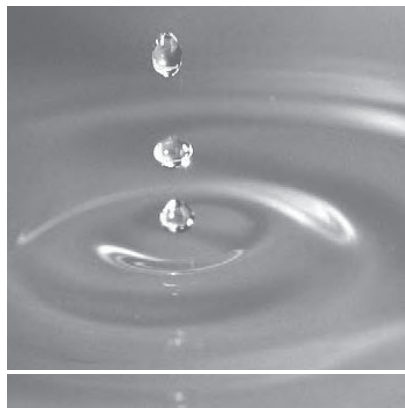
**Submitted to:**


Oneida Nation  
P.O. Box 365  
Oneida, Wisconsin 54155


**Submitted by:**

GEI Consultants, Inc.  
3159 Voyager Drive  
Green Bay, Wisconsin 54311  
920-455-8200

June 29, 2021  
Project 2101097



  
\_\_\_\_\_  
Paul J. Kilian, P.E.  
Senior Project Engineer

  
\_\_\_\_\_  
Theodore F. Augustine, P.G.  
Senior Hydrogeologist

## Table of Contents

---

<b>Executive Summary</b>	<b>1</b>
<b>1. Introduction</b>	<b>2</b>
<b>2. Site Characteristics</b>	<b>3</b>
2.1 Regional and Local Topography	3
2.2 Soil Conditions	3
2.3 Groundwater Conditions	4
2.3.1 Groundwater Elevations	4
2.3.2 Groundwater Flow	5
2.3.3 Seasonal Changes	6
<b>3. Conclusions and Recommendations</b>	<b>7</b>
3.1 Cemetery Expansion without Groundwater Controls	7
3.2 Cemetery Expansion with Groundwater Controls	7
3.3 Other Considerations	8
3.3.1 Unsaturated Burial Depth	8
3.3.2 Groundwater Quality	8

## Figures

---

Figure 1	Site Location Map
Figure 2	Boring and Monitoring Well Location Diagram
Figure 3	Cross Section A-A'
Figure 4	Cross Section B-B'
Figure 5	Cross Section C-C'
Figure 6	Cross Section D-D'
Figure 7	Groundwater Elevation Data (2017-2021)
Figure 8	Depth to Groundwater for Northern Wells (2017-2021)
Figure 9	Depth to Groundwater for Southern Wells (2017-2021)
Figure 10	Average Depth to Groundwater (2017-2021)
Figure 11	Groundwater Contour Map (8/31/2020)
Figure 12	Groundwater Contour Map (11/30/2020)
Figure 13	Groundwater Contour Map (2/24/2021)
Figure 14	Groundwater Contour Map (5/14/2021)
Figure 15	Limits of Expansion

Hydrogeologic Conditions Review  
Oneida Cemetery  
Oneida, Wisconsin  
June 29, 2021

## Appendices

---

- Appendix A Boring Logs  
Well Installation Diagrams
- Appendix B Private Water Well Logs
- Appendix C Groundwater Elevation Data (2017-2021)
- Appendix D Drainage System Discharge Rates (2017-2021)  
Drainage System Discharge with Daily Precipitation (2017-2021)

\\grb-pzcc-1\GRB\Projects\Oneida Nation\Oneida Cemetery - East Expansion Hydrogeologic Study\Oneida Cemetery Expansion Site - Hydrogeologic Review\_FINAL.docx

## Executive Summary

---

GEI Consultants, Inc. (GEI) was retained by the Oneida Nation to review hydrogeologic conditions of Brown County Parcel HB-251, located east of the existing Oneida Cemetery property, south of West Adam Drive in Brown County, Wisconsin. The purpose of the hydrogeologic review is to characterize groundwater conditions relative to the potential use of this parcel to expand the adjacent cemetery.

Results of the hydrogeologic study indicate groundwater elevations, flow direction, and surface water interaction are influenced by topography, subsoil conditions, seasonal precipitation events, and regional and local drainage features. In general, groundwater elevations fluctuate in response to precipitation events. The depth to groundwater is generally greater than six feet in the south and west portions of the parcel while the depth to groundwater in the northern portions of the parcels are typically less than six feet. Potential expansion of the cemetery may be practicable in the south and west portions but is not recommended in the northern portion without implementing groundwater control. This is due, in part, to the presence of low permeability silty clay and silt deposits in the northern portion. Conversely, the south and west portions are largely comprised of well-drained high permeability silty sand deposits.

The subsurface drainage system installed on the adjacent cemetery property appears to be effective in controlling groundwater elevations and a similar system for the northern areas of the potential expansion site may be feasible. Importing fill to raise surface elevations may also extend the unsaturated burial depth. Active groundwater control through the operation of pumping wells, or shallow wellpoints may also be feasible but would require electrical service and maintenance.

# 1. Introduction

---

The Oneida Sacred Burial Grounds is located south of West Adam Drive and east of County Highway U in eastern Brown County, south of the community of Oneida, Wisconsin. The cemetery consists of approximately 12 acres within a 50-acre parcel, partially wooded. The cemetery borders a restored wetland, *Where the Water Birds Nest*, located to the south. The site is designed to accommodate approximately 1,700 grave sites.

Since 2001, the site has been subject to several studies to define the surface and groundwater conditions. Grading and surface drainage improvements have been implemented at the cemetery property since 2008 and in 2013 a subsurface drainage system was installed. Consistent with recommendations of a Hydrogeologic Study completed in September 2016, the subsurface drainage system was expanded in 2017, and a second expansion of the system is scheduled for summer 2021. In general, the subsurface drainage system consists of a series of 4-inch diameter perforated drainpipes installed below grade. These lateral drainpipes convey groundwater to a 6-inch diameter header pipe which extends generally west to east along the south boundary of the cemetery. The header pipe discharges to a manhole from which a main discharge line extends west across the adjacent agricultural field to discharge to a surface outfall approximately 500 feet west of the cemetery.

As part of the future planning for the Oneida Cemetery, the undeveloped (agricultural) parcel, directly east of the existing cemetery was identified as a potential future expansion site (Expansion) for cemetery use. GEI Consultants, Inc. (GEI) was retained by the Oneida Nation to review hydrogeologic conditions of the Expansion and submit this report providing technical conclusions and recommendations regarding the future use of the site as a cemetery.



## 2. Site Characteristics

---

### 2.1 Regional and Local Topography

The existing cemetery property and Expansion are located in eastern Brown County in an area of relatively flat topography. The Expansion (Brown County Parcel #HB-205) is approximately 38-acres and currently used for agriculture. The surface elevation of the Expansion ranges from about +720 at the southwest corner of the 38-acre parcel to about +695 in the northeast corner of the parcel. Comparatively, the surface topography of the existing cemetery ranges from about +700 to about +710.

The existing cemetery, and Expansion, are located approximately 1 mile east of Duck Creek, a regional waterway which controls much of the Oneida watershed. The location of the cemetery property is indicated on Figure 1. Apparent on Figure 1 is County Highway E (Freedom Road) located along a topographic ridge that extends northeast to southwest along the east side of Duck Creek.

Also indicated on Figure 1 are the limits of the floodplain, which identifies flood risk boundaries as designated by the Federal Emergency Management Agency (FEMA) and recorded wetlands as designated by the Wisconsin Department of Natural Resources (WDNR). As indicated in Figure 1, the eastern edge of the Expansion is identified as a designated wetland. Surface water drainage from the Expansion is generally northwest toward the wetland which discharges to a drainageway and ultimately flows northwest to Duck Creek.

### 2.2 Soil Conditions

Hydrologic Investigations Atlas HA-470, E.L. Oakes and L.J. Hamilton, 1973, place the Expansion in the Menominee-Oconto-Peshtigo River basin and identify soil deposits as stratified glacial drift consisting of clay, silt, and sand lake deposits.

The Soil Survey of Brown County (USDA Soil Conservations Service, 1974) provides detailed maps describing shallow soil conditions throughout the county. Soil types identified by the USDA Soil Survey are depicted on Figure 2. As indicated on Figure 2, the USDA Soil Survey characterize soils at the Expansion primarily as:

- Manistee Series (MeB, MfB) – consisting of loamy fine to medium sand overlying reddish-brown silty clay lacustrine sediment of glacial till.
- Poygan Silty Clay Loam (POY) – very deep poorly drained soils, moderately deep to sandy deposits, formed primarily in clayey water-laid deposits overlying sandy deposits on glacial lake basins and stream terraces.

A review of boring logs largely confirms the results of the soil survey identifying silty clay deposits, with little sand, in the northwest portion of the cemetery property with sand overlying clay encountered in the east and southern portions of the property, including the Expansion. Soil

boring logs and well installation diagrams corresponding to the locations shown on Figure 2 are included in Appendix A.

Subsurface conditions are illustrated on the geologic cross sections provided in Figures 3 through 6 (cross sections A-A', B-B', C-C', and D-D', respectively). Cross sections A-A' and B-B' indicate the presence of silty clay and silt deposits throughout the western portion of the cemetery transitioning to silty sand deposits in the east portion of the cemetery and show the thickness of the sand deposits generally increase on the Expansion east of the cemetery. This silty sand layer also appears to extend to the south, toward the wetland pond as indicated by cross sections C-C' and D-D'. The water table is likely within the silty clay and silt deposits in the north and west portions of the cemetery and appears to be within the silty sand material in the areas east and southeast. It should be noted that the silty clay and silt deposits become thicker (see cross sections A-A' and D-D') across the northeast corner of the Expansion. The water table in the northeast corner of the Expansion is within silty clay and silt deposits.

The glacial deposits overlie bedrock consisting of dolomite of the Galena, Platteville, and Decorah formations. Underlying the dolomite, the St. Peter Sandstone is present and is typically the formation from which many of the private water supply wells draw from. Private well logs from properties surrounding the Expansion are provided in Appendix B. As indicated by these private well logs, dolomite bedrock was encountered at a depth of 50 to 100 feet and sandstone was encountered at a depth of about 120 feet to over 200 feet.

USDA Soil Survey maps a bedrock escarpment just south of the cemetery property and east of the wetland pond. Reviewing the soil boring log for MW-8, located south of the wooded area near the north end of the wetland pond, there is a note indicating rock at a depth of 14 feet. Although this may be a boulder, it is also possible that bedrock may be nearer to the surface in the southeast portion of the site than reflected in the private well logs.

## **2.3 Groundwater Conditions**

### **2.3.1 Groundwater Elevations**

Groundwater elevations and, correspondingly, the depth to groundwater, were evaluated from February 2017 through May 2021. Figure 2 indicates the locations of exploration soil borings and groundwater monitoring wells on the cemetery property and the Expansion. Groundwater elevation data from February 2017 through May 2021 is located in Appendix C.

Groundwater elevations across the Expansion generally fluctuate between +695 and +703 (see Figure 7). Groundwater elevations were highest in the spring of 2020, ranging from +703 to +707. Also shown on Figure 7, changes in groundwater elevation do not appear to be directly/immediately related to precipitation events.

Depth to groundwater across the cemetery and the Expansion were calculated using groundwater elevation data from 2017 through 2021 (see Appendix C). Figures 8 and 9 show the depth to groundwater along the northern and southern portions of the cemetery and Expansion, respectively. Depth to groundwater is significantly less in the northern portion than in the southern portion. This is likely due to the presence of silty clays and silts of low hydraulic

conductivity in the northern portion of the site compared to sands of high hydraulic conductivity across the southern portion of the site. The subsurface of the southern portion of the site is better drained than that of the northern portion due to its high hydraulic conductivity.

Average depth to groundwater across the cemetery and the Expansion were calculated using the depth to groundwater data mentioned above. Figure 10 presents the average depth to groundwater across the cemetery and the Expansion as a contour map. As indicated by the map, groundwater is shallowest in the north and west and deepens generally to the south and east. Average depth to groundwater on the Expansion, specifically, is greater than six feet across the entire southern portion and the majority of the western portion.

Grading and surface drainage improvements were implemented at the cemetery property in 2008. Improvements completed at that time included installing a culvert below the cemetery access road and constructing drainage swales. Portions of the site were filled and graded to raise the ground surface elevation at several of the burial sites in the south and central portion of the cemetery. According to design plans, the burial sites were raised, as much as four feet, by constructing a minimum 12-inch sandy drainage layer over the existing grade and covering with sandy fill with at least 6 inches of topsoil or 4 inches of hardwood mulch. Based on conditions observed throughout the duration of this study and long-term observations of Oneida Nation personnel, it appears surface water is largely controlled to limit ponding and flooding.

A subsurface drainage system was installed in winter 2013. The location of the drain lines are indicated on Figure 2. In general, the primary drain line consists of a 6-inch diameter perforated corrugated polyethylene pipe installed to an elevation of approximately +700. Lateral drains constructed of 4-inch diameter perforated pipe extend north and east from the main line as indicated on Figure 2. The main discharge line extends along the south edge of the cemetery and continues west across the adjacent agricultural field to discharge to a surface outfall approximately 500 feet west of the cemetery. The portion of the drain line that extends across the agricultural field is non-perforated. The elevation of the surface outfall is +697.9.

Information provided in Appendix D includes an evaluation of discharge records from the drainpipe relative to precipitation data obtained from Austin Straubel International Airport, located approximately 3 miles northeast of the cemetery. Discharge rates recorded at the surface outfall range from less than 5 gallons per minute (gpm) to over 85 gpm. As seen on the figure "Drainage System Discharge with Daily Precipitation," located in Appendix D, between 2017 and 2021 there is little direct correlation between available discharge records and rainfall events.

### **2.3.2 Groundwater Flow**

Groundwater elevation data over a period of one year (August 2020, November 2020, February 2021, and May 2021) were used to prepare quarterly groundwater elevation contour maps. Figures 11 through 14 depict the quarterly groundwater elevation contours for 3rd Quarter 2020, 4th Quarter 2020, 1st Quarter 2021, and 2nd Quarter 2021, respectively.

As depicted in the figures, groundwater mounding appears to be occurring around monitoring wells MW-3 and MW-15. Groundwater flow within the existing property exists in multiple directions, indicating that it is being impacted (as one would expect) by the drainage system

Hydrogeologic Conditions Review  
Oneida Cemetery  
Oneida, Wisconsin  
June 29, 2021

installed across the site in years prior. Groundwater flow across the Expansion is not influenced by the site drainage system and exhibits a consistent easterly flow during all four quarters.

### **2.3.3 Seasonal Changes**

Groundwater elevation data and drainage system discharge data from 2017 through 2021 were analyzed for seasonal changes. As seen on Figure 7, groundwater rises to its highest annual level during the spring months (March, April, and May) and then falls to its lowest level during the winter months (December, January, and February). This trend repeats itself each year. Slight variations, likely due to higher than normal precipitation events, exist though seasonal trends are apparent and are the major cause for fluctuations in groundwater elevation. Drainage system discharge rates are also generally greater in spring (March, April, and May) and decrease during the later months of the year. This is depicted on the figure “Drainage System Discharge with Daily Precipitation,” located in Appendix D. As one would expect this trend coincides with groundwater elevation trends mentioned earlier.

### 3. Conclusions and Recommendations

---

#### 3.1 Cemetery Expansion without Groundwater Controls

Groundwater elevations and, correspondingly, the depth to groundwater, largely influence the potential for expanding the existing cemetery to the east. Historical groundwater data provided in Appendix C indicate groundwater elevations fluctuate three to six feet throughout a typical year. The largest fluctuations in groundwater elevations are generally in the north portions of the property while changes in groundwater elevations are less pronounced in the southwest portions of the site. As expected, groundwater elevations exhibit seasonal fluctuations and are generally highest during the early spring months (March and April) relative to the other seasons.

Recommendations for expanding the cemetery to the east largely depend on whether a five to six-foot unsaturated burial depth is a controlling factor in completing burials at this site. If an unsaturated burial depth of five to six feet is required at all times throughout the year, the east property offers limited areas for cemetery expansion without implementing groundwater controls.

As indicated in Figure 7, most of the Expansion site does not provide an unsaturated burial depth greater than six feet. Without groundwater controls, cemetery expansion would be limited to the southwest and south areas of Parcel #HB-251. Figure 15 shows the approximate limits of the proposed expansion area. Further in-situ soil testing for high water table levels across the proposed expansion area is recommended prior to the creation of a conceptual cemetery expansion design.

Based on topographic conditions, there is the potential that cemetery expansion could extend onto the northwest portion of the parcel to the south (Brown County Parcel #HB-245). Some groundwater monitoring should be completed on that parcel to confirm the depth to groundwater prior to finalizing expansion plans that include Parcel #HB-245.

#### 3.2 Cemetery Expansion with Groundwater Controls

The performance of the subgrade drainage system at the existing cemetery suggests that ground elevations can effectively be controlled using conventional construction methods. Conceptually, a subgrade drainage system for the Expansion would be independent of the existing system. A subgrade drainage system for the Expansion would likely drain east and discharge to the wetland that extends both northeast and southeast of the Parcel #HB-251.

As an alternative to a passive groundwater control system, actively pumping groundwater through a series of extractions wells, or suction well points, may also effectively control groundwater elevations and achieve the desired unsaturated burial depth. An active groundwater control system would require electrical service to the site but would potentially offer more control and flexibility than a passive subgrade drainage system.

The effectiveness of passive or active groundwater control systems could be supplemented by importing fill to raise existing elevations over strategic portions of the site. The purpose of adding fill is to provide a gently sloping grade to help prevent surface water ponding while raising surface elevations to increase burial depth. Adding coarse-grained fill would enhance drainage efficiency and better transmit infiltration to the drains.

Modifying the natural landscape may also assist in controlling groundwater elevations and reducing wide fluctuations in water levels. Planting trees and shrubs offers a long-term component to controlling groundwater elevations because presence of trees and shrubs can decrease the rate at which groundwater levels rise after precipitation events. Specific species tolerant of high water tables should be selected for landscaping and natural water level control.

### **3.3 Other Considerations**

#### **3.3.1 *Unsaturated Burial Depth***

The preliminary evaluation of the Expansion is based on maintaining an unsaturated burial depth of six feet. Although burial depths of six feet are widely considered the standard of practice, there are no federally mandated requirements or national standards concerning the depth of gravesites in the United States. Individual state or local regulations govern grave depths, and many states require a minimum of 18-inches of soil over the top of a casket or burial vault and 24-inches of soil over a body that is not enclosed. The International Cemetery, Cremation and Funeral Association (ICCFA) does not have, or make, a recommendation on the depth of a grave other than to recommend that a cemetery make sure to comply with any state and local regulations. ICCFA confirmed that 18 inches is a normal minimum that many states reference; however, there are states with no minimum.

Recognizing that Native American traditions, tribal specific requirements, and other cultural and religious beliefs may dictate otherwise, decreasing the burial depth from six feet to four feet would influence the limits of the expansion property which can be used for burials.

High groundwater in cemeteries is a relatively common condition, particularly in areas with shallow clayey soils. Conducting burials at locations in which the unsaturated depth is less than six feet does not imply that the caskets and vaults are placed in wet excavations. Excavations are dewatered and vaults are utilized such that groundwater is not visually apparent at the time of burial.

#### **3.3.2 *Groundwater Quality***

Shallow groundwater and a smaller unsaturated soil zone can increase the potential for groundwater contamination related to the operation and presence of cemeteries. Potential contaminant sources include embalming fluids and varnishes from caskets as well as nutrients, trace metals and bacteria, and other constituents associated with decomposition. Typically, the risk to groundwater quality is low because these potential contaminants are released at a slow rate, the substances leaching to the environment decline over time and in an unsaturated soil zone

Hydrogeologic Conditions Review  
Oneida Cemetery  
Oneida, Wisconsin  
June 29, 2021

to limit infiltration and facilitate natural breakdown. Potential contaminant loading is reduced at cemeteries using concrete vaults although the decomposition process is extended over a longer period of time. Comparatively more natural burials such as “blanket burials” may result in faster aerobic decomposition. Planting trees, shrubs, and other vegetation is also encouraged and provides a natural filtration system and increases the uptake of potential pollutants.

Although well managed cemeteries generally have a low impact on the environment, the subgrade drainage system operating at the existing cemetery offers the opportunity to directly assess the impact cemetery operations may have on shallow groundwater quality and determine whether the drainage system is providing pathway for any contaminated groundwater, if it persists or exists, to be discharged to the surface outfall.

Results of a water sample collected from the subgrade drainage system manhole in July 2017 indicated no significant concentrations of metals and a fecal coliform concentration of 122 colony forming units (CFU) per 100 milliliters (mL). We recommend routine sampling and chemical analysis of water samples from the subgrade drainage system be completed as that system is expanded.

## Figures

---

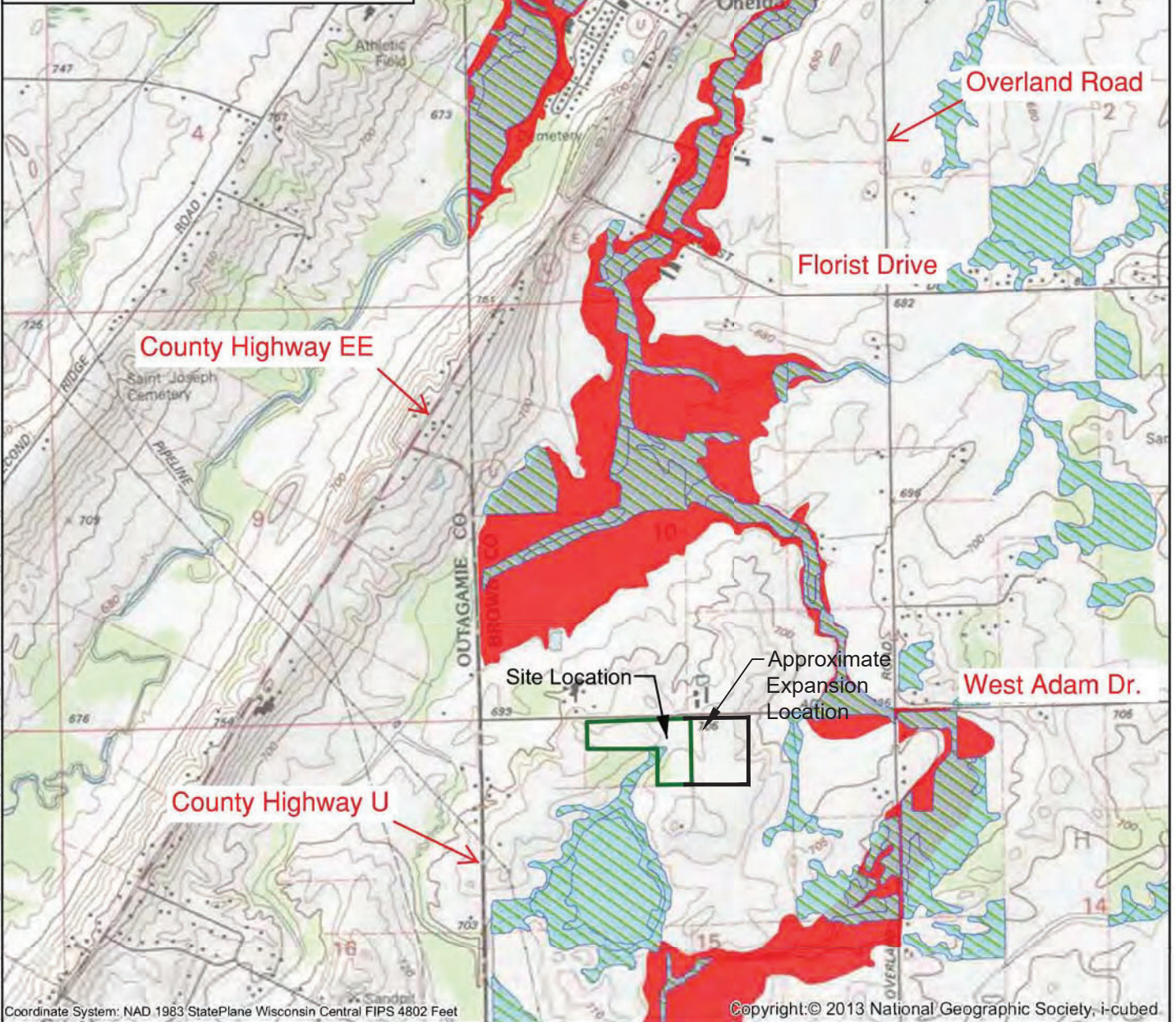
- Figure 1 Site Location Map**
- Figure 2 Boring and Monitoring Well Location Diagram**
- Figure 3 Cross Section A-A'**
- Figure 4 Cross Section B-B'**
- Figure 5 Cross Section C-C'**
- Figure 6 Cross Section D-D'**
- Figure 7 Groundwater Elevation Data (2017-2021)**
- Figure 8 Depth to Groundwater for Northern Wells (2017-2021)**
- Figure 9 Depth to Groundwater for Southern Wells (2017-2021)**
- Figure 10 Average Depth to Groundwater (2017-2021)**
- Figure 11 Groundwater Contour Map (8/31/2020)**
- Figure 12 Groundwater Contour Map (11/30/2020)**
- Figure 13 Groundwater Contour Map (2/24/2021)**
- Figure 14 Groundwater Contour Map (5/14/2021)**
- Figure 15 Limits of Expansion**





**Legend**

- Parcel Boundary
- Approximate Wetland Boundary
- FEMA Floodplain Limit (Brown County)

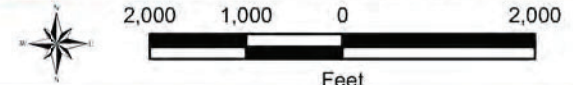


K:\Oneida Tribe of Indians of WI\1603850\_Oneida Cemetery Hydro Study\01\_GIS\MXDs\1603850\_figure01\_SITE LOCATION MAP.mxd CEF

Coordinate System: NAD 1983 StatePlane Wisconsin Central FIPS 4802 Feet

Note: Parcel boundary, FEMA\_Floodplains\_20110304\_AutoCAD\_DWG\_Format and WI DNR Wetland Boundaries downloaded from Brown County Land Information Office

Copyright:© 2013 National Geographic Society, i-cubed



<p>Oneida Cemetery Improvements - Hydrogeology Study</p>		<p>Site Location Map and General Site Features</p>
<p>Oneida Tribe of Indians of Wisconsin</p>	<p>1603850</p>	<p>June 2021 <span style="float: right;">Figure 1</span></p>



**LEGEND**

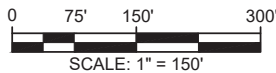
- MW-15 MONITORING WELL
- OP5 OBSERVATION POINT
- 6" PERFORATED DRAIN PIPE
- 4" PERFORATED DRAIN PIPE
- PAVED ROAD
- USDA WEB SOIL SURVEY DATA

**NOTES:**

1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018

**SOIL KEY**

KhB	KEWANEE SILT LOAM
McA	MANAWA SILTY CLAY LOAM
MeB	ALLENDALE FINE SANDY LOAM
ShB	SISSON FINE SANDY LOAM
Po	POYGAN SILTY CLAY LOAM
YhA	YAHARA SILT LOAM
SfB	SHAWANO LOAMY FINE SAND



ONEIDA CEMETERY EXPANSION  
 ONEIDA CEMETERY  
 ONEIDA, WI  
 ONEIDA NATION ENGINEERING DEPARTMENT  
 ONEIDA, WI

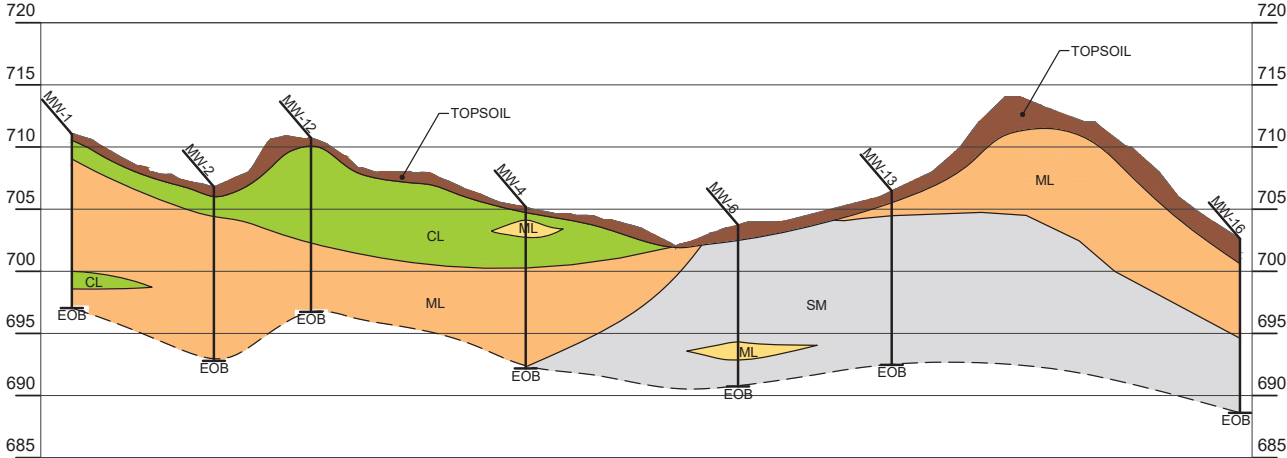


GEOPROBE AND MONITORING  
 WELL LOCATION DIAGRAM  
 Project 2101097 JUNE 2021 Fig 2

**LEGEND**

MW-15	BORING NUMBER
	STRATA LINE
EOB	END OF BORING
STRATA ID	
ML	SILT
SM	SILTY SAND
CL	CLAY

**NOTES:**  
 1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018



GEOLOGIC CROSS-SECTION A-A'  
 SCALE: 1"=200' HORIZ. & 1"=10' VERT.  
 20X VERTICAL EXAGGERATION

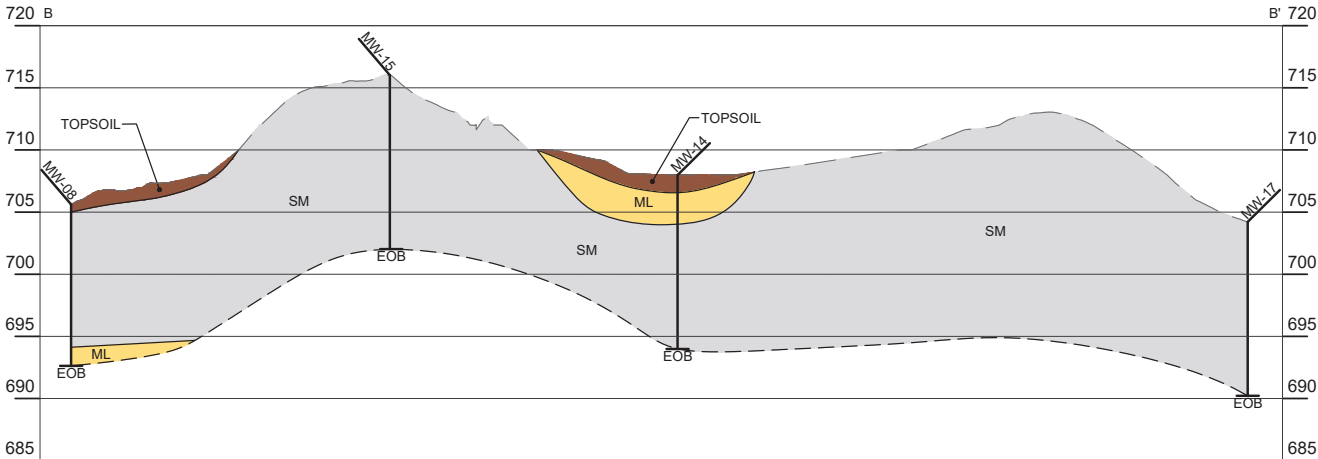


ONEIDA CEMETERY EXPANSION ONEIDA CEMETERY ONEIDA, WI		CROSS SECTION A-A'
ONEIDA NATION ENGINEERING DEPARTMENT ONEIDA, WI	Project 2101097	JUNE 2021
		Fig. 3

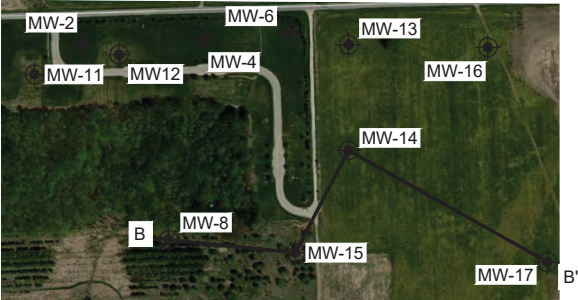
**LEGEND**

MW-15	BORING NUMBER
	STRATA LINE
EOB	END OF BORING
STRATA ID	
ML	SILT
SM	SILTY SAND

**NOTES:**  
 1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018



GEOLOGIC CROSS-SECTION B-B'  
 SCALE: 1"=200' HORIZ & 1"=10' VERT.  
 20X VERTICAL EXAGGERATION

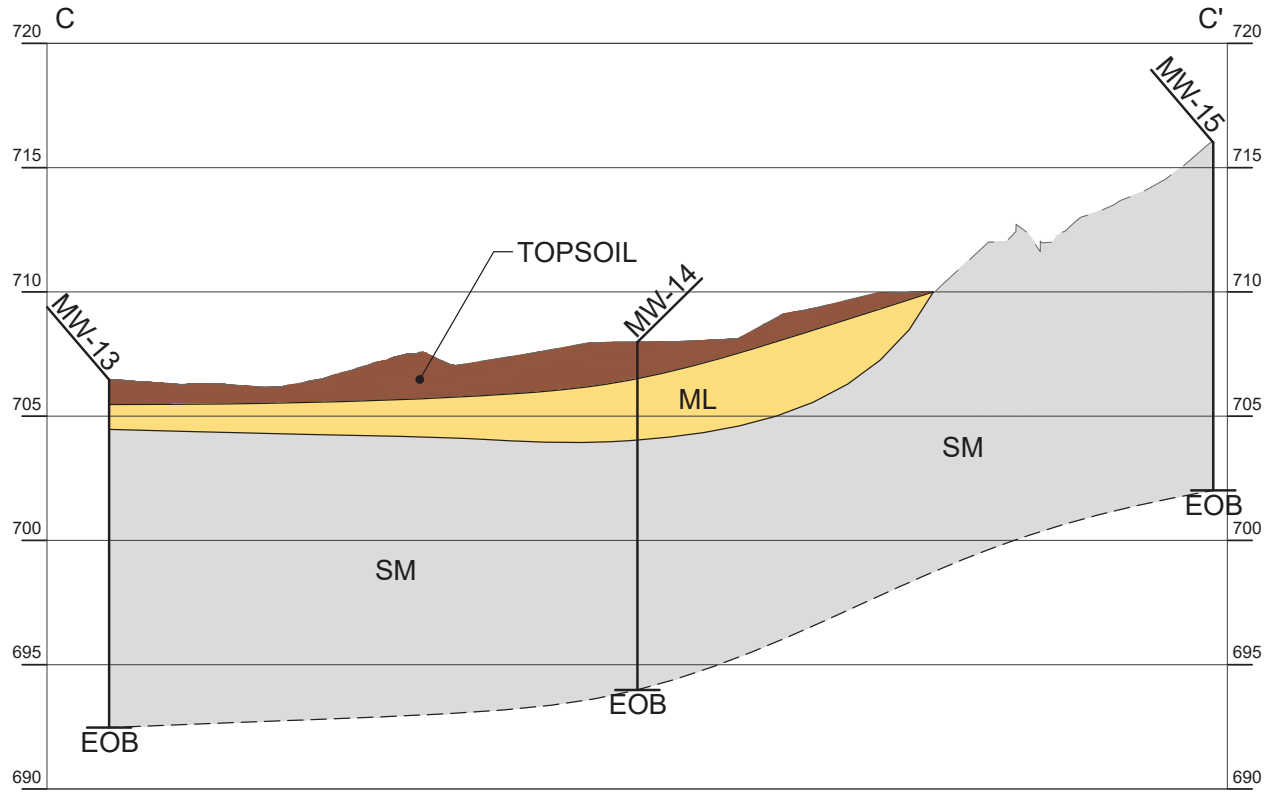


ONEIDA CEMETERY EXPANSION ONEIDA CEMETERY ONEIDA, WI		CROSS SECTION B-B'
ONEIDA NATION ENGINEERING DEPARTMENT ONEIDA, WI	Project 2101097	JUNE 2021
		Fig. 4

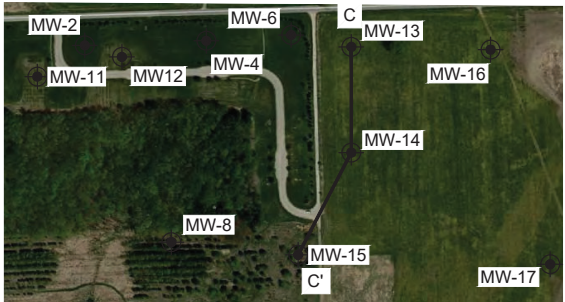
**LEGEND**

MW-15	BORING NUMBER
—	STRATA LINE
EOB	END OF BORING
STRATA ID	
ML	SILT
SM	SILTY SAND

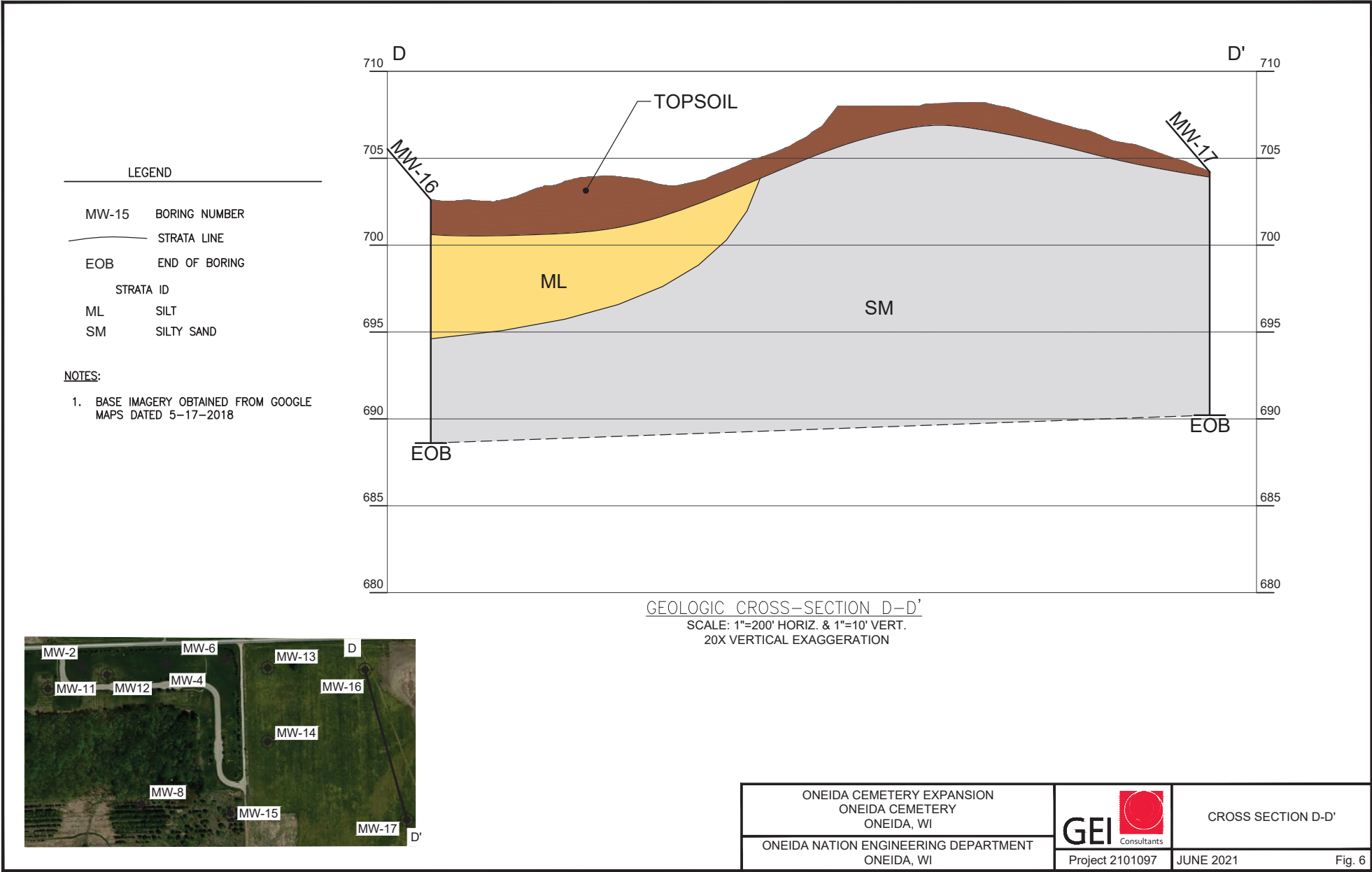
**NOTES:**  
 1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018



**GEOLOGIC CROSS-SECTION C-C'**  
 SCALE: 1"=200' HORIZ. & 1"=10' VERT.  
 20X VERTICAL EXAGGERATION



ONEIDA CEMETERY EXPANSION ONEIDA CEMETERY ONEIDA, WI	 Project 2101097	CROSS SECTION C-C'
ONEIDA NATION ENGINEERING DEPARTMENT ONEIDA, WI		



ONEIDA CEMETERY EXPANSION ONEIDA CEMETERY ONEIDA, WI		CROSS SECTION D-D'
ONEIDA NATION ENGINEERING DEPARTMENT ONEIDA, WI	Project 2101097	JUNE 2021
		Fig. 6

Figure 7 - Groundwater Elevation Data (2017-2021):  
Oneida Cemetery East Expansion Hydrogeologic Conditions Review

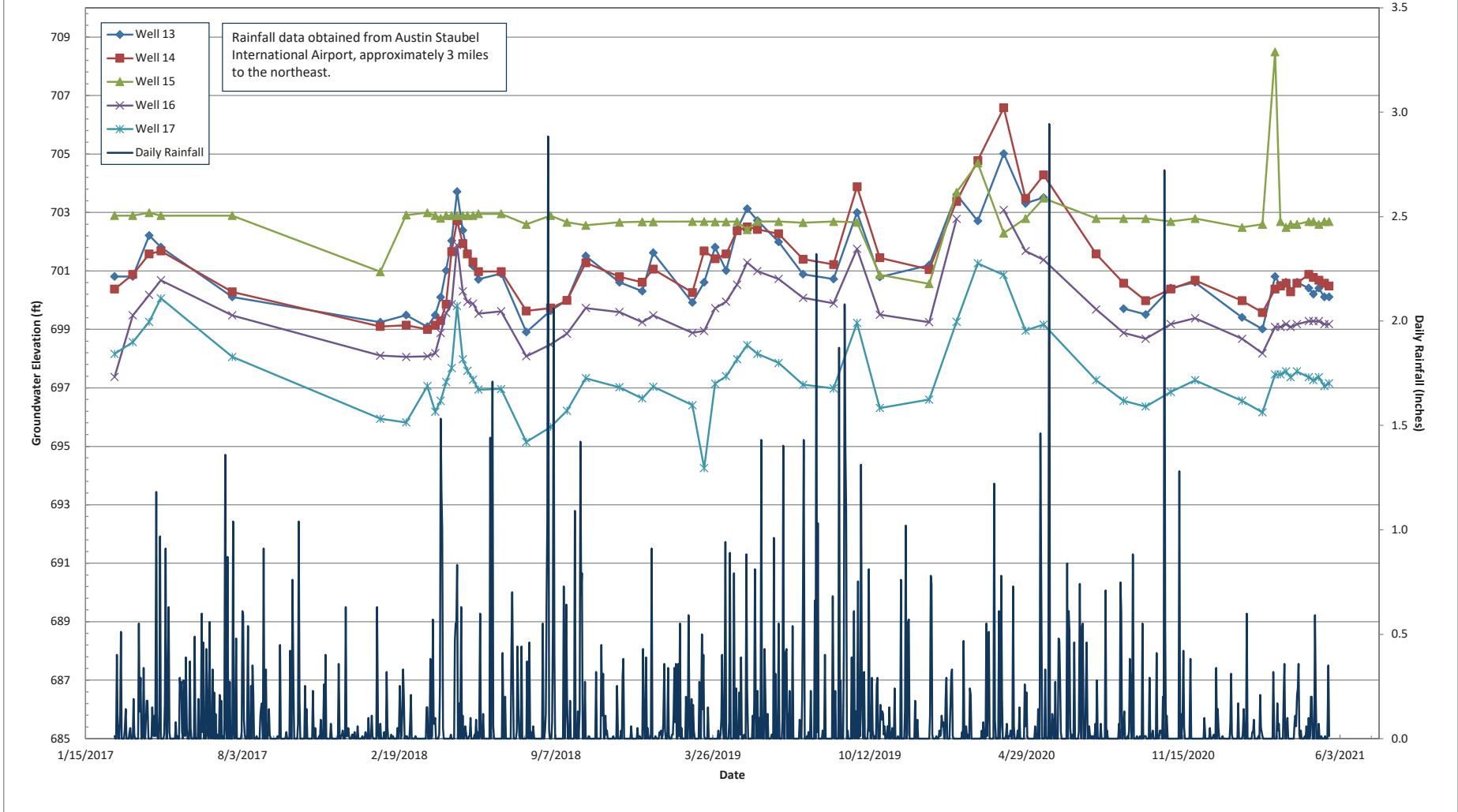


Figure 8 - Depth to Groundwater for Northern Wells (2017-2021):  
Oneida Cemetery East Expansion Hydrogeologic Conditions Review

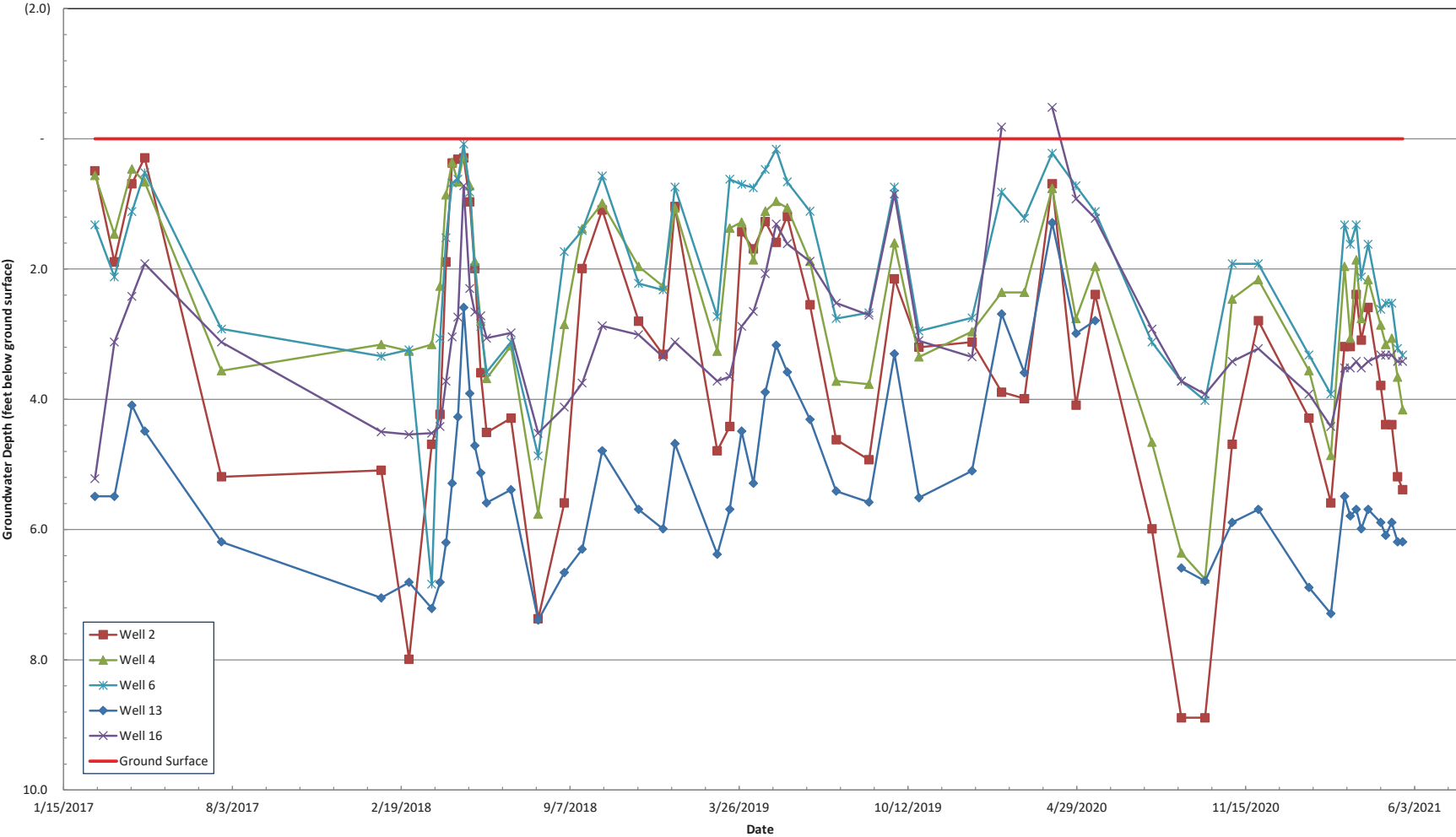
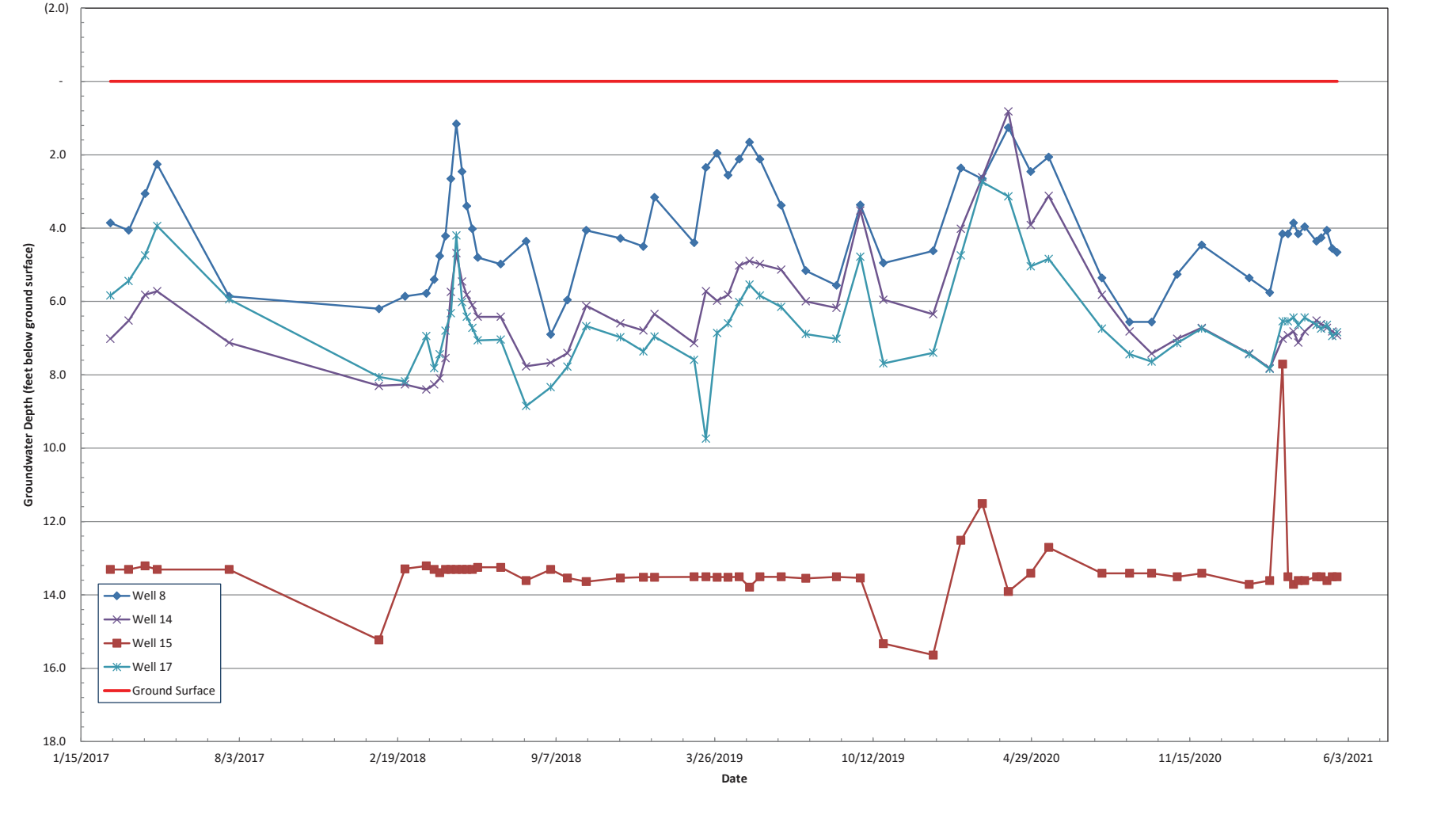


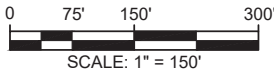


Figure 9 - Depth to Groundwater for Southern Wells (2017-2021):  
Oneida Cemetery East Expansion Hydrogeologic Conditions Review

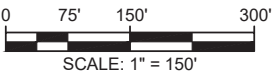
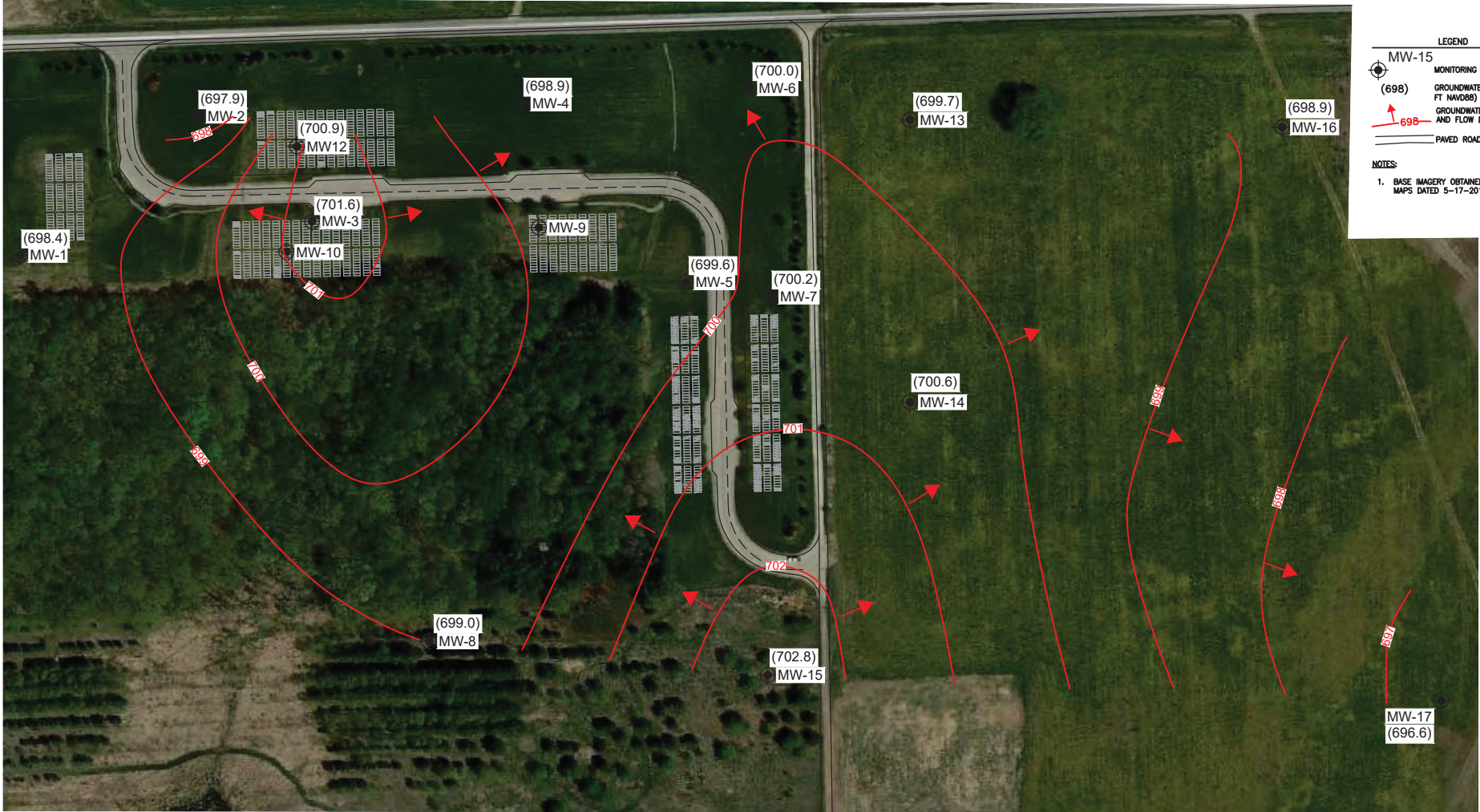




NOTE:  
MW-15 (13.40) OMITTED FOR VISUAL PURPOSES.



ONEIDA CEMETERY EXPANSION ONEIDA CEMETERY ONEIDA, WI		AVERAGE DEPTH TO GROUNDWATER (2017 -2021)
ONEIDA NATION ENGINEERING DEPARTMENT ONEIDA, WI	Project 2101097	JUNE 2021 <span style="float: right;">Fig. 10</span>

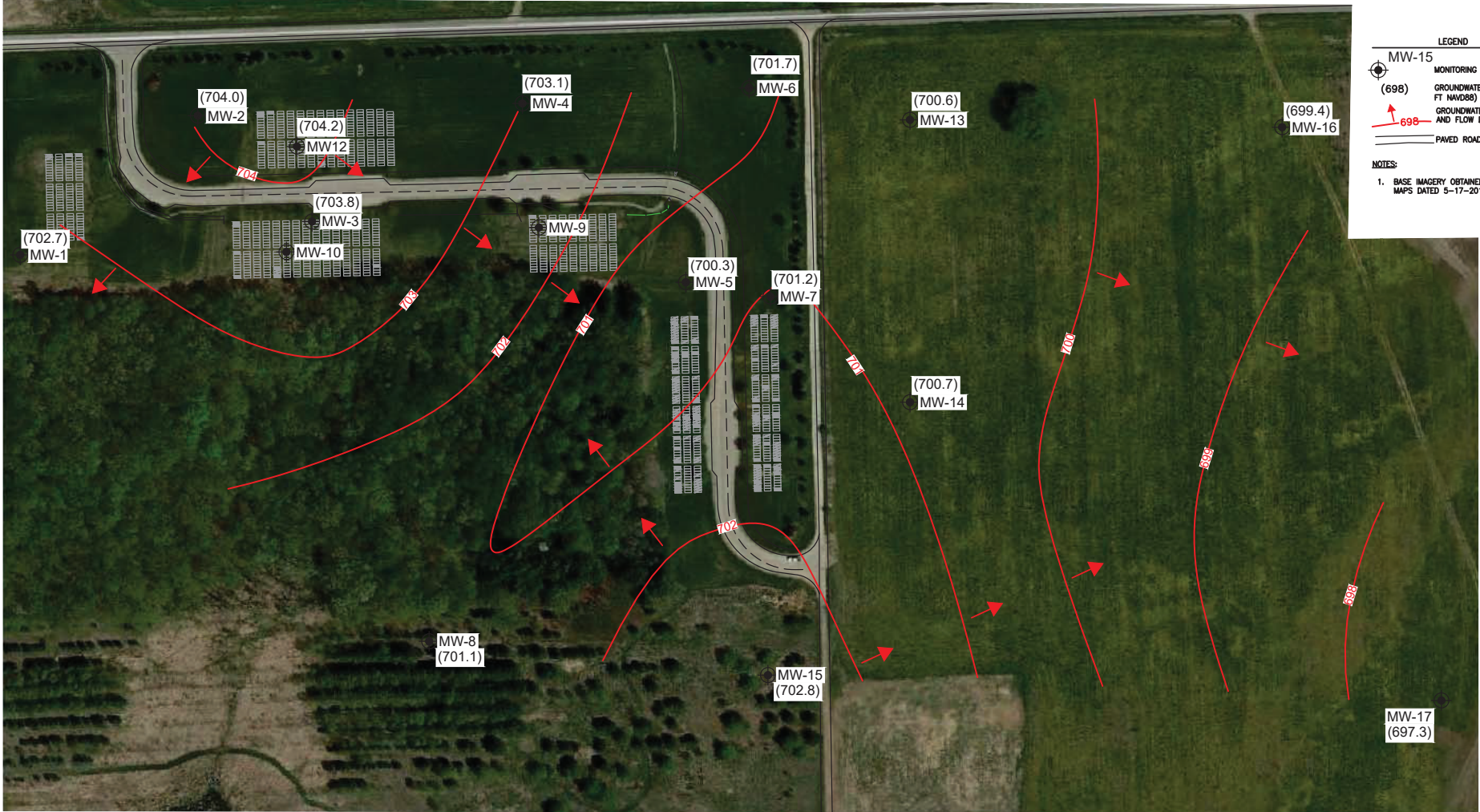


ONEIDA CEMETERY EXPANSION  
ONEIDA CEMETERY  
ONEIDA, WI  
ONEIDA NATION ENGINEERING DEPARTMENT  
ONEIDA, WI

**GEI** Consultants  
Project 2101097

GROUND WATER CONTOURS  
(8/31/20)

JUNE 2021 Fig. 11

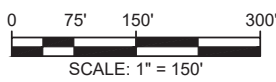


**LEGEND**

- MW-15 MONITORING WELL
- (698) GROUNDWATER ELEVATION FT NAVD83
- ↑-698- GROUNDWATER CONTOUR AND FLOW DIRECTION
- PAVED ROAD

**NOTES:**

1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018



ONEIDA CEMETERY EXPANSION  
 ONEIDA CEMETERY  
 ONEIDA, WI

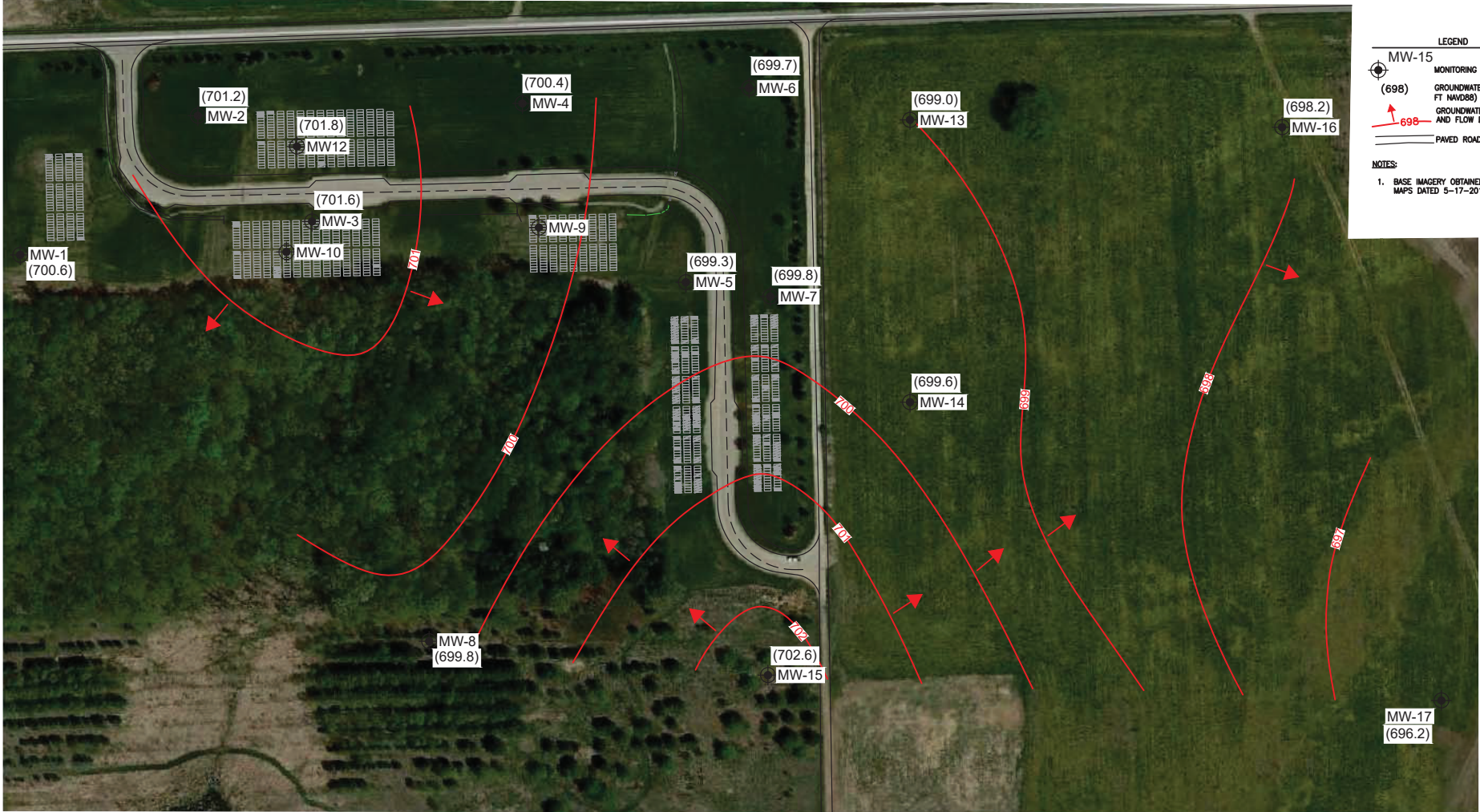
ONEIDA NATION ENGINEERING DEPARTMENT  
 ONEIDA, WI

Project 2101097

GROUND WATER CONTOURS  
 (11/30/20)

JUNE 2021

Fig.12

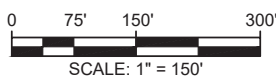


**LEGEND**

- MW-15 MONITORING WELL
- (698) GROUNDWATER ELEVATION FT NAVD83
- GROUNDWATER CONTOUR AND FLOW DIRECTION
- PAVED ROAD

**NOTES:**

1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018

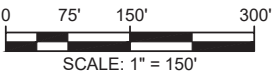
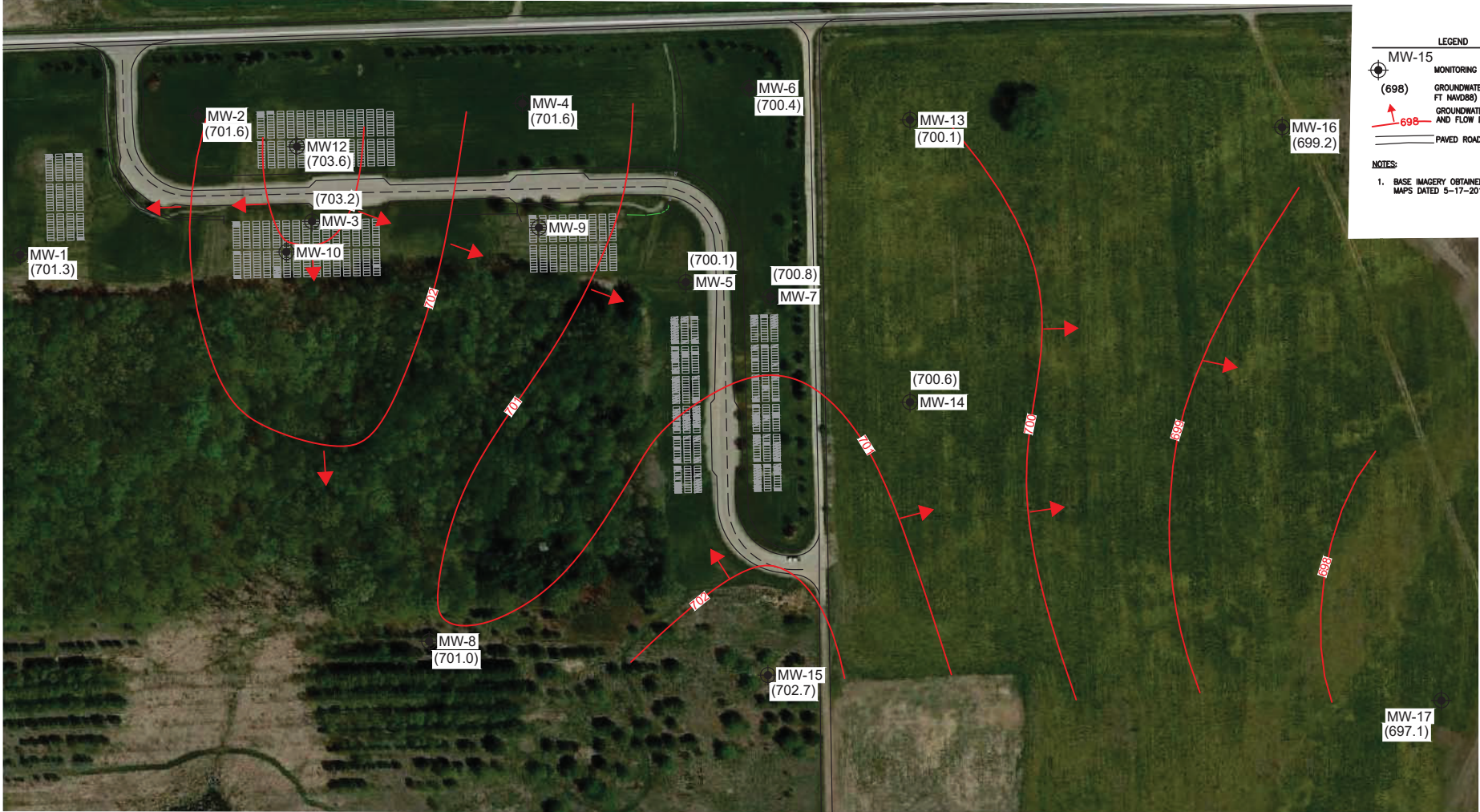


ONEIDA CEMETERY EXPANSION  
 ONEIDA CEMETERY  
 ONEIDA, WI  
 ONEIDA NATION ENGINEERING DEPARTMENT  
 ONEIDA, WI

**GEI** Consultants  
 Project 2101097

GROUND WATER CONTOURS  
 (2-24-21)  
 JUNE 2021  
 Fig. 13

BURGER, DAVE J:\2021\Oneida Nation\Fig 13-GWC 2-24-21.dwg - 6/11/2021



ONEIDA CEMETERY EXPANSION  
ONEIDA CEMETERY  
ONEIDA, WI  
ONEIDA NATION ENGINEERING DEPARTMENT  
ONEIDA, WI



GROUND WATER CONTOURS  
(5-14-21)  
JUNE 2021  
Fig. 14



- LEGEND**
- APPROXIMATE PARCEL BOUNDARY
  - EXISTING PAVED ROAD
  - EXISTING BURIAL PLOTS
  - ▨ APPROXIMATE LIMIT OF BURIAL PLOT SECTIONS

- NOTES:**
1. BASE IMAGERY OBTAINED FROM GOOGLE MAPS DATED 5-17-2018



CONCEPTUAL CEMETERY EXPANSION PLAN  
 ONEIDA SACRED BURIAL GROUNDS  
 ONEIDA, WI  
 ONEIDA NATION ENGINEERING DEPARTMENT  
 ONEIDA, WI



LIMITS OF EXPANSION  
 Project 2101097 JUNE 2021 Fig. 15

Hydrogeologic Conditions Review  
Oneida Cemetery  
Oneida, Wisconsin  
June 29, 2021

## Appendix A

---

**Boring Logs**

**Well Installation Diagrams**



**SOIL BORING LOG: B - 1**

**midwest engineering services, inc.**

**Project:** Oneida Monitoring Wells

**Project No.:** 14-41002

**Location:** Oneida, Wisconsin

**Drill Date:** February 20, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
	GROUND SURFACE ELEVATION: 707.3						
	0-4": Black Clayey SILT, with root matter and sand, moist (TOPSOIL)						
1	706.3	1-SS	4				Frost = 12 inches
2	705.3						
3	704.3	2-SS	13				v
4	703.3						
5	702.3						
6	701.3	3-SS	14				
7	700.3						
8	699.3	4-SS	36				v
9	698.3						
10	697.3						
11	696.3	5-SS*	78				
12	695.3	6-SS	48				
13	694.3						
END OF BORING @ 13± FEET							
14	693.3						
15	692.3						

**FIELD OBSERVATIONS:**

Water Level during drilling: 5± feet below ground surface (EL. 702.3±)      ↓  
 Water Level upon completion: N/A      ↓  
 Caved at upon completion: N/A      ↓

**ADDITIONAL COMMENTS:**

\*Poor sample recovery

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.

**SOIL BORING LOG: B - 2**

**midwest engineering services, inc.**

**Project:** Oneida Monitoring Wells

**Project No.:** 14-41002

**Location:** Oneida, Wisconsin

**Drill Date:** February 20, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
	GROUND SURFACE ELEVATION: 706.9						
1	0-12": Black Clayey SILT, with root matter and sand, moist (TOPSOIL)						Frost = 12 inches
705.9	Reddish brown Sandy CLAY, with silt, moist	1-SS	7				
2							v
704.9							
3	Brown Sandy SILT, with trace clay, wet	2-SS	2				
703.9							
4							
702.9							
5	Reddish brown Clayey SILT, moist	3-SS	11				
701.9							
6							
700.9							
7							
699.9							
8	Reddish brown SILT, with trace clay and sand, moist	4-SS	48				
698.9							
9							
697.9							
10	Grayish brown SILT, with trace gravel, moist	5-SS	53				
696.9							
11							
695.9							
12							
694.9		6-SS*	56				
13							
693.9	END OF BORING @ 13± FEET						
14							
692.9							
15							
691.9							

<p><b>FIELD OBSERVATIONS:</b>                  Water Level during drilling: 2.5± feet below ground surface (EL. 704.4±)                  Water Level upon completion: N/A                  Caved at upon completion: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b>                  *Poor sample recovery</p>
--	---

**Note:** Lines of stratification represent an **approximate** boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.



midwest engineering services, inc.

SOIL BORING LOG: B - 3

Project: Oneida Monitoring Wells

Project No.: 14-41002

Location: Oneida, Wisconsin

Drill Date: February 20, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 708.8	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS	
1	Brown Silty SAND, with trace clay and root matter, moist	1-SS	8				Frost = 6 inches	
2	707.8							Reddish brown Silty CLAY, with trace root matter, moist
3	706.8	2-SS	9				v	
4	705.8							Brown Clayey SAND, with silt, moist
5	704.8	3-SS	18					
6	703.8							Brown Silty SAND, wet
7	702.8	4-SS	73					
8	701.8							Reddish brown SILT, with trace clay and sand, moist
9	700.8	5-SS	61					
10	699.8							
11	698.8	6-SS	60					
12	697.8							Dark Grayish brown SILT, moist
13	696.8	END OF BORING @ 13± FEET						
14	695.8							
15	694.8							
	693.8							

<b>FIELD OBSERVATIONS:</b> Water Level during drilling: 4± feet below ground surface (EL 704.8±) v Water Level upon completion: N/A v Caved at upon completion: N/A v	<b>ADDITIONAL COMMENTS:</b>
--	-----------------------------

Note: Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.

**SOIL BORING LOG: B - 4**

**midwest engineering services, inc.**

**Project:** Oneida Monitoring Wells

**Project No.:** 14-41002

**Location:** Oneida, Wisconsin

**Drill Date:** February 20, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS	
	GROUND SURFACE ELEVATION: 705.1							
1	0-6": Black Clayey SILT, with root matter and sand, moist (TOPSOIL)	1-SS	6				Frost = 6 inches <u>V</u>	
704.1	Reddish brown Silty CLAY, with trace root matter, moist							
2	703.1							Reddish brown to brown Clayey SILT, wet
3	702.1	2-SS	6					
4	701.1							Brown Silty CLAY, with trace sand and gravel, moist to wet
5	700.1	3-SS	9					
6	699.1							Brown SILT, with clay and trace sand, wet
7	698.1							
8	697.1	4-SS	23					
9	696.1							Reddish brown SILT, with trace clay and sand, moist
10	695.1	5-SS	18					
11	694.1							Brown Silty SAND, wet
12	693.1	6-SS	26					
13	692.1							Brown SILT, with sand, moist
14	691.1	END OF BORING @ 13± FEET						
15	690.1							

**FIELD OBSERVATIONS:**

Water Level during drilling: 1± feet below ground surface (EL. 704.1±) v  
 Water Level upon completion: N/A v  
 Caved at upon completion: N/A v

**ADDITIONAL COMMENTS:**

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.



**midwest engineering services, inc.**

**SOIL BORING LOG: B - 5**

**Project:** Oneida Monitoring Wells

**Project No.:** 14-41002

**Location:** Oneida, Wisconsin

**Drill Date:** February 20, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 706.6	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS	
	0-4": Black Sandy SILT, with root matter, moist (TOPSOIL)							
1 705.6	Brown Silty SAND, moist	1-SS	9				Frost = 18 inches	
2 704.6	Reddish brown Silty CLAY, moist							
3 703.6		2-SS	6					
4 702.6								
5 701.6	Brown SILT, with clay, wet						v	
6 700.6		3-SS	12					
7 699.6								
8 698.6	Brown Silty SAND, wet							
9 697.6		4-SS	11					
10 696.6								
11 695.6		5-SS	18					
12 694.6	Dark brown Clayey SILT, with sand, wet							
13 693.6		6-SS	8					
	END OF BORING @ 13± FEET							
14 692.6								
15 691.6								
<b>FIELD OBSERVATIONS:</b>				<b>ADDITIONAL COMMENTS:</b>				
Water Level during drilling: 5± feet below ground surface (EL. 701.6±)				v				
Water Level upon completion: N/A				v				
Caved at upon completion: N/A				↓				

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.

**SOIL BORING LOG: B - 6**

**midwest engineering services, inc.**

**Project:** Oneida Monitoring Wells

**Project No.:** 14-41002

**Location:** Oneida, Wisconsin

**Drill Date:** March 3, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 703.6	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1 702.6	0-15": Black Silty SAND, with root matter, wet (TOPSOIL)	1-SS	16				Frost = 12 inches
2 701.6	Brown Silty SAND, with trace root matter, moist						
3 700.6	Brown Silty SAND, wet	2-SS	6				V
4 699.6							
5 698.6							
6 697.6		3-SS	8				
7 696.6							
8 695.6		4-SS	11				
9 694.6							
10 693.5	Gray SILT, with trace sand, wet	5-SS	4				
11 692.6							
12 691.6	Brown Silty SAND, wet	6-SS	12				
13 690.6	<b>END OF BORING @ 13± FEET</b>						
14 689.6							
15 688.6							

**FIELD OBSERVATIONS:**  
 Water Level during drilling: 2.5± feet below ground surface (EL. 701.1±) v  
 Water Level upon completion: N/A v  
 Caved at upon completion: N/A v

**ADDITIONAL COMMENTS:**

**Note:** Lines of stratification represent an **approximate** boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.



SOIL BORING LOG: B - 7

midwest engineering services, inc.

Project: Oneida Monitoring Wells

Project No.: 14-41002

Location: Oneida, Wisconsin

Drill Date: March 3, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 705.7	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1 704.7	0-12": Dark brown to black SILT, with root matter and trace sand, moist (TOPSOIL)	1-SS	45				Frost = 2 feet
2 703.7	Reddish brown Silty SAND, with trace clay and root matter, moist						
3 702.7	Brown Sandy SILT, moist	2-SS	9				
4 701.7							
5 700.7	Brown SILT, with trace clay and sand, moist to wet	3-SS	9				
6 699.7							
7 698.7	Brown Silty SAND, wet	4-SS	13				
8 697.7							
9 696.7							
10 695.7		5-SS	16				
11 694.7							
12 693.7		6-SS	6				
13 692.7	END OF BORING @ 13± FEET						
14 691.7							
15 690.7							

<b>FIELD OBSERVATIONS:</b> Water Level during drilling: 3± feet below ground surface (EL. 699.7±) Water Level upon completion: N/A Caved at upon completion: N/A	<b>ADDITIONAL COMMENTS:</b> v v ↓
---	--

Note: Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.



SOIL BORING LOG: B - 8

midwest engineering services, Inc.


Project: Oneida Monitoring Wells

Project No.: 14-41002

Location: Oneida, Wisconsin

Drill Date: March 3, 2014

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 705.3	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1 704.3	0-10": Dark brown to black SILT, with sand and root matter, moist (TOPSOIL)	1-SS	5				Frost = 12 inches
2 703.3	Reddish brown Silty SAND, with trace clay and root matter, moist						
3 702.3	Brown Silty SAND, moist to wet	2-SS	8				
4 701.3							
5 700.3	(Wet @ 5± feet)						v
6 699.3		3-SS	8				
7 698.3							
8 697.3		4-SS	7				
9 696.3							
10 695.3							
11 694.3		5-SS	6				
12 693.3	Gray Sandy SILT, wet	6-SS	8				
13 692.3	END OF BORING @ 13± FEET						
14 691.3							
15 690.3							

<b>FIELD OBSERVATIONS:</b> Water Level during drilling: 5± feet below ground surface (EL 700.3±) Water Level upon completion: N/A Caved at upon completion: N/A	<b>ADDITIONAL COMMENTS:</b> 
--	--

Note: Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.





SOIL BORING LOG: MW - 9

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin

**Drill Date:** February 9, 2016

**Drilled by:** KD

**Logged by:** FG

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION:	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1	0-5": Dark brown clayey SILT, with sand and trace root matter, wet (TOPSOIL)	1-SS	6	-	-	60	Frost Depth = 5± Inches
	5-13": Brown SAND, with trace silty CLAY, moist (POSSIBLE FILL)						
2	Brown silty sandy CLAY, with trace gravel and dark brown buried topsoil, moist (POSSIBLE FILL)	2-SS	4	-	-	11	
3							
4	Reddish brown silty CLAY, with sand and trace light brown to yellowish brown blotches, very moist	3-SS	8	1.0	-	23	
5							
6	Reddish brown silty CLAY, with trace sand, moist	4-SS	13	3.5	-	25	
7							
8		5-SS	15	4.3	-	18	
9							
10		6-SS	10	3.8	-	26	
11							
12	Reddish brown silty CLAY, with trace sand, very moist	7-SS	12	1.0	-	38	
13							
14	END OF BORING @ 14± FEET						

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: Not Encountered <span style="float: right;">∇</span></p> <p>Water Level upon completion: Dry <span style="float: right;">∇</span></p> <p>Caved at upon completion: N/A <span style="float: right;">↓</span></p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A <span style="float: right;">✱</span></p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
--	------------------------------------

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.



SOIL BORING LOG: MW - 10

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin

**Drill Date:** February 9, 2016

**Drilled by:** KD

**Logged by:** FG

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION:	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1	0-7": Dark brown clayey SILT, with sand and trace root matter, wet (TOPSOIL)	1-SS	10	-	-	46	Frost Depth = 4± Inches
-1.0	7-18": Brown SAND, with trace gravel, moist (FILL)						
2	Dark brown silty CLAY, with trace sand and root matter, moist (BURIED TOPSOIL)	2-SS	9	-	-	8	
-2.0	Reddish brown silty CLAY, with trace sand, moist						
3		3-SS	9	1.0	-	27	
-3.0							
4		4-SS	16	-	-	20	
-4.0							
5		5-SS	23	-	-	15	
-5.0							
6	Brown silty SAND, with trace clay, wet	6-SS	70	-	-	10	
-6.0							
7		7-SS	67	-	-	11	
-7.0							
8							
9							
10							
11	Dark reddish brown silty CLAY to clayey SILT, with trace sand and gravel, moist						
12							
13							
14							
	END OF BORING @ 14± FEET						

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: 6± feet below existing grade (EL. ±) <span style="float: right;">▼</span></p> <p>Water Level upon completion: Dry <span style="float: right;">▼</span></p> <p>Caved at upon completion: N/A <span style="float: right;">↓</span></p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A <span style="float: right;">✖</span></p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
---	------------------------------------

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.



SOIL BORING LOG: MW-11

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin

**Drill Date:** February 8, 2016

**Drilled by:** KD

**Logged by:** FG

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION:	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1	0-6": Dark brown clayey SILT, with trace sand and root matter, wet (TOPSOIL)	1-SS	8	-	-	36	Frost Depth = 3± Inches
	6-14": Brown SAND, moist (FILL)						
2	Reddish brown to dark brown silty CLAY, with trace gravel, sand and root matter, moist (BURIED TOPSOIL)						
	Reddish brown silty CLAY, with trace sand, moist	2-SS	10	2.3	-	18	
3							
4		3-SS	10	1.3	-	22	
5							
6		4-SS	12	-	-	17	
7							
8	Reddish brown silty sandy CLAY, moist	5-SS	19	-	-	15	
9							
10	Dark reddish brown silty CLAY to clayey SILT, with trace sand and gravel, moist	6-SS	61/11"	-	-	14	
11							
12		7-SS	50/5"	-	-	13	
13							
14	END OF BORING @ 14± FEET						

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: Not Encountered</p> <p>Water Level upon completion: Dry</p> <p>Caved at upon completion: N/A</p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A</p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
--	------------------------------------

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.



SOIL BORING LOG: MW - 12

Project: Proposed Commodity Drilling - Oneida Tribal Cemetery

Project No.: 0093310

Location: West Adam Drive  
Oneida, Wisconsin

Drill Date: February 9, 2016

Drilled by: KD

Logged by: FG

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION:	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1 -1.0	0-6": Dark brown clayey SILT, with trace sand and root matter, wet (TOPSOIL)	1-SS	8	-	-	39	Frost Depth = 2± Inches
	6-14": Brown SAND, moist (FILL)						
2 -2.0	Reddish brown to dark brown silty CLAY, with trace gravel, sand, and root matter, moist (BURIED TOPSOIL)	2-SS	10	2.3	-	21	
	Reddish brown silty CLAY, with trace sand, moist						
3 -3.0		3-SS	10	1.3	-	20	
4 -4.0		4-SS	12	-	-	14	
5 -5.0		5-SS	19	-	-	13	
6 -6.0		6-SS	61/11"	-	-	9	
7 -7.0		7-SS	50/5"	-	-	12	
8 -8.0	Reddish brown silty sandy CLAY, moist						
9 -9.0							
10 -10.0	Dark reddish brown silty CLAY to clayey SILT, with trace sand and gravel, moist						
11 -11.0							
12 -12.0							
13 -13.0							
14 -14.0	END OF BORING @ 14± FEET						

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: Not Encountered</p> <p>Water Level upon completion: Dry</p> <p>Caved at upon completion: N/A</p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A</p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
--	------------------------------------

Note: Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.



SOIL BORING LOG: MW - 13

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin

**Drill Date:** July 26, 2016

**Drilled by:** KD  
**Logged by:** MM

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 706.4	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1	0-12": Dark brown sandy SILT, with trace root matter, moist (TOPSOIL) 705.4	1-SS	7			20	
	Brown sandy SILT, moist					10	
2	704.4	2-SS	10			22	
3	703.4						
4	702.4	3-SS	8			25	
5	701.4						
6	700.4	4-SS	10			24	v
7	699.4						
8	698.4	5-SS	6			23	
9	697.4						
10	696.4	6-SS	6			23	
11	695.4						
12	694.4	7-SS	7			26	
13	693.4						
14	692.4	END OF BORING @ 14± FEET					

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: 6.5± feet below ground surface (EL. 699.5±)      ▼</p> <p>Water Level upon completion: Dry      ▼</p> <p>Caved at upon completion: N/A      ↓</p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A      *</p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
--	------------------------------------

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.



**SOIL BORING LOG: MW - 14**

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin

**Drill Date:** July 26, 2016

**Drilled by:** KD

**Logged by:** MM

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 707.3	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
1 706.3	0-18": Dark brown sandy SILT, with trace root matter, moist (TOPSOIL)	1-SS	7	-	-	12	
2 705.3	Brown sandy SILT, moist					21	
3 704.3	Brown silty SAND, moist to wet	2-SS	6	-	-	26	
4 703.3		3-SS	12	-	-	21	
5 702.3	4-SS					12	
6 701.3		5-SS	13	-	-		
7 700.3	6-SS					23	
8 699.3		7-SS	12	-	-		
9 698.3	END OF BORING @ 14± FEET						
10 697.3							
11 696.3							
12 695.3							
13 694.3							
14 693.3							

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: 6.5± feet below ground surface (EL. 700.8±) <span style="float:right">▼</span></p> <p>Water Level upon completion: Dry <span style="float:right">▼</span></p> <p>Caved at upon completion: N/A <span style="float:right">↓</span></p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A <span style="float:right">✖</span></p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
--	------------------------------------

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.



SOIL BORING LOG: MW - 15

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin

**Drill Date:** July 26, 2016

**Drilled by:** KD  
**Logged by:** MM

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 716.0	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
	0-8": Brown silty SAND, with trace root matter, moist (TOPSOIL)					35	
1 715.0	Brown silty SAND, moist to wet	1-SS	5	-	-	5	
2 714.0							
3 713.0		2-SS	10	-	-	3	
4 712.0							
5 711.0		3-SS	6	-	-	12	
6 710.0							
7 709.0		4-SS	8	-	-	7	
8 708.0							
9 707.0		5-SS	7	-	-	7	
10 706.0							
11 705.0		6-SS	8	-	-	6	
12 704.0							
13 703.0		7-SS	4	-	-	27	v
14 702.0	END OF BORING @ 14± FEET						

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: 13.0± feet below ground surface (EL. 703.0±) <span style="float: right;">v</span></p> <p>Water Level upon completion: Dry <span style="float: right;">v</span></p> <p>Caved at upon completion: N/A <span style="float: right;">↓</span></p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A <span style="float: right;">*</span></p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
---	------------------------------------

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.



SOIL BORING LOG: MW - 16

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin





**Drill Date:** July 26, 2016

**Drilled by:** KD

**Logged by:** MM

DEPTH/EL. (feet)		VISUAL SOIL CLASSIFICATION	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS			
						GROUND SURFACE ELEVATION: 702.5					
1	701.5	Dark brown sandy SILT, with trace root matter, moist (TOPSOIL)	1-SS	6			22				
2	700.5						19				
3	699.5	Brown sandy SILT, moist to wet	2-SS	10			21				
4	698.5										
5	697.5						3-SS		9		21
6	696.5										
7	695.5	Brown silty SAND, wet	4-SS	7			28	v			
8	694.5										
9	693.5						5-SS		6		23
10	692.5		6-SS	12			28				
11	691.5										
12	690.5										
13	689.5						7-SS		11		22
14	688.5	END OF BORING @ 14± FEET									

**FIELD OBSERVATIONS:**

Water Level during drilling: 6.5± feet below ground surface (EL. 696.0±)   
 Water Level upon completion: Dry   
 Caved at upon completion: N/A   
 Delay Time: N/A  
 Water Level delayed: N/A   
 Caved at delayed: N/A

**ADDITIONAL COMMENTS:**

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.





SOIL BORING LOG: MW - 17

**Project:** Proposed Commodity Drilling - Oneida Tribal Cemetery

**Project No.:** 0093310

**Location:** West Adam Drive  
Oneida, Wisconsin

**Drill Date:** July 26, 2016

**Drilled by:** KD

**Logged by:** MM

DEPTH/EL. (feet)	VISUAL SOIL CLASSIFICATION	SAMPLE NO.	N (bpf)	Qp (tsf)	Qu (tsf)	MC (%)	REMARKS
	GROUND SURFACE ELEVATION: 704.0						
	0-3": Dark brown silty SAND, with trace root matter, moist						
	Brown silty SAND, moist to wet						
1 703.0		1-SS	8			19	
2 702.0						12	
3 701.0		2-SS	6			24	
4 700.0							
5 699.0		3-SS	6			24	
6 698.0							
7 697.0		4-SS	9			25	v
8 696.0							
9 695.0		5-SS	6			24	
10 694.0							
11 693.0		6-SS	2			25	
12 692.0							
13 691.0		7-SS	17			22	
14 690.0	END OF BORING @ 14± FEET						

<p><b>FIELD OBSERVATIONS:</b></p> <p>Water Level during drilling: 6.5± feet below ground surface (EL. 697.5±) <span style="float: right;">v</span></p> <p>Water Level upon completion: Dry <span style="float: right;">v</span></p> <p>Caved at upon completion: N/A <span style="float: right;">↓</span></p> <p>Delay Time: N/A</p> <p>Water Level delayed: N/A <span style="float: right;">*</span></p> <p>Caved at delayed: N/A</p>	<p><b>ADDITIONAL COMMENTS:</b></p>
--	------------------------------------

**Note:** Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual. Dashed lines are indicative of potentially erratic or unknown transitions, such as fill-to-natural soil zone transitions.

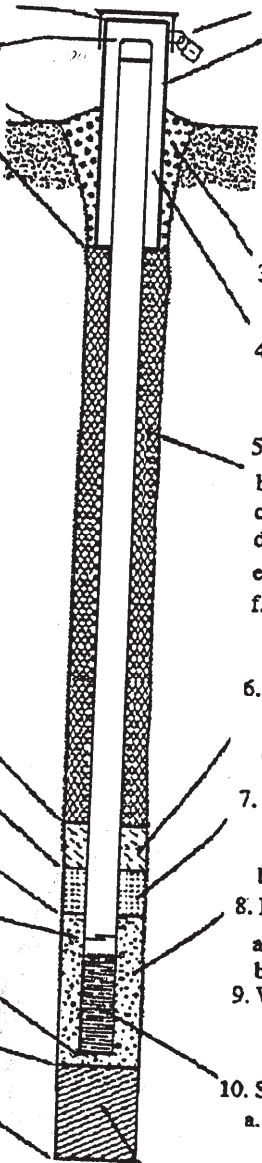
Route to: Watershed/Wastewater  Remediation/Redevelopment  Waste Management  Other

MONITORING WELL CONSTRUCTION  
 Form 4400-113A Rev. 7-98

Facility/Project Name: Ojibwa Nation  
 Facility License, Permit or Monitoring No.: NA  
 Facility ID: NA  
 Type of Well: monitoring  
 Well Code: 1  
 Distance from Waste/Source: NA ft. Enf. Stds. Apply   
 Local Origin Location of Well: 551798.50 N. 55436.91 E. W.  
 Lat. BRUNES St. Plane "Long." " or " ft. N. ft. E. S/C/N  
 Section Location of Waste/Source: NE 1/4 of NW 1/4 of Sec. 15, T. 23 N, R. 19  
 Location of Well Relative to Waste/Source:  Upgradient  Sidegradient  Downgradient  Not Known  
 Gov. Lot Number: 10  
 Well Name: MW-1  
 Wis. Unique Well No.: PE368 DNR Well ID No.: MW-4  
 Date Well Installed: 04/23/2007  
 Well Installed By: Name (first, last) and Firm: Steve Gonyer  
Midwest Engineering Service

- A. Protective pipe, top elevation 706.89 ft.
- B. Well casing, top elevation 706.51 ft.
- C. Land surface elevation 706.69 ft.
- D. Surface seal, bottom 706.2 ft. MSL or 0.5 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock   
 13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other   
 15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_  
 17. Source of water (attach analysis, if required):  
NA



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 1.0 in.
  - b. Length: 4.0 ft.
  - c. Material: Aluminum Steel  04 Other
  - d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- 3. Surface seal:
  - Bentonite  30
  - Concrete  01
  - Other
- 4. Material between well casing and protective pipe:
  - Bentonite  30
  - Other
- 5. Annular space seal:
  - a. Granular/Chipped Bentonite  33
  - b. 15 Lbs/gal mud weight... Bentonite-sand slurry  35
  - c. \_\_\_\_\_ Lbs/gal mud weight... Bentonite slurry  31
  - d. \_\_\_\_\_ % Bentonite... Bentonite-cement grout  50
  - e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above
  - f. How installed: Tremie  01 Tremie pumped  02 Gravity  08
- 6. Bentonite seal:
  - a. Bentonite granules  33
  - b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32
  - c. \_\_\_\_\_ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
  - a. NA
  - b. Volume added \_\_\_\_\_ ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size
  - a. Red Flint course #40
  - b. Volume added 250 lbs ft<sup>3</sup>
- 9. Well casing:
  - Flush threaded PVC schedule 40  23
  - Flush threaded PVC schedule 80  24
  - Other
- 10. Screen material: PVC
  - a. Screen type:
    - Factory cut  11
    - Continuous slot  01
    - Other
  - b. Manufacturer: Timco
  - c. Slot size: 0.04 in.
  - d. Slotted length: 10.0 ft.
- 11. Backfill material (below filter pack):
  - None  14
  - Other

- E. Bentonite seal, top 0.5 ft MSL or 706.2 ft.
- F. Fine sand, top NA ft MSL or \_\_\_\_\_ ft.
- G. Filter pack, top 1.5 ft MSL or 706.2 ft.
- H. Screen joint, top 2.0 ft MSL or 704.2 ft.
- I. Well bottom 11.5 ft MSL or 695.2 ft.
- J. Filter pack, bottom 11.5 ft MSL or 695.2 ft.
- K. Borehole, bottom 11.5 ft MSL or 695.2 ft.
- L. Borehole, diameter 0.75 in.
- M. O.D. well casing 2.0 in. H2O = 1.02
- N. I.D. well casing 1.7 in. silt in bottom of well

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: Dave J. Han Firm: Gracht, Anhalt, Schloemer & Associates, Inc

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name <u>Ozeka Nation</u>		Local Grid Location of Well <u>551852.04 ft</u> <input type="checkbox"/> N. <u>55866.30 ft</u> <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name <u>MW-2</u>	
Facility License, Permit or Monitoring No. <u>NA</u>		Local Grid Origin (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No. <u>PE269</u> DNR Well ID No. <u>MW-2</u>	
Facility ID <u>NA</u>		Lat. <u>BROWN CO.</u> "Long. _____" or St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>29/23/2007</u> m m d d y y y y	
Type of Well <u>Monitoring</u> Well Code _____		Section Location of Waste/Source <u>NE 1/4 of NW 1/4 of Sec. 15, T. 23 N, R. 19</u> <input type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Steve Gonyea</u> <u>Midwest Engineering Services</u>	
Distance from Waste/Source <u>NA</u> ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number <u>NA</u>	

- A. Protective pipe, top elevation - 708.12 ft MSL
- B. Well casing, top elevation - 707.73 ft
- C. Land surface elevation - 708.14 ft MSL
- D. Surface seal, bottom - 706.6 ft MSL or - 1.5 ft

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

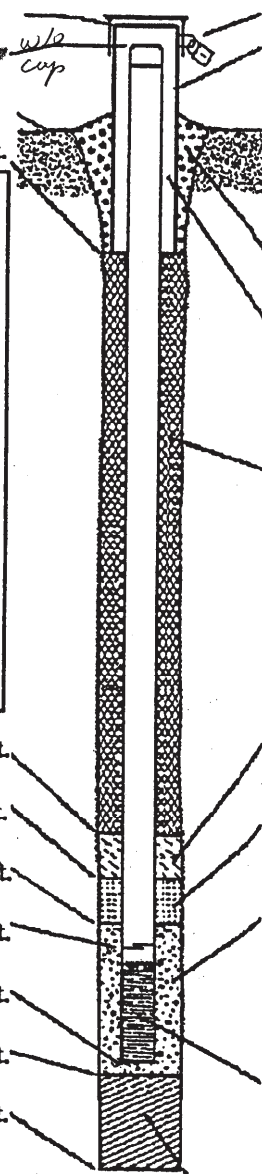
14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
NA



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 10. in.
  - b. Length: 11.0 ft.
  - c. Material: Aluminum Steel  04  
Other
  - d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- 3. Surface seal: Bentonite  30  
Concrete  01  
Other
- 4. Material between well casing and protective pipe: Bentonite  30  
Other
- 5. Annular space seal:
  - a. Granular/Chipped Bentonite  33
  - b. 15 Lbs/gal mud weight... Bentonite-sand slurry  35
  - c. \_\_\_\_\_ Lbs/gal mud weight... Bentonite slurry  31
  - d. \_\_\_\_\_ % Bentonite... Bentonite-cement grout  50
  - e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above
  - f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  08
- 6. Bentonite seal:
  - a. Bentonite granules  33
  - b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32
  - c. \_\_\_\_\_ Other
- 7. Fine sand material: Manufacturer, product name & mesh size  
 a. NA  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size  
 a. Red Flint #40  
 b. Volume added 2.50/13 ft<sup>3</sup>
- 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other
- 10. Screen material: Red Flint #40
  - a. Screen type: Factory cut  11  
Continuous slot  01  
Other
  - b. Manufacturer Timco
  - c. Slot size: 0.012 in.
  - d. Slotted length: 12.0 ft.
- 11. Backfill material (below filter pack): None  14  
Other

- E. Bentonite seal, top - 0.5 ft MSL or 707.6 ft
- F. Fine sand, top - NA ft MSL or \_\_\_\_\_ ft
- G. Filter pack, top - 1.5 ft MSL or 706.6 ft
- H. Screen joint, top - 2.0 ft MSL or 706.4 ft
- I. Well bottom - 12.3 ft MSL or 695.8 ft
- J. Filter pack, bottom - 12.3 ft MSL or 695.8 ft
- K. Borehole, bottom - 12.3 ft MSL or 695.8 ft
- L. Borehole, diameter - 6.25 in. 1.23 + 1/20
- M. O.D. well casing - 2.0 in.
- N. I.D. well casing - 1.20 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Dave J. Huns Firm Grace, Anhalt, Schloemer + Associates, Inc

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name: Oneida Nation  
 Facility License, Permit or Monitoring No.: NA  
 Facility ID: ND  
 Type of Well: Monitoring  
 Well Code: 1  
 Distance from Waste/Source: NA ft.  Apply

Location of Well: 551701.81 N. 56262.07 ft. E. W.  
 (estimated:  ) or Well Location   
 Lat. BROWN CO. " Long. \_\_\_\_\_ " or  
 St. Plane \_\_\_\_\_ ft. N. \_\_\_\_\_ ft. E. S/C/N  
 Section Location of Waste/Source: NE 1/4 of NW 1/4 of Sec. 15, T. 23 N, R. 19 E W  
 Location of Well Relative to Waste/Source:  Upgradient  Sidegradient  Downgradient  Not Known  
 Gov. Lot Number: NA

Well Name: MW-3  
 Wis. Unique Well No.: PE 370  
 DNR Well ID No.: MW-3  
 Date Well Installed: 04/23/2007  
 Well Installed By: Name (first, last) and Firm: Steve Gonyea Midwest Engineering Serv.

A. Protective pipe, top elevation: 704.74 ft. MSL  Yes  No  
 B. Well casing, top elevation: 704.20 ft. MSL  Yes  No  
 C. Land surface elevation: 704.75 ft. MSL  
 D. Surface seal, bottom: 703.3 ft. MSL or 1.5 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other   
 15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe: \_\_\_\_\_  
 17. Source of water (attach analysis, if required): NA

E. Bentonite seal, top: 0.5 ft. MSL or 704.3 ft.  
 F. Fine sand, top: NA ft. MSL or \_\_\_\_\_ ft.  
 G. Filter pack, top: 1.5 ft. MSL or 703.3 ft.  
 H. Screen joint, top: 2.0 ft. MSL or 702.8 ft.  
 I. Well bottom: 41.94 ft. MSL or 692.9 ft.  
 J. Filter pack, bottom: 41.94 ft. MSL or 692.9 ft.  
 K. Borehole, bottom: 41.94 ft. MSL or 692.9 ft.  
 L. Borehole, diameter: 6.25 in. 0.0 140 level  
 M. O.D. well casing: 3.0 in.  
 N. I.D. well casing: 1.70 in.

1. Cap and lock?  Yes  No  
 2. Protective cover pipe:  
 a. Inside diameter: 10.0 in.  
 b. Length: 1.0 ft.  
 c. Material: Aluminum Steel  04  
 Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_  
 3. Surface seal: Bentonite  30  
 Concrete  01  
 Other   
 4. Material between well casing and protective pipe:  
 Bentonite  30  
 Other   
 5. Annular space seal: a. Granular/Chipped Bentonite  33  
 b. 15 lbs/gal mud weight ... Bentonite-sand slurry  35  
 c. \_\_\_\_\_ lbs/gal mud weight ... Bentonite slurry  31  
 d. \_\_\_\_\_ % Bentonite ... Bentonite-cement grout  50  
 e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08  
 6. Bentonite seal: a. Bentonite granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
 c. \_\_\_\_\_ Other   
 7. Fine sand material: Manufacturer, product name & mesh size  
 a. NA  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>  
 8. Filter pack material: Manufacturer, product name & mesh size  
 a. Red Flint #40  
 b. Volume added 250 lbs ft<sup>3</sup>  
 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other   
 10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer: Tyco  
 c. Slot size: 0.010 in.  
 d. Slotted length: 10.2 ft.  
 11. Backfill material (below filter pack): None  14  
 Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: David J. Han Firm: Graef Anhalt Schloemer & Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Remediation/Redevelopment  Waste Management  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name: Oneida Nation  
 Facility License, Permit or Monitoring No.: NA  
 Facility ID: NA  
 Type of Well: monitoring  
 Well Code: 1  
 Distance from Waste/Source: NA ft. Inf. Stds. Apply   
 Local Grid Origin (estimated):  or Well Location   
 Lat. BROWN CO. " Long. 552041.07 N. 56368.34 W.  
 St. Plane ft. N. ft. E. S/C/N  
 Section Location of Waste/Source: NE 1/4 of NW 1/4 of Sec. 15, T. 23 N, R. 19 E W  
 Location of Well Relative to Waste/Source: u  Upgradient s  Sidegradient d  Downgradient n  Not Known  
 Gov. Lot Number: NA  
 Well Name: MW-4  
 Wis. Unique Well No.: PE321  
 DNR Well ID No.: MW-4  
 Date Well Installed: 04/23/2007  
 Well Installed By: Name (first, last) and Firm: Steve Gungler Midwest Engineering Service

A. Protective pipe, top elevation - 703.05 ft.  
 B. Well casing, top elevation - 702.67 ft. MSL *w/o cap*  
 C. Land surface elevation - 702.88 ft.  
 D. Surface seal, bottom - 702.4 ft. MSL or - 0.5 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other   
 15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe: \_\_\_\_\_  
 17. Source of water (attach analysis, if required): NA

E. Bentonite seal, top - 0.5 ft. MSL or 702.4 ft.  
 F. Fine sand, top - 2.5 ft. MSL or 700.4 ft.  
 G. Filter pack, top - 0.35 ft. MSL or 699.4 ft.  
 H. Screen joint, top - 4.0 ft. MSL or 698.4 ft.  
 I. Well bottom - 13.3 ft. MSL or 689.6 ft.  
 J. Filter pack, bottom - 13.3 ft. MSL or 689.6 ft.  
 K. Borehole, bottom - 13.3 ft. MSL or 689.6 ft.  
 L. Borehole, diameter - 6.25 in.  
 M. O.D. well casing - 2.0 in.  
 N. I.D. well casing - 1.2 in.

1. Cap and lock?  Yes  No  
 2. Protective cover pipe:  
 a. Inside diameter: 4.0 in.  
 b. Length: - 1.0 ft.  
 c. Material: Steel  04  
Aluminum Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_  
 3. Surface seal: Bentonite  30  
 Concrete  01  
 Other   
 4. Material between well casing and protective pipe:  
 Bentonite  30  
 Other   
 5. Annular space seal: a. Granular/Chipped Bentonite  33  
 b. 30 lbs/gal mud weight... Bentonite-sand slurry  35  
 c. \_\_\_\_\_ lbs/gal mud weight... Bentonite slurry  31  
 d. \_\_\_\_\_ % Bentonite... Bentonite-cement grout  50  
 e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08  
 6. Bentonite seal: a. Bentonite granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
 c. \_\_\_\_\_ Other   
 7. Fine sand material: Manufacturer, product name & mesh size  
 a. Red Flint  
 b. Volume added 30 lbs ft<sup>3</sup>  
 8. Filter pack material: Manufacturer, product name & mesh size  
 a. Red Flint #40  
 b. Volume added 250 lbs ft<sup>3</sup>  
 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other   
 10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer Timco  
 c. Slot size: 0.019 in.  
 d. Slotted length: 10.0 ft.  
 11. Backfill material (below filter pack): None  14  
 Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: Dave J. Hays Firm: Gravel, Anhalt, Schbemer & Associates Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Remediation/Redevelopment  Waste Management  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name: Oneida Nation  
 Facility License, Permit or Monitoring No.: NA  
 Facility ID: NA  
 Type of Well: Monitoring  
 Well Code: W  
 Distance from Waste/Source: NA ft. Enf. Stds. Apply

Local Grid Location of well: 55208.51 ft. S. 55873.94 ft. E.  
 Local Grid Origin (estimated: ) or Well Location   
 Lat. 43° 30' 00" N Long. 89° 23' 00" W  
 Sr. Plane: Brown ft. N. \_\_\_\_\_ ft. E. S/C/N \_\_\_\_\_  
 Section Location of Waste/Source: NE 1/4 of NW 1/4 of Sec. 15, T. 23 N, R. 19  
 Location of Well Relative to Waste/Source: u  Upgradient s  Sidegradient d  Downgradient n  Not Known  
 Gov. Lot Number: NA

Well Name: MW-5  
 Wis. Unique Well No.: PE 372 DNR Well ID No.: MW-5  
 Date Well Installed: 09/23/2007  
 Well Installed By: Name (first, last) and Firm: Steve Conyer Midwest Engineering Solutions

- A. Protective pipe, top elevation -706.65 ft.
- B. Well casing, top elevation -706.29 ft.
- C. Land surface elevation -706.65 ft.
- D. Surface seal, bottom 706.2 ft. MSL or 0.5 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

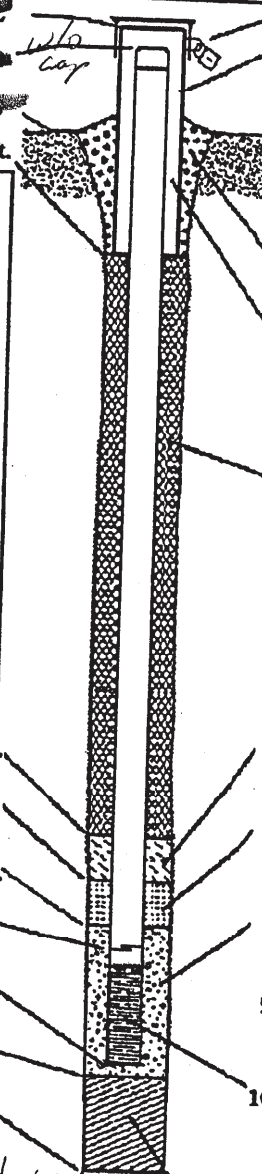
14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required): NA



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 10 in.
  - b. Length: 1.0 ft.
  - c. Material: Aluminum Steel  04 Other
  - d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- 3. Surface seal: Bentonite  30  
Concrete  01  
Other
- 4. Material between well casing and protective pipe: Bentonite  30  
Other
- 5. Annular space seal:
  - a. Granular/Chipped Bentonite  33
  - b. 15 (Lbs/gal mud weight... Bentonite-sand slurry  35
  - c. \_\_\_\_\_ (Lbs/gal mud weight... Bentonite slurry  31
  - d. \_\_\_\_\_ % Bentonite... Bentonite-cement grout  50
  - e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above
  - f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  08
- 6. Bentonite seal:
  - a. Bentonite granules  33
  - b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32
  - c. Other
- 7. Fine sand material: Manufacturer, product name & mesh size
  - a. NA
  - b. Volume added NA ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size
  - a. Red Flint #40
  - b. Volume added 250 lbs ft<sup>3</sup>
- 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other
- 10. Screen material: PVC
  - a. Screen type: Factory cut  11  
Continuous slot  01  
Other
  - b. Manufacturer: TIMCO
  - c. Slot size: 0.010 in.
  - d. Slotted length: 12 ft.
- 11. Backfill material (below filter pack): None  14  
Other

- E. Bentonite seal, top 0.5 ft. MSL or 706.2 ft.
- F. Fine sand, top NA ft. MSL or 22 ft.
- G. Filter pack, top 1.5 ft. MSL or 705.2 ft.
- H. Screen joint, top 2.0 ft. MSL or 704.9 ft.
- I. Well bottom 11.96 ft. MSL or 694.7 ft.
- J. Filter pack, bottom 11.96 ft. MSL or 694.7 ft.
- K. Borehole, bottom 11.96 ft. MSL or 694.7 ft.
- L. Borehole, diameter 6.25 in. silt in bottom of well
- M. O.D. well casing 2.00 in. H2O = 2.59
- N. I.D. well casing 1.70 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: David J. Huns Firm: Grant Anhalt Schloemer & Associates, Inc

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

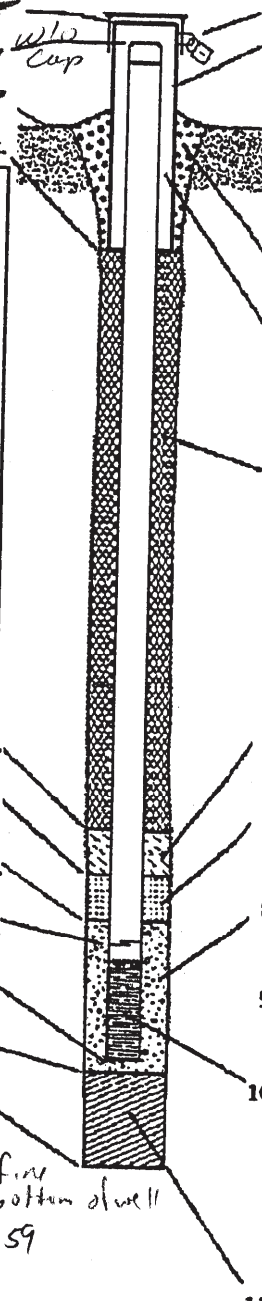
Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name: Oneida Nation  
 Facility License, Permit or Monitoring No.: NA  
 Facility ID: NP  
 Type of Well: monitoring  
 Well Code: 1  
 Distance from Waste/Source: 100 ft. Enf. Stds. Apply   
 Section Location of Waste/Source: NW 1/4 of NE 1/4 of Sec. 15, T. 23, N. R. 19  
 Location of Well Relative to Waste/Source: u Upgradient  s Sidegradient  d Downgradient  n Not Known   
 Gov. Lot Number: NA  
 Well Name: MW-6  
 Wis. Unique Well No.: RE373 DNR Well ID No.: MW-6  
 Date Well Installed: 2412312007  
 Well Installed By: Name (first, last) and Firm: Steve Gonyea Midwest Engineering Services

- A. Protective pipe, top elevation 716.84 ft. MSL
- B. Well casing, top elevation 716.66 ft. MSL
- C. Land surface elevation 713.33 ft. MSL
- D. Surface seal, bottom 200.3 ft. MSL or 2.0 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock   
 13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other   
 15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe: \_\_\_\_\_  
 17. Source of water (attach analysis, if required): NA



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 2.0 in.
  - b. Length: 5.0 ft.
  - c. Material: Steel  04  
Other
  - d. Additional protection?  Yes  No  
If yes, describe: 2-T posts
- 3. Surface seal: Bentonite  30  
Concrete  01  
Other
- 4. Material between well casing and protective pipe: Bentonite  30  
Other
- 5. Annular space seal: a. Granular/Chipped Bentonite  33  
b.      Lbs/gal mud weight ... Bentonite-sand slurry  35  
c.      Lbs/gal mud weight ... Bentonite slurry  31  
d. 200 % Bentonite ... Bentonite-cement grout  50  
e. 200 lbs Ft<sup>3</sup> volume added for any of the above  
f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  08
- 6. Bentonite seal: a. Bentonite granules  33  
b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
c.      Other
- 7. Fine sand material: Manufacturer, product name & mesh size  
a. Red Flint  
b. Volume added 30 lbs ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size  
a. Red Flint #40  
b. Volume added 250 lbs ft<sup>3</sup>
- 9. Well casing: Flush threaded PVC schedule 40  23  
Flush threaded PVC schedule 80  24  
Other
- 10. Screen material: PLC  
a. Screen type: Factory cut  11  
Continuous slot  01  
Other   
b. Manufacturer: TIMCO  
c. Slot size: 0.015 in.  
d. Slotted length: 12.0 ft.
- 11. Backfill material (below filter pack): Red Flint #40  
None  14  
Other

- E. Bentonite seal, top 0.0 ft. MSL or 713.3 ft.
- F. Fine sand, top 7.0 ft. MSL or 706.3 ft.
- G. Filter pack, top 8.0 ft. MSL or 705.3 ft.
- H. Screen joint, top 10.0 ft. MSL or 703.3 ft.
- I. Well bottom 20.0 ft. MSL or 693.3 ft.
- J. Filter pack, bottom 20.0 ft. MSL or 693.3 ft.
- K. Borehole, bottom 21.9 ft. MSL or 694.4 ft.
- L. Borehole, diameter 6.25 in. 1 ft of fine sand bottom of well
- M. O.D. well casing 2.0 in. H<sub>2</sub>O = 18.59
- N. I.D. well casing 1.70 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: Daniel J. Hys Firm: Graci, Anka H. Scholmer & Associates Inc

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

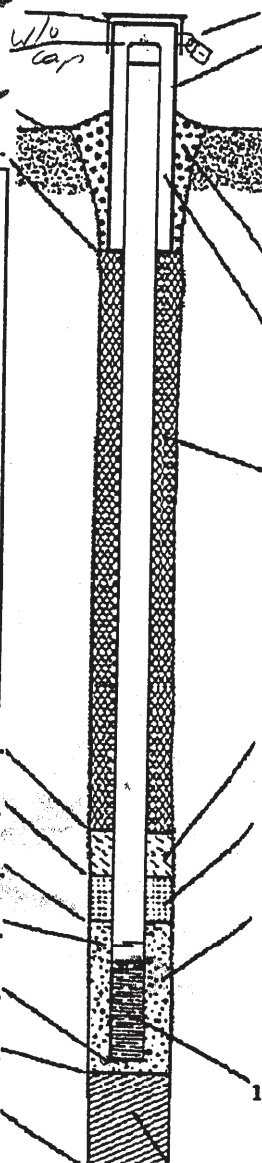
Route to: Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98

Facility/Project Name: Oneida Nation  
 Facility License, Permit or Monitoring No.: NA  
 Facility ID: NA  
 Type of Well: Monitoring  
 Well Code: 1  
 Distance from Waste/Source: NA ft. Enf. Stds. Apply   
 Location of Well Relative to Waste/Source: u  Upgradient s  Sidegradient d  Downgradient n  Not Known  
 Gov. Lot Number: NA  
 Section Location of Waste/Source: NN 1/4 of NW 1/4 of Sec. 15, T. 23 N, R. 19 E  
 Well Name: MW-7  
 Wis. Unique Well No.: PE 324  
 DNR Well ID No.: MLW-7  
 Date Well Installed: 04/23/2007  
 Well Installed By: Name (first, last) and Firm: Steve Gonyea Midwest Engineering

A. Protective pipe, top elevation - 699.35 ft. MSL  
 B. Well casing, top elevation - 699.16 ft. MSL  
 C. Land surface elevation - 696.01 ft. MSL  
 D. Surface seal, bottom - 690.0 ft. MSL or - - - - ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock   
 13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other   
 15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_  
 17. Source of water (attach analysis, if required): \_\_\_\_\_



- Cap and lock? Service  Yes  No
- Protective cover pipe:
  - Inside diameter: 3.0 in.
  - Length: 5.0 ft.
  - Material: Steel  04 Other
  - Additional protection?  Yes  No  
If yes, describe: 3 T-posts
- Surface seal: Bentonite  30 Concrete  01 Other
- Material between well casing and protective pipe: Bentonite  30 Other
- Annular space seal:
  - Granular/Chipped Bentonite  33
  - Lbs/gal mud weight... Bentonite-sand slurry  35
  - Lbs/gal mud weight... Bentonite slurry  31
  - % Bentonite... Bentonite-cement grout  50
  - 100 lbs Ft<sup>3</sup> volume added for any of the above
  - How installed: Tremie  01 Tremie pumped  02 Gravity  08
- Bentonite seal:
  - Bentonite granules  33
  - 1/4 in.  3/8 in.  1/2 in. Bentonite chips  32
  - Other
- Fine sand material: Manufacturer, product name & mesh size
  - NA
  - Volume added \_\_\_\_\_ ft<sup>3</sup>
- Filter pack material: Manufacturer, product name & mesh size
  - Rad Flint # 40
  - Volume added 250 lbs ft<sup>3</sup>
- Well casing: Flush threaded PVC schedule 40  23 Flush threaded PVC schedule 80  24 Other
- Screen material: PVC
  - Screen type: Factory cut  11 Continuous slot  01 Other
  - Manufacturer Titan CO
  - Slot size: 0.010 in.
  - Slotted length: 18 ft.
- Backfill material (below filter pack): None  14 Other

E. Bentonite seal, top - 0.0 ft. MSL or 696.0 ft.  
 F. Fine sand, top - NA ft. MSL or NA ft.  
 G. Filter pack, top - 1.5 ft. MSL or 694.5 ft.  
 H. Screen joint, top - 2.0 ft. MSL or 697.0 ft.  
 I. Well bottom - 14.88 ft. MSL or 681.1 ft.  
 J. Filter pack, bottom - 14.88 ft. MSL or 681.1 ft.  
 K. Borehole, bottom - 14.88 ft. MSL or 681.1 ft.  
 L. Borehole, diameter - 6.25 in.  
 M. O.D. well casing - 2.0 in.  
 N. I.D. well casing - 1.7 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: David J. Hays Firm: Bruck Anhalt Schlemmer & Associates

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.



Route To:

Watershed/Wastewater  Remediation/Redevelopment

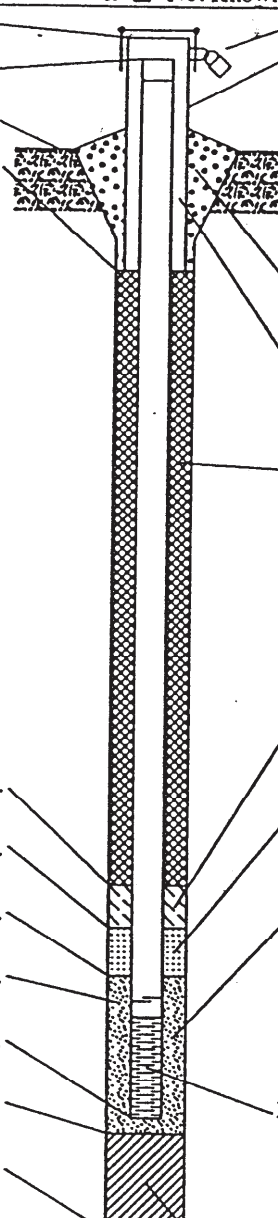
Waste Management  Other

MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 6-97

Facility/Project Name, Facility License, Facility ID, Type of Well, Distance Well Is From Waste/Source Boundary, Local Grid Location of Well, Grid Origin Location, Section Location of Waste/Source, Location of Well Relative to Waste/Source

A. Protective pipe, top elevation \* ft. MSL
B. Well casing, top elevation \* ft. MSL
C. Land surface elevation \* ft. MSL
D. Surface seal, bottom \* ft. MSL or \* ft.

12. USC classification of soil near screen: GP, GM, GC, GW, SW, SP, SM, SC, ML, MH, CL, CH, Bedrock
13. Sieve analysis attached? Yes No
14. Drilling method used: Rotary, Hollow Stem Auger, Other
15. Drilling fluid used: Water, Air, Drilling Mud, None
16. Drilling additives used? Yes No
17. Source of water (attach analysis):



1. Cap and lock? Yes No
2. Protective cover pipe: a. Inside diameter: 6.0 in., b. Length: 10 ft., c. Material: Fiberglass, d. Additional protection? Yes No
3. Surface seal: Bentonite 30, Concrete 01, Other
4. Material between well casing and protective pipe: Bentonite 30, Other
5. Annular space seal: a. Granular Bentonite 33, b. Lbs/gal mud weight Bentonite-sand slurry 35, c. Lbs/gal mud weight Bentonite slurry 31, d. % Bentonite Bentonite-cement grout 50, e. Ft^3 volume added for any of the above, f. How installed: Tremie 01, Tremie pumped 02, Gravity 08
6. Bentonite seal: 1- bag, a. Bentonite granules 33, b. 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32, c. pure seal Other
7. Fine sand material: Manufacturer, product name and mesh size, a. N/A, b. Volume added
8. Filter pack material: Manufacturer, product name and mesh size, a. Red Iron 430, b. Volume added 1 bag
9. Well casing: Flush threaded PVC schedule 40 23, Flush threaded PVC schedule 80 24, Other
10. Screen material: PVC, a. Screen Type: Factory cut 11, Continuous slot 01, Other, b. Manufacturer DELOITTE, c. Slot size: .010 in., d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None 14, Other

E. Bentonite seal, top \* ft. MSL or 1.0 \* ft.
F. Fine sand, top \* ft. MSL or \* ft.
G. Filter pack, top \* ft. MSL or 3.6 \* ft.
H. Screen joint, top \* ft. MSL or 4.0 \* ft.
I. Well bottom \* ft. MSL or 14.0 \* ft.
J. Filter pack, bottom \* ft. MSL or 14.0 \* ft.
K. Borehole, bottom \* ft. MSL or 14.0 \* ft.
L. Borehole, diameter \* in.
M. O.D. well casing \* in.
N. I.D. well casing \* in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm \*

Tel: \* Fax: \*

Please complete both Forms 4400-113A and 4400-113B and return to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 282, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduit involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <u>MW-9</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>	Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>
Facility ID	Lat. _____ " Long. _____ " or St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>02/09/2016</u> m m d d y y v v y
Type of Well Well Code <u>1</u>	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Kurt Deprey</u> <u>PSI, Inc.</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known
		Gov. Lot Number _____

A. Protective pipe, top elevation 102.00 ft. MSL  
B. Well casing, top elevation 101.75 ft. MSL  
C. Land surface elevation 100.00 ft. MSL  
D. Surface seal, bottom 99.0 ft. MSL or \_\_\_\_\_ ft.

12. USCS classification of soil near screen:  
GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock

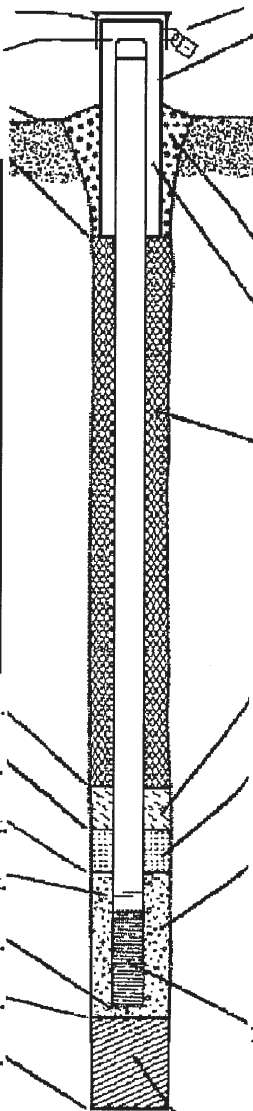
13. Sieve analysis performed?  Yes  No

14. Drilling method used: Rotary  50  
Hollow Stem Auger  41  
Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
\_\_\_\_\_



- Cap and lock?  Yes  No
- Protective cover pipe:
  - Inside diameter: 6 in.
  - Length: 5 ft.
  - Material: Steel  04  
Other
  - Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- Surface seal: Bentonite  30  
Concrete  01  
Other  Natural
- Material between well casing and protective pipe: Bentonite  30  
Other  No
- Annular space seal:
  - Granular/Chipped Bentonite  33
  - \_\_\_\_\_ Lbs/gal mud weight ... Bentonite-sand slurry  35
  - \_\_\_\_\_ Lbs/gal mud weight ... Bentonite slurry  31
  - \_\_\_\_\_ % Bentonite ... Bentonite-cement grout  50
  - \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above
  - How installed: Tremie  01  
Tremie pumped  02  
Gravity  08
- Bentonite seal:
  - Bentonite granules  33
  - 1/4 in.  3/8 in.  1/2 in. Bentonite chips  32
  - \_\_\_\_\_ Other
- Fine sand material: Manufacturer, product name & mesh size
  - RED FLINT
  - Volume added \_\_\_\_\_ ft<sup>3</sup>
- Filter pack material: Manufacturer, product name & mesh size
  - RED FLINT #15 0.015"
  - Volume added 6 Bags ft<sup>3</sup>
- Well casing: Flush threaded PVC schedule 40  23  
Flush threaded PVC schedule 80  24  
Other
- Screen material: PVC
  - Screen type: Factory cut  11  
Continuous slot  01  
Other
  - Manufacturer Johnson
  - Slot size: 0.10 in.
  - Slotted length: 10 ft.
- Backfill material (below filter pack): None  14  
Other

E. Bentonite seal, top 99.0 ft. MSL or \_\_\_\_\_ ft.  
F. Fine sand, top 97.0 ft. MSL or \_\_\_\_\_ ft.  
G. Filter pack, top 97.0 ft. MSL or \_\_\_\_\_ ft.  
H. Screen joint, top 97.0 ft. MSL or \_\_\_\_\_ ft.  
I. Well bottom 87.0 ft. MSL or \_\_\_\_\_ ft.  
J. Filter pack, bottom 86.5 ft. MSL or \_\_\_\_\_ ft.  
K. Borehole, bottom 86.5 ft. MSL or \_\_\_\_\_ ft.  
L. Borehole, diameter 4.25 ± 0.0 in.  
M. O.D. well casing 2.25 in.  
N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm \_\_\_\_\_

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name <u>MW-10</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____ " or _____ "		Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N _____		Date Well Installed <u>02/09/2016</u> m m d d y y v v y
Type of Well Well Code <u>1</u>	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. _____ <input type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Kurt Deprey</u> <u>PSI, Inc.</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____

A. Protective pipe, top elevation <u>102.00</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>101.75</u> ft. MSL	2. Protective cover pipe: a. Inside diameter: <u>6</u> in. b. Length: <u>5</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation <u>100.00</u> ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom <u>99.0</u> ft. MSL or _____ ft.	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: <u>No</u> Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite . . . . . Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. <u>RED FLINT</u> b. Volume added _____ ft <sup>3</sup>
16. Drilling additives used? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. <u>RED FLINT #15 0.015"</u> b. Volume added <u>6 Bags</u> ft <sup>3</sup>
17. Source of water (attach analysis, if required): _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top <u>99.0</u> ft. MSL or _____ ft.	10. Screen material: <u>PVC</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top <u>97.0</u> ft. MSL or _____ ft.	b. Manufacturer <u>Johnson</u> c. Slot size: _____ 0. <u>10</u> in. d. Slotted length: <u>10</u> ft.
G. Filter pack, top <u>97.0</u> ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top <u>97.0</u> ft. MSL or _____ ft.	
I. Well bottom <u>87.0</u> ft. MSL or _____ ft.	
J. Filter pack, bottom <u>86.5</u> ft. MSL or _____ ft.	
K. Borehole, bottom <u>86.5</u> ft. MSL or _____ ft.	
L. Borehole, diameter <u>4.25 ± 0.0</u> in.	
M. O.D. well casing <u>2.25</u> in.	
N. I.D. well casing <u>2.0</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature \_\_\_\_\_ Firm \_\_\_\_\_

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

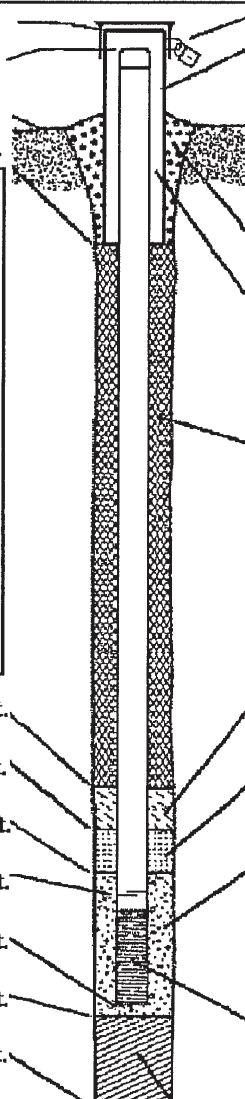
State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <u>MW-11</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>0210912016</u> m m d d y y v v
Type of Well Well Code <u>1</u>	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Kurt Deprey</u> <u>PSI, Inc.</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known
		Gov. Lot Number _____

A. Protective pipe, top elevation 102.00 ft. MSL  
 B. Well casing, top elevation 101.75 ft. MSL  
 C. Land surface elevation 100.00 ft. MSL  
 D. Surface seal, bottom 99.0 ft. MSL or \_\_\_\_\_ ft.



- Cap and lock?  Yes  No
- Protective cover pipe:
  - Inside diameter: 6 in.
  - Length: 5 ft.
  - Material: Steel  04  
Other
  - Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- Surface seal: Bentonite  30  
Concrete  01  
Other 

Natural
- Material between well casing and protective pipe: Bentonite  30  
Other 

No
- Annular space seal:
  - Granular/Chipped Bentonite  33
  - Lbs/gal mud weight... Bentonite-sand slurry  35
  - Lbs/gal mud weight... Bentonite slurry  31
  - % Bentonite... Bentonite-cement grout  50
  - Ft<sup>3</sup> volume added for any of the above \_\_\_\_\_
  - How installed: Tremie  01  
Tremie pumped  02  
Gravity  08
- Bentonite seal:
  - Bentonite granules  33
  - 1/4 in.  3/8 in.  1/2 in. Bentonite chips  32
  - Other
- Fine sand material: Manufacturer, product name & mesh size
  - RED FLINT
  - Volume added \_\_\_\_\_ ft<sup>3</sup>
- Filter pack material: Manufacturer, product name & mesh size
  - RED FLINT #15 0.015"
  - Volume added 6 Bags ft<sup>3</sup>
- Well casing: Flush threaded PVC schedule 40  23  
Flush threaded PVC schedule 80  24  
Other
- Screen material: PVC
  - Screen type: Factory cut  11  
Continuous slot  01  
Other
  - Manufacturer Johnson
  - Slot size: 0.10 in.
  - Slotted length: 10 ft.
- Backfill material (below filter pack): None  14  
Other

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
 \_\_\_\_\_

E. Bentonite seal, top 99.0 ft. MSL or \_\_\_\_\_ ft.  
 F. Fine sand, top 97.0 ft. MSL or \_\_\_\_\_ ft.  
 G. Filter pack, top 97.0 ft. MSL or \_\_\_\_\_ ft.  
 H. Screen joint, top 97.0 ft. MSL or \_\_\_\_\_ ft.  
 I. Well bottom 87.0 ft. MSL or \_\_\_\_\_ ft.  
 J. Filter pack, bottom 86.5 ft. MSL or \_\_\_\_\_ ft.  
 K. Borehole, bottom 86.5 ft. MSL or \_\_\_\_\_ ft.  
 L. Borehole, diameter 4.25 in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm \_\_\_\_\_

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

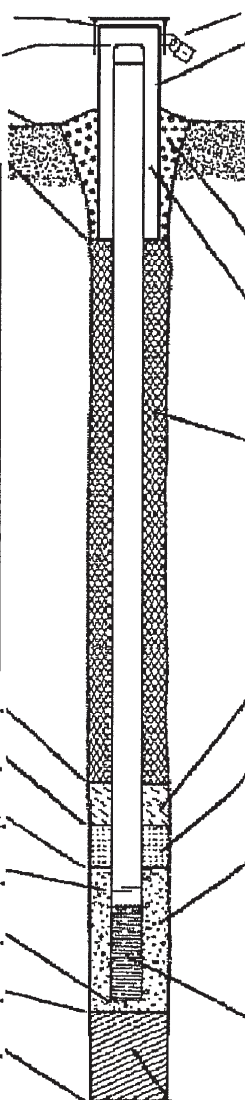
State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name <u>MW-12</u>	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>	
Facility ID		St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed <u>02/09/2016</u> m m d d y y y y	
Type of Well		Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. _____ <input type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Kurt Deprey</u> <u>PSI, Inc.</u>	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	

A. Protective pipe, top elevation	<u>102.00</u> ft. MSL	1. Cap and lock?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation	<u>101.75</u> ft. MSL	2. Protective cover pipe:	
C. Land surface elevation	<u>100.00</u> ft. MSL	a. Inside diameter:	<u>6</u> in.
D. Surface seal, bottom	<u>99.0</u> ft. MSL or _____ ft.	b. Length:	<u>5</u> ft.
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		c. Material:	Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
13. Sieve analysis performed?	<input type="checkbox"/> Yes <input type="checkbox"/> No	d. Additional protection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
14. Drilling method used:	Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	3. Surface seal:	Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
15. Drilling fluid used:	Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	4. Material between well casing and protective pipe:	Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
16. Drilling additives used?	<input type="checkbox"/> Yes <input type="checkbox"/> No	5. Annular space seal:	a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
17. Source of water (attach analysis, if required):	_____	6. Bentonite seal:	a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
E. Bentonite seal, top	<u>99.0</u> ft. MSL or _____ ft.	7. Fine sand material: Manufacturer, product name & mesh size	a. <u>RED FLINT</u> b. Volume added _____ ft <sup>3</sup>
F. Fine sand, top	<u>97.0</u> ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size	a. <u>RED FLINT #15 0.015"</u> b. Volume added <u>6 Bags</u> ft <sup>3</sup>
G. Filter pack, top	<u>97.0</u> ft. MSL or _____ ft.	9. Well casing:	Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
H. Screen joint, top	<u>97.0</u> ft. MSL or _____ ft.	10. Screen material: <u>PVC</u>	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
I. Well bottom	<u>87.0</u> ft. MSL or _____ ft.	b. Manufacturer <u>Johnson</u>	c. Slot size: <u>0.10</u> in. d. Slotted length: <u>10</u> ft.
J. Filter pack, bottom	<u>86.5</u> ft. MSL or _____ ft.	11. Backfill material (below filter pack):	None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
K. Borehole, bottom	<u>86.5</u> ft. MSL or _____ ft.		
L. Borehole, diameter	<u>4.25</u> in.		
M. O.D. well casing	<u>2.25</u> in.		
N. I.D. well casing	<u>2.0</u> in.		



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm \_\_\_\_\_

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name <u>MW-13</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ "	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>07/26/2016</u> m m d d y y v v
Type of Well	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Kurt DePrey</u> <u>PSI, Inc.</u>
Well Code _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Distance from Waste/Source _____ ft.	Gov. Lot Number _____	

A. Protective pipe, top elevation 709.4 ft. MSL  
 B. Well casing, top elevation 709.1 ft. MSL  
 C. Land surface elevation 706.4 ft. MSL  
 D. Surface seal, bottom 705.4 ft. MSL or \_\_\_\_\_ ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

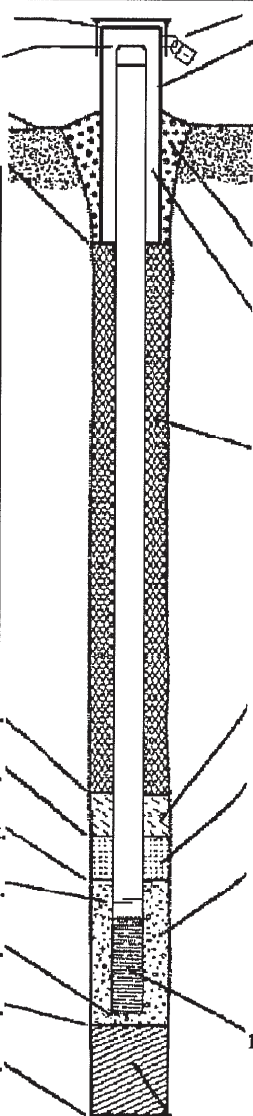
13. Sieve analysis performed?  Yes  No

14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
 \_\_\_\_\_



1. Cap and lock?  Yes  No

2. Protective cover pipe:  
 a. Inside diameter: \_\_\_\_\_ in. 6  
 b. Length: \_\_\_\_\_ ft. 5  
 c. Material: Steel  04  
 Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_

3. Surface seal: Bentonite  30  
 Concrete  01  
 Other  Natural

4. Material between well casing and protective pipe:  
 Bentonite  30  
 Other  No

5. Annular space seal: a. Granular/Chipped Bentonite  33  
 b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  35  
 c. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite slurry  31  
 d. \_\_\_\_\_ % Bentonite . . . . Bentonite-cement grout  50  
 e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08

6. Bentonite seal: a. Bentonite granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
 c. \_\_\_\_\_ Other

7. Fine sand material: Manufacturer, product name & mesh size  
 a. RED FLINT  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name & mesh size  
 a. RED FLINT #15 0.015"  
 b. Volume added 6 Bags ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other

10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer Johnson  
 c. Slot size: \_\_\_\_\_ in. 0.10  
 d. Slotted length: \_\_\_\_\_ ft. 10

11. Backfill material (below filter pack): None  14  
 Other

E. Bentonite seal, top 705.4 ft. MSL or \_\_\_\_\_ ft.  
 F. Fine sand, top 703.4 ft. MSL or \_\_\_\_\_ ft.  
 G. Filter pack, top 703.4 ft. MSL or \_\_\_\_\_ ft.  
 H. Screen joint, top 703.4 ft. MSL or \_\_\_\_\_ ft.  
 I. Well bottom 693.4 ft. MSL or \_\_\_\_\_ ft.  
 J. Filter pack, bottom 692.9 ft. MSL or \_\_\_\_\_ ft.  
 K. Borehole, bottom 692.9 ft. MSL or \_\_\_\_\_ ft.  
 L. Borehole, diameter 4.25 ID. in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm PSI, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name <u>MW-14</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>07/26/2016</u> m m d d y y v v y
Type of Well	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. <input type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Kurt Deprey</u> <u>PSI, Inc.</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____

A. Protective pipe, top elevation 710.3 ft. MSL  
 B. Well casing, top elevation 710.1 ft. MSL  
 C. Land surface elevation 707.3 ft. MSL  
 D. Surface seal, bottom 706.3 ft. MSL or \_\_\_\_\_ ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

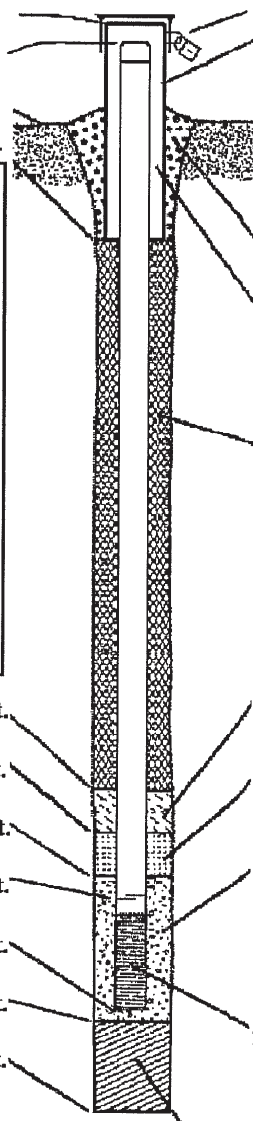
14. Drilling method used: Rotary  5 0  
 Hollow Stem Auger  4 1  
 Other

15. Drilling fluid used: Water  0 2 Air  0 1  
 Drilling Mud  0 3 None  9 9

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required): \_\_\_\_\_



- Cap and lock?  Yes  No
- Protective cover pipe:
  - Inside diameter: 6 in.
  - Length: 5 ft.
  - Material: Steel  0 4  
Other
  - Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- Surface seal: Bentonite  3 0  
Concrete  0 1  
Other  Natural
- Material between well casing and protective pipe: Bentonite  3 0  
Other  No
- Annular space seal:
  - Granular/Chipped Bentonite  3 3
  - Lbs/gal mud weight . . . Bentonite-sand slurry  3 5
  - Lbs/gal mud weight . . . . . Bentonite slurry  3 1
  - % Bentonite . . . . . Bentonite-cement grout  5 0
  - Ft<sup>3</sup> volume added for any of the above \_\_\_\_\_
  - How installed: Tremie  0 1  
Tremie pumped  0 2  
Gravity  0 8
- Bentonite seal:
  - Bentonite granules  3 3
  - 1/4 in.  3/8 in.  1/2 in. Bentonite chips  3 2
  - Other
- Fine sand material: Manufacturer, product name & mesh size
  - RED FLINT
  - Volume added \_\_\_\_\_ ft<sup>3</sup>
- Filter pack material: Manufacturer, product name & mesh size
  - RED FLINT #15 0.015"
  - Volume added 6 Bags ft<sup>3</sup>
- Well casing: Flush threaded PVC schedule 40  2 3  
 Flush threaded PVC schedule 80  2 4  
 Other
- Screen material: PVC
  - Screen type: Factory cut  1 1  
 Continuous slot  0 1  
 Other
  - Manufacturer Johnson
  - Slot size: 0.10 in.
  - Slotted length: 10 ft.
- Backfill material (below filter pack): None  1 4  
 Other

E. Bentonite seal, top 706.3 ft. MSL or \_\_\_\_\_ ft.  
 F. Fine sand, top 704.3 ft. MSL or \_\_\_\_\_ ft.  
 G. Filter pack, top 704.3 ft. MSL or \_\_\_\_\_ ft.  
 H. Screen joint, top 704.3 ft. MSL or \_\_\_\_\_ ft.  
 I. Well bottom 694.3 ft. MSL or \_\_\_\_\_ ft.  
 J. Filter pack, bottom 693.8 ft. MSL or \_\_\_\_\_ ft.  
 K. Borehole, bottom 693.8 ft. MSL or \_\_\_\_\_ ft.  
 L. Borehole, diameter 4.25 ID in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm PSI, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name <u>MW-15</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ "	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed <u>0712612016</u> m m d d y y v v
Type of Well	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Kurt DePrey</u> <u>PSI, Inc.</u>
Well Code _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Distance from Waste/Source _____ ft.	Gov. Lot Number _____	

A. Protective pipe, top elevation 719.0 ft. MSL  
B. Well casing, top elevation 718.75 ft. MSL  
C. Land surface elevation 716.0 ft. MSL  
D. Surface seal, bottom 715.0 ft. MSL or \_\_\_\_\_ ft.

12. USCS classification of soil near screen:  
GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock

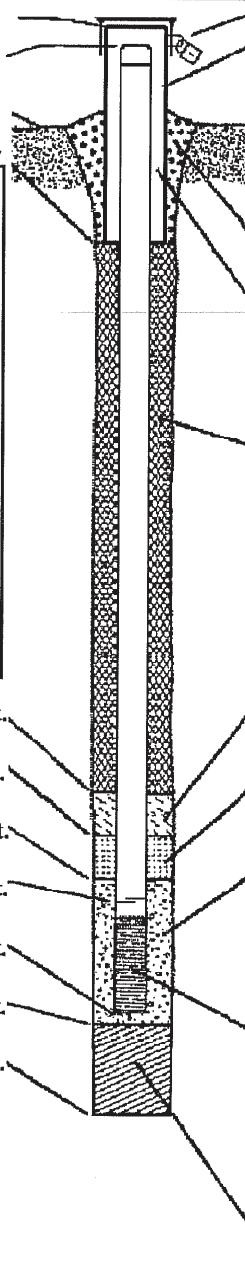
13. Sieve analysis performed?  Yes  No

14. Drilling method used: Rotary  50  
Hollow Stem Auger  41  
Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
\_\_\_\_\_



1. Cap and lock?  Yes  No

2. Protective cover pipe:  
a. Inside diameter: 6 in.  
b. Length: 5 ft.  
c. Material: Steel  04  
Other

d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_

3. Surface seal: Bentonite  30  
Concrete  01  
Other

4. Material between well casing and protective pipe: None  
Bentonite  30  
Other

5. Annular space seal: a. Granular/Chipped Bentonite  33  
b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  35  
c. \_\_\_\_\_ Lbs/gal mud weight . . . . Bentonite slurry  31  
d. \_\_\_\_\_ % Bentonite . . . . . Bentonite-cement grout  50  
e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  08

6. Bentonite seal: a. Bentonite granules  33  
b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
c. \_\_\_\_\_ Other

7. Fine sand material: Manufacturer, product name & mesh size  
a. RED FLINT  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name & mesh size  
a. RED FLINT #15 0.015"  
b. Volume added 6 Bags ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
Flush threaded PVC schedule 80  24  
Other

10. Screen material: PVC  
a. Screen type: Factory cut  11  
Continuous slot  01  
Other

b. Manufacturer Johnson  
c. Slot size: \_\_\_\_\_ in.  
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None  14  
Other

E. Bentonite seal, top 715.0 ft. MSL or \_\_\_\_\_ ft.  
F. Fine sand, top 713.0 ft. MSL or \_\_\_\_\_ ft.  
G. Filter pack, top 713.0 ft. MSL or \_\_\_\_\_ ft.  
H. Screen joint, top 713.0 ft. MSL or \_\_\_\_\_ ft.  
I. Well bottom 703.0 ft. MSL or \_\_\_\_\_ ft.  
J. Filter pack, bottom 702.5 ft. MSL or \_\_\_\_\_ ft.  
K. Borehole, bottom 702.5 ft. MSL or \_\_\_\_\_ ft.  
L. Borehole, diameter 4.25 ID in.  
M. O.D. well casing 2.25 in.  
N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Cody W. Liguette Firm PSI, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.



State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-16
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____ " or _____ "	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 07/26/2016 m m d d y y y y
Type of Well Well Code _____ / _____	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Kurt DePrey PSI, Inc.
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation 705.5 ft. MSL  
 B. Well casing, top elevation 705.25 ft. MSL  
 C. Land surface elevation 702.5 ft. MSL  
 D. Surface seal, bottom 701.5 ft. MSL or \_\_\_\_\_ ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

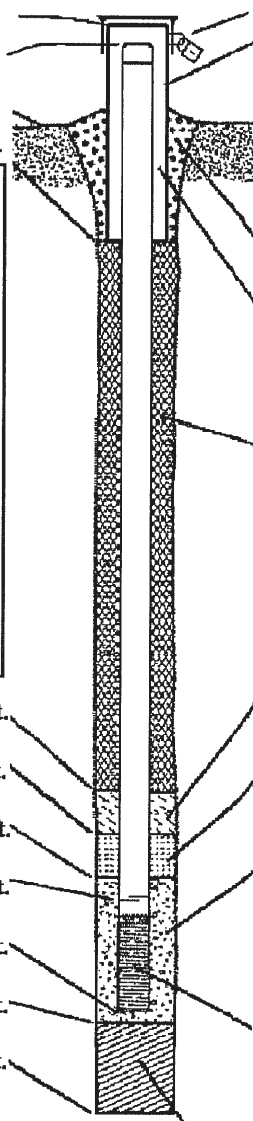
14. Drilling method used: Rotary  5 0  
 Hollow Stem Auger  4 1  
 Other

15. Drilling fluid used: Water  0 2 Air  0 1  
 Drilling Mud  0 3 None  9 9

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required): \_\_\_\_\_



1. Cap and lock?  Yes  No

2. Protective cover pipe:  
 a. Inside diameter: 6 in.  
 b. Length: 5 ft.  
 c. Material: Steel  0 4  
 Other

d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_

3. Surface seal: Bentonite  3 0  
 Concrete  0 1  
 Other  Natural

4. Material between well casing and protective pipe:  
 Bentonite  3 0  
 Other  No

5. Annular space seal: a. Granular/Chipped Bentonite  3 3  
 b. \_\_\_\_\_ Lbs/gal mud weight ... Bentonite-sand slurry  3 5  
 c. \_\_\_\_\_ Lbs/gal mud weight ... Bentonite slurry  3 1  
 d. \_\_\_\_\_ % Bentonite ... Bentonite-cement grout  5 0  
 e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
 f. How installed: Tremie  0 1  
 Tremie pumped  0 2  
 Gravity  0 8

6. Bentonite seal: a. Bentonite granules  3 3  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  3 2  
 c. \_\_\_\_\_ Other

7. Fine sand material: Manufacturer, product name & mesh size  
 a. RED FLINT  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name & mesh size  
 a. RED FLINT #15 0.015"  
 b. Volume added 6 bags ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  2 3  
 Flush threaded PVC schedule 80  2 4  
 Other

10. Screen material: PVC  
 a. Screen type: Factory cut  1 1  
 Continuous slot  0 1  
 Other

b. Manufacturer Johnson  
 c. Slot size: 0.10 in.  
 d. Slotted length: 12 ft.

11. Backfill material (below filter pack): None  1 4  
 Other

E. Bentonite seal, top 701.5 ft. MSL or \_\_\_\_\_ ft.  
 F. Fine sand, top 699.5 ft. MSL or \_\_\_\_\_ ft.  
 G. Filter pack, top 699.5 ft. MSL or \_\_\_\_\_ ft.  
 H. Screen joint, top 699.5 ft. MSL or \_\_\_\_\_ ft.  
 I. Well bottom 689.5 ft. MSL or \_\_\_\_\_ ft.  
 J. Filter pack, bottom 689.0 ft. MSL or \_\_\_\_\_ ft.  
 K. Borehole, bottom 689.0 ft. MSL or \_\_\_\_\_ ft.  
 L. Borehole, diameter 4.25 FD in.  
 M. O.D. well casing 2.25 in.  
 N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm PSI, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin  
Department of Natural Resources

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

MONITORING WELL CONSTRUCTION  
Form 4400-113A Rev. 7-98

Facility/Project Name	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name <u>MW-17</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. " Long. " or " or "		Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed <u>07/26/2016</u> m m d d y y v v y y
Type of Well	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ <input type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Kurt Deprey</u> <u>PSI, Inc.</u>
Well Code <u>1</u>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>		

- A. Protective pipe, top elevation 707.0 ft. MSL
- B. Well casing, top elevation 706.7 ft. MSL
- C. Land surface elevation 704.0 ft. MSL
- D. Surface seal, bottom 703.0 ft. MSL or \_\_\_\_\_ ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

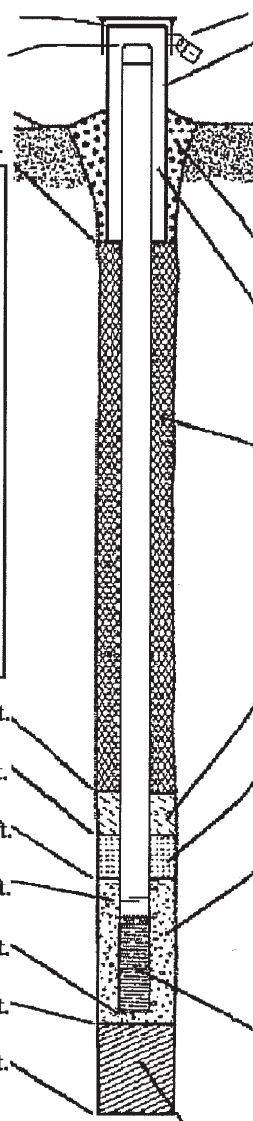
14. Drilling method used: Rotary  5 0  
 Hollow Stem Auger  4 1  
 Other

15. Drilling fluid used: Water  0 2 Air  0 1  
 Drilling Mud  0 3 None  9 9

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
 \_\_\_\_\_



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 6 in.
  - b. Length: 5 ft.
  - c. Material: Steel  0 4  
Other
  - d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- 3. Surface seal: Bentonite  3 0  
Concrete  0 1  
Other
- 4. Material between well casing and protective pipe: Natural  
Bentonite  3 0  
Other
- 5. Annular space seal: a. Granular/Chipped Bentonite  3 3  
b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  3 5  
c. \_\_\_\_\_ Lbs/gal mud weight . . . . . Bentonite slurry  3 1  
d. \_\_\_\_\_ % Bentonite . . . . . Bentonite-cement grout  5 0  
e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
f. How installed: Tremie  0 1  
Tremie pumped  0 2  
Gravity  0 8
- 6. Bentonite seal: a. Bentonite granules  3 3  
b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  3 2  
c. \_\_\_\_\_ Other
- 7. Fine sand material: Manufacturer, product name & mesh size  
a. RED FLINT  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size  
a. RED FLINT #15 0.015"  
b. Volume added 6 Bags ft<sup>3</sup>
- 9. Well casing: Flush threaded PVC schedule 40  2 3  
Flush threaded PVC schedule 80  2 4  
Other
- 10. Screen material: PVC  
a. Screen type: Factory cut  1 1  
Continuous slot  0 1  
Other
- b. Manufacturer Johnson  
c. Slot size: 0.10 in.  
d. Slotted length: 12 ft.
- 11. Backfill material (below filter pack): None  1 4  
Other

- E. Bentonite seal, top 703.0 ft. MSL or \_\_\_\_\_ ft.
- F. Fine sand, top 701.0 ft. MSL or \_\_\_\_\_ ft.
- G. Filter pack, top 701.0 ft. MSL or \_\_\_\_\_ ft.
- H. Screen joint, top 701.0 ft. MSL or \_\_\_\_\_ ft.
- I. Well bottom 691.0 ft. MSL or \_\_\_\_\_ ft.
- J. Filter pack, bottom 690.5 ft. MSL or \_\_\_\_\_ ft.
- K. Borehole, bottom 690.5 ft. MSL or \_\_\_\_\_ ft.
- L. Borehole, diameter 4.25 ID in.
- M. O.D. well casing 2.25 in.
- N. I.D. well casing 2.0 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm PSI, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Hydrogeologic Conditions Review  
Oneida Cemetery  
Oneida, Wisconsin  
June 29, 2021

## Appendix B

---

### Private Water Well Logs

Tools



Home



Initial View



Pan



Zoom In



Zoom Out



Identify



Search by T R S

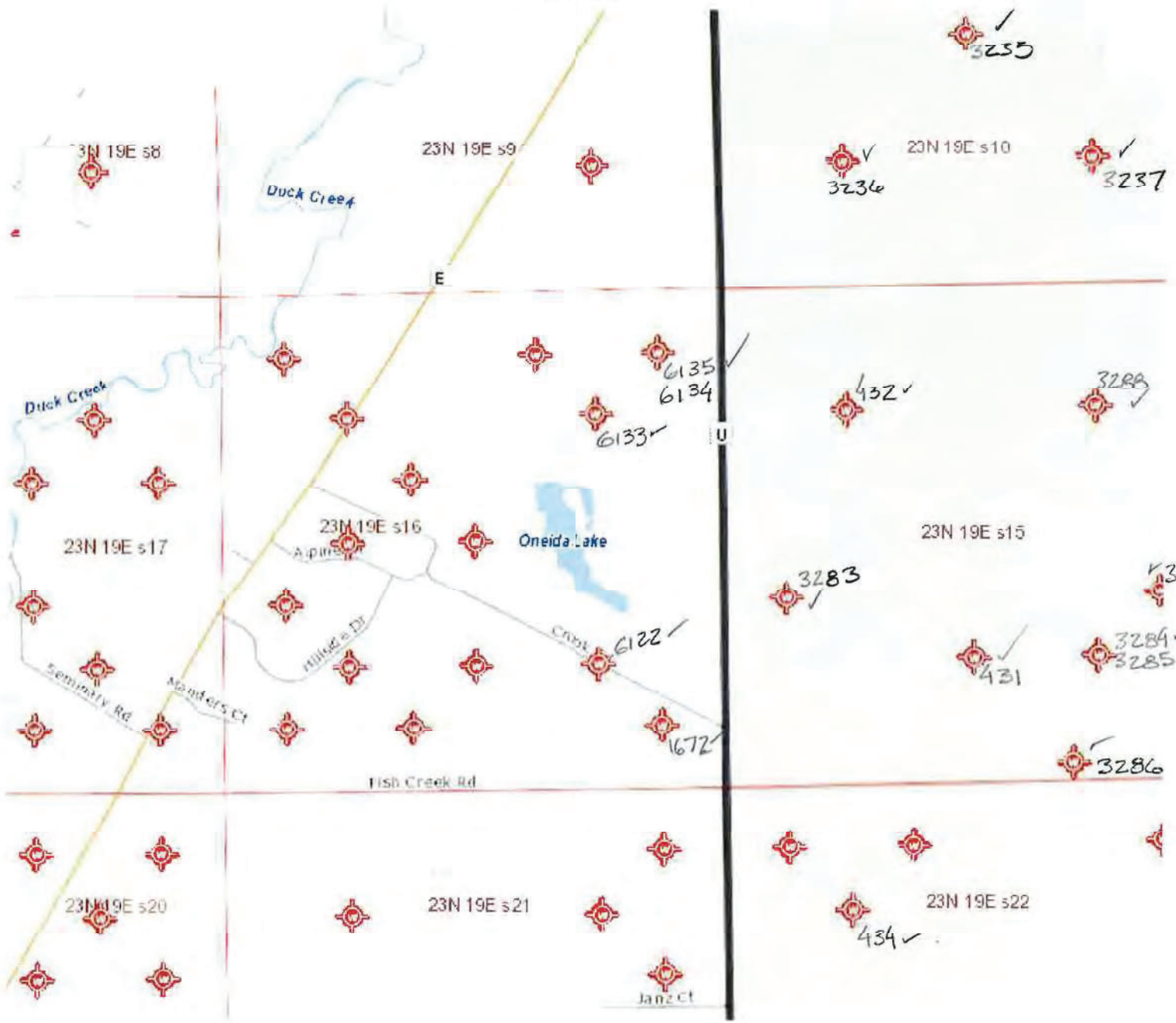


Add/Remove Air Photo



Contact Us

Basic Tools



NOTE:  
 White Copy - Division's Copy  
 Green Copy - Driller's Copy  
 Yellow Copy - Owner's Copy

WELL CONSTRUCTOR'S REPORT  
 Form 3300-15  
 Rev. 2-79

MAR 7 1983

1. COUNTY Brown CHECK (✓) ONE:  Town  Village  City Name Hobart (South)

2. LOCATION NW 1/4 Section or Gov't. Lot Section 15 Township 23N Range 9E 3. NAME Cecil Skowabae OWNER  AGENT AT TIME OF DRILLING CHECK (✓) ONE

OR - Grid or Street No. Street or Road Name ADDRESS 2270 County Line Rd

AND - If available subdivision name, lot & block No. POST OFFICE Depras WI ZIP CODE

4. Distance in feet from well to nearest: (Record answer in appropriate block)

Building	Sanitary Bldg. Drain	Sanitary Bldg. Sewer	Floor Drain Connected To	Storm Bldg. Drain	Storm Bldg. Sewer
<u>20</u>	C.I. <u>—</u> Other <u>—</u>	C.I. <u>60</u> Other <u>—</u>	C.I. Sewer <u>—</u> Other Sewer <u>—</u>	C.I. <u>—</u> Other <u>—</u>	C.I. <u>—</u> Other <u>—</u>

Street Sewer — Other Sewers — Foundation Drain Connected to — Sewage Sump — Clearwater Sump — Clearwater Sump — Septic Tank 75 Holding Tank — Sewage Absorption Unit — Seepage Pit — Seepage Bed — Seepage Trench — Manure Hopper or Retention or Pneumatic Tank —

Privy — Pit: Nonconforming Existing — Subsurface Pump Room — Nonconforming Existing — Barn Gutter — Animal Barn Pen — Animal Yard — Silo With Pit — Glass Lined Storage Facility — Silo w/o Pit — Earthen Silage Storage Trench Or Pit — Earthen Manure Basin —

Temporary Manure Stack or Platform — Watertight Liquid Manure Tank or Basin — Manure Pressure Pipe — Subsurface Gasoline or Oil Tank — Waste Pond or Land Disposal Unit (Specify Type) — Manure Storage Basin — Concrete Floor Only — Concrete Floor and Partial Concrete Walls — Other (Describe) —

5. Wells intended to supply water for: Private home

6. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	Kind	From (ft.)	To (ft.)
<u>10</u>	<u>Surface</u>	<u>66</u>				<u>Sand</u>	<u>Surface</u>	<u>5</u>
<u>6</u>	<u>66</u>	<u>163</u>				<u>Clay</u>	<u>5</u>	<u>58</u>
						<u>Hardpan</u>	<u>58</u>	<u>66</u>

7. CASING, LINER, CURBING AND SCREEN

Dia. (in.)	Material, Weight, Specification	From (ft.)	To (ft.)	Material, Weight, Specification	From (ft.)	To (ft.)
<u>6</u>	<u>New 61.561</u>	<u>Surface</u>	<u>66</u>	<u>Limestone</u>	<u>66</u>	<u>155</u>
	<u>Fl. end welded</u>			<u>Sandstone</u>	<u>155</u>	<u>162</u>
	<u>Asm, Ass, GR.B.</u>			<u>Limestone</u>	<u>162</u>	<u>163</u>
	<u>12.97# 280</u>					
	<u>U.S. Steel</u>					

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
<u>Drill Slurry</u>	<u>Surface</u>	<u>9</u>
<u>Cement</u>	<u>9</u>	<u>25</u>
<u>Drill Slurry</u>	<u>25</u>	<u>66</u>

10. TYPE OF DRILLING MACHINE USED

Cable Tool  Rotary-hammer w/drilling mud & air  Jetting with  Air  Water

Rotary-air w/drilling mud  Rotary-hammer & air

Rotary-w/drilling mud  Reverse Rotary

Well construction completed on 1-21-83

Well is terminated 14 inches  above final grade  below

Well disinfected upon completion  Yes  No

Well sealed watertight upon completion  Yes  No

11. MISCELLANEOUS DATA

Yield Test: 2 Hrs. at 9 GPM

Depth from surface to normal water level 60 Ft.

Depth of water level when pumping 120 Ft. Stabilized  Yes  No

Water sample sent to Novi-Town-Dair-lab laboratory on 2-22-83

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature Bice Lande Yacht Registered Well Driller

Business Name and Complete Mailing Address Van Dyke Bros. Well Drilling  
3383 Oak Forest Drive  
Green Bay, Wis. 54303

WELL CONSTRUCTOR'S REPORT

WISCONSIN STATE BOARD OF HEALTH

RECEIVED Wel 6

1. COUNTY Brown CHECK ONE  Town  Village  City NAME Hobart

2. LOCATION (Number and Street or 1/4 section, section, township and range Also give subdivision name, lot and block numbers when available.) NE 1/4 Section 15 Township 23-N Range 19-E

3. OWNER AT TIME OF DRILLING Norbert Lemmen

4. OWNER'S COMPLETE MAIL ADDRESS R.R. # 2 West De Pere, Wis.

JUN 21 1965  
SANITARY ENGINEERING

5. Distance in feet from well to nearest: (Record answer in appropriate block)

BUILDING C. I.	SANITARY SEWER TILE	FLOOR DRAIN C. I.	TILE	FOUNDATION DRAIN SEWER CONNECTED	INDEPENDENT	WASTE WATER DRAIN C. I.	TILE
6							

CLEAR WATER DRAIN C. I.	TILE	SEPTIC TANK	PRIVY	SEEPAGE PIT	ABSORPTION FIELD	BARN	SILO	ABANDONED WELL	SINK HOLE
		150				100	150	10	

OTHER POLLUTION SOURCES (Give description such as dump, quarry, drainage well, stream, pond, lake, etc)

6. Well is intended to supply water for: Home and Farm

7. DRILLHOLE						10. FORMATIONS			
Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	Kind	From (ft.)	To (ft.)	
10	Surface	20				Clay	Surface	47	
6	20	226				Limestone	47	220	
						Sandstone	220	226	

8. CASING, LINER, CURBING, AND SCREEN			
Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel 19.45 lbs/ft.	Surface	47

9. GROUT OR OTHER SEALING MATERIAL		
Kind	From (ft.)	To (ft.)
Reddled Clay	Surface	47

11. MISCELLANEOUS DATA  
Well construction completed on May 7 1965

Yield test: 5 Hrs. at 14 GPM  
Well is terminated 12 inches  above  below final grade

Depth from surface to normal water level 45 ft. Well disinfected upon completion  Yes  No


Depth to water level when pumping 65 ft. Well sealed watertight upon completion  Yes  No

Water sample sent to Madison laboratory on: June 16 1965

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, sub-surface pumphooms, access pits, etc., should be given on reverse side.

SIGNATURE Malcolm Veitch COMPLETE MAIL ADDRESS Malcolm Veitch  
Registered Well Driller Well Drilling Contractor  
135 WEST HICKORY STREET  
Seymour, Wisc.

Please do not write in space below

COLIFORM TEST RESULT	GAS - 24 HRS	GAS - 48 HRS	CONFIRMED	REMARKS
				

State of Wisconsin  
 Department of Natural Resources SEP 21 1979  
 Box 7921  
 Madison, Wisconsin 53707

NOTE:  
 White Copy - Division's Copy  
 Green Copy - Driller's Copy  
 Yellow Copy - Owner's Copy

WELL CONSTRUCTOR'S REPORT  
 Form 3300-15 Rev. 12-76

1. COUNTY Ooutagamie CHECK (✓) ONE:  Town  Village  City Name Onsted

2. LOCATION NE-NE Section 16 ✓ Township 23-N Range 19-E 3. NAME  OWNER  AGENT AT TIME OF DRILLING CHECK (✓) ONE Louis Don

OR - Grid or Street No. Street Name ADDRESS Route 4

AND - If available subdivision name, lot & block No. POST OFFICE Onsted

4. Distance in feet from well to nearest: (Record answer in appropriate block)

Building	Sanitary Bldg. Drain	Sanitary Bldg. Sewer	Floor Drain Connected To:	Storm Bldg. Drain	Storm Bldg. Sewer
<u>20</u>	C.I. Other	C.I. Other	C.I. Sewer Other Sewer	C.I. Other	C.I. Other

Street Sewer Other Sewers Foundation Drain Connected to Sewage Sump Clearwater Septic Holding Sewage Absorption Unit

San.	Storm	C.I.	Other	Sewer	Sewage Sump	C.I.	Other	Clearwater Sump	Septic Tank	Holding Tank	Sewage Absorption Unit
				Clearwater Dr.	Clearwater Sump			<u>90</u>	<u>50</u>		Seepage Pit
											Seepage Bed
											Seepage Trench <u>75</u>

Privy Pet Waste Pit Pit: Nonconforming Existing Subsurface Pumphouse Nonconforming Existing Bars Gutter Animal Barn Pen Animal Yard Silo With Pit Glass Lined Storage Facility Silo w/o Pit Earthen Silage Storage Trench Or Pit

Temporary Manure Stack Watertight Liquid Manure Tank Solid Manure Storage Structure Subsurface Gasoline or Oil Tank Waste Pond or Land Disposal Unit (Specify Type) Other (Give Description)

5. Well is intended to supply water for: Home

6. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	Kind	From (ft.)	To (ft.)
<u>1 1/2</u>	Surface	<u>40</u>				<u>sand</u>	Surface	<u>30</u>
<u>6</u>	<u>40</u>	<u>135</u>				<u>gravel</u>	<u>30</u>	<u>40</u>
						<u>clay</u>	<u>40</u>	<u>60</u>
						<u>gravel</u>	<u>60</u>	<u>94</u>
						<u>limestone</u>	<u>94</u>	<u>115</u>
						<u>sandstone</u>	<u>115</u>	<u>135</u>

7. CASING, LINER, CURBING AND SCREEN

Dia. (in.)	Material, Weight, Specification & Method of Assembly	From (ft.)	To (ft.)
<u>6</u>	<u>United States Steel</u>	Surface	<u>94</u>
	<u>P.E. 10. Ppfl.</u>		
	<u>Black-Pew</u>		
	<u>A-17 M-A-53</u>		

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
<u>Cement</u>	Surface	<u>4 1/2</u>

10. TYPE OF DRILLING MACHINE USED

Cable Tool  Rotary-hammer w/drilling mud & air  Jetting with

Rotary-air w/drilling mud  Rotary-hammer & air  Air

Rotary-w/drilling mud  Reverse Rotary  Water

11. MISCELLANEOUS DATA

Yield Test: 1 Hrs. at 15 GPM

Depth from surface to normal water level 63 Ft.

Depth of water level when pumping 85 Ft. Stabilized  Yes  No

Well construction completed on Aug 23 1979

Well is terminated 18 inches  above  below final grade

Well disinfected upon completion  Yes  No

Well sealed watertight upon completion  Yes  No

Water sample sent to Madison Division laboratory on Aug 27 1979

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature 6135 Alvin R. Steff Registered Well Driller Complete Mail Address 213 Oak Street Superior Wis

State of Wisconsin  
 Department of Natural Resources  
 Box 7921  
 Madison, Wisconsin 53707

NOTE:

White Copy - Division's Copy  
 Green Copy - Driller's Copy  
 Yellow Copy - Owner's Copy

FEB 23 1978

CONSTRUCTOR'S REPORT  
 Form 3300-15  
 Rev. 12-76

1. COUNTY <u>Outagamie</u>		CHECK (✓) ONE: <input checked="" type="checkbox"/> Town <input type="checkbox"/> Village <input type="checkbox"/> City		Name <u>Opzida, W. J.</u>				
2. LOCATION OR - Grid or Street No. <u>NE 16.23N 19E</u> Street Name <u>U</u>		Township <u>19E</u> Range <u>19E</u>		3. NAME <input checked="" type="checkbox"/> OWNER <input type="checkbox"/> AGENT AT TIME OF DRILLING CHECK (1) ONE <u>Louis Strong</u>				
AND - If available subdivision name, lot & block No.		ADDRESS <u>R. 1</u> POST OFFICE <u>Opzida, WI</u>						
4. Distance in feet from well to nearest: (Record answer in appropriate block)	Building	Sanitary Bldg. Drain	Sanitary Bldg. Sewer	Floor Drain Connected To:	Storm Bldg. Drain	Storm Bldg. Sewer		
	<u>14</u>	C.I. Other	C.I. Other	C.I. Sewer Other Sewer	C.I. Other	C.I. Other		
Street Sewer	Other Sewers	Foundation Drain	Connected to:	Sewage Sump	Clearwater Sump	Septic Tank	Holding Tank	Sewage Absorption Unit
San. Storm C.I. Other	C.I. Other	Sewer Clearwater Dr.	Sewage Sump Clearwater Sump	C.I. Other				Seepage Pit Seepage Bed Seepage Trench
Privy	Pit: Nonconforming Existing Well Pump Tank	Subsurface Pump Nonconforming Existing	Barn Gutter	Animal Barn Pen	Animal Yard	Silo With Pit	Glass Lined Storage Facility	Silo w/o Pit Earthen Silage Storage Trench Or Pit
Temporary Manure Stack	Watertight Liquid Manure Tank	Solid Manure Storage Structure	Subsurface Gasoline or Oil Tank	Waste Pond or Land Disposal Unit (Specify Type)	Other (Give Description)			
5. Well is intended to supply water for: <u>Private home</u>				6. DRILLHOLE				
Dia. (in.) From (ft.) To (ft.)				Kind From (ft.) To (ft.)				
<u>10 Surface 25 6 86 104</u>				<u>Clay Surface 80</u>				
<u>9 25 86</u>				<u>Gravel 80 86</u>				
				<u>Limestone 86 104</u>				
7. CASING, LINER, CURBING AND SCREEN								
Dia. (in.)		Material, Weight, Specification & Method of Assembly		From (ft.)	To (ft.)			
<u>6</u>		<u>New 61.5 ft. pipe welded ASTM, A53, GR B Jul 18, 1976</u>		<u>Surface</u>	<u>86</u>			
8. GROUT OR OTHER SEALING MATERIAL								
Kind		From (ft.)	To (ft.)					
<u>Cement</u>		<u>Surface</u>	<u>25</u>					
<u>Drilling mud</u>		<u>25</u>	<u>86</u>					
10. TYPE OF DRILLING MACHINE USED								
<input type="checkbox"/> Cable Tool		<input checked="" type="checkbox"/> Rotary-hammer w/drilling mud & air		<input type="checkbox"/> Jetting with				
<input type="checkbox"/> Rotary-air w/drilling mud		<input type="checkbox"/> Rotary-hammer & air		<input type="checkbox"/> Air				
<input type="checkbox"/> Rotary-w/drilling mud		<input type="checkbox"/> Reverse Rotary		<input type="checkbox"/> Water				
11. MISCELLANEOUS DATA								
Yield Test: <u>2</u>		Hrs. at <u>10</u> GPM		Well construction completed on <u>10/12</u> 1977				
Depth from surface to normal water level <u>20</u> Ft.		Well is terminated <u>14</u> inches		<input checked="" type="checkbox"/> above final grade <input type="checkbox"/> below				
Depth of water level when pumping <u>80</u> Ft.		Stabilized <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Water sample sent to <u>Madison</u> laboratory on <u>10/19</u> 1977		Well sealed watertight upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.								
Signature <u>6133 Paul van De Wacht</u> Registered Well Driller				Company Name <u>Van De Wacht Bros. Well Drilling</u> 2937 Shawano Avenue Green Bay, Wisconsin 54304				



WELL CONSTRUCTOR'S REPORT  
FORM 3300-1b

NOTE SEP 16 1974

STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
Box 450  
Madison, Wisconsin 53701

WHITE COPY - DIVISION'S COPY  
GREEN COPY - DRILLER'S COPY  
YELLOW COPY - OWNER'S COPY

1. COUNTY Ooutigamie CHECK ONE  Town  Village  City NAME Oueda

2. LOCATION - 1/2 Section 52 Section 16 Township 23N Range 19E 3. OWNER AT TIME OF DRILLING Pat Metoxen  
OR - Grid or street no. Street name U ADDRESS R.4

AND - If available subdivision name, lot & block no. POST OFFICE Deperes

4. Distance in feet from well to nearest: BUILDING SANITARY SEWER FLOOR DRAIN FOUNDATION DRAIN WASTE WATER DRAIN  
(Record answer in appropriate block) 315 C. I. TILE C. I. TILE SEWER CONNECTED INDEPENDENT C. I. TILE

CLEAR WATER DRAIN SEPTIC TANK PRIVY SEEPAGE PIT ABSORPTION FIELD BARN SILO ABANDONED WELL SINK HOLE  
C. I. TILE 21 52 60

OTHER POLLUTION SOURCES (Give description such as dump, quarry, drainage well, stream, pond, lake, etc.)  
NONE

5. Well is intended to supply water for: Mobile home

6. DRILLHOLE			9. FORMATIONS		
Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	Surface	20	6	82	102
9	20	82			

Kind: clay  
concrete  
limestone

7. CASING, LINER, CURBING, AND SCREEN

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	<u>new 6" stl. p/and welded 1974</u>	Surface	82

8. GROUT OR OTHER SEALING MATERIAL Kind Drilling mud From (ft.) Surface To (ft.) 82

10. TYPE OF DRILLING MACHINE USED  
 Cable Tool  Direct Rotary  Reverse Rotary  
 Rotary - air w/drilling mud  Rotary - hammer with drilling mud & air  Jetting with  Air  Water

Well construction completed on 9/12 1974

11. MISCELLANEOUS DATA  
 Yield test: 2 Hrs. at 30 GPM  
 Well is terminated 12 inches  above  below final grade  
 Depth from surface to normal water level 20 ft. Well disinfected upon completion  Yes  No  
 Depth to water level when pumping 25 ft. Well sealed watertight upon completion  Yes  No

Water sample sent to Madison laboratory on: 9/16 1974

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, sub-surface pumphrooms, access pits, etc., should be given on reverse side.

SIGNATURE Van De Yacht Bros. Well Drilling  
6122 Leola Registered Well Driller  
 COMPANY NAME ADDRESS  
2937 Shawano Avenue  
Green Bay, Wisconsin 54304

COLIFORM TEST RESULT Please do not write in space below  
 GAS - 24 HRS. GAS - 48 HRS. CONFIRMED REMARKS

State of Wisconsin  
 Department of Natural Resources  
 Private Water Supply  
 Box 7921  
 Madison, Wisconsin 53707

NOTE:  
 White Copy - Division's Copy  
 Green Copy - Driller's Copy  
 Yellow Copy - Owner's Copy

WELL CONSTRUCTOR'S REPORT  
 Form 3300-15  
 Rev. 5-85

SEP 18 1986

1. COUNTY Ontonagon CHECK (✓) ONE:  Town  Village  City Name East Central Oneida Oneida

2. LOCATION SE of SE Section 16 Township 23-N Range 19-E 3. NAME  OWNER  AGENT AT TIME OF DRILLING CHECK (✓) ONE  
 OR - Grid or Street No. Street or Road Name ADDRESS Jim Swartz  
144 Cook Rd  
 AND -- If available subdivision name, lot & block No. POST OFFICE Depue, Wisconsin 59115 ZIP CODE 59115

4. Distance in feet from well to nearest: (Record answer in appropriate block)

Building	Sanitary Bldg. Drain	Sanitary Bldg. Sewer	Floor Drain Connected To:	Storm Bldg. Drain	Storm Bldg. Sewer
<u>40</u>	C.I. Other	C.I. Other	C.I. Sewer Other Sewer	C.I. Other	C.I. Other

Street Sewer Other Sewers Foundation Drain Connected to: Sewage Sump Clearwater Sump Septic Tank Holding Tank Sewage Absorption Unit Manure Hopper or Retention or Pneumatic Tank

San. Storm C.I. Other	Sewer	Sewage Sump	C.I. Other	Clearwater Sump	Septic Tank	Holding Tank	Sewage Absorption Unit	Manure Hopper or Retention or Pneumatic Tank
	Clearwater Dr.	Clearwater Sump		<u>40</u>	<u>50</u>		Seepage Pit Seepage Bed <u>75</u> Seepage Trench	

Privy Pit: Nonconforming Existing Well Pump Tank Subsurface Pumproom Nonconforming Existing Barn Gutter Animal Barn Pen Animal Yard Silo With Pit Glass Lined Storage Facility Silo w/o Pit Earthen Silage Storage Trench Or Pit Earthen Manure Basin

Temporary Manure Stack or Platform Watertight Liquid Manure Tank or Basin Manure Pressure Pipe Subsurface Gasoline or Oil Tank Waste Pond or Land Disposal Unit (Specify Type) Manure Storage Basin Concrete Floor Only Concrete Floor and Partial Concrete Walls Other (Describe)

5. Well is intended to supply water for: Home

6. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	Kind	From (ft.)	To (ft.)
<u>8 3/4</u>	Surface	<u>51</u>				<u>sand</u>	Surface	<u>40</u>
<u>6</u>	<u>51</u>	<u>143</u>				<u>gravel</u>	<u>40</u>	<u>51</u>
						<u>limestone</u>	<u>51</u>	<u>143</u>

7. CASING, LINER, CURBING AND SCREEN

Dia. (in.)	Material, Weight, Specification	From (ft.)	To (ft.)
<u>6</u>	<u>ERW</u>	Surface	<u>51</u>
	<u>P.E. 18.93</u>		
	<u>Black - Row</u>		
	<u>ASTM - A-120</u>		
	<u>Madison Oneida</u>		

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
<u>clay slurry</u>	Surface	<u>51</u>

10. TYPE OF DRILLING MACHINE USED

Cable Tool  Rotary-hammer w/drilling mud & air  Jetting with

Rotary-air w/drilling mud  Rotary-hammer & air  Air

Rotary-w/drilling mud  Reverse Rotary  Water

Well construction completed on Sept. 11 1986

11. MISCELLANEOUS DATA

Yield Test: 1 Hrs. at 15 GPM Well is terminated 18 inches  above final grade  below

Depth from surface to normal water level 52 Ft. Well disinfected upon completion  Yes  No

Depth of water level when pumping 70 Ft. Stabilized  Yes  No Well sealed watertight upon completion  Yes  No

Water sample sent to Madison Wisconsin laboratory on Sept 17 1986

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature Jerome Redliff Registered Well Driller Business Name and Complete Mailing Address Redliff Well Drilling Co. Lufkinburg, Wisconsin 59117

WELL CONSTRUCTOR'S REPORT  
FORM 3300-15

APR 17 1975 **BN-1009-U**

STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
Box 450  
Madison, Wisconsin 53701

**NOTE**  
WHITE COPY - DIVISION'S COPY  
GREEN COPY - DRILLER'S COPY  
YELLOW COPY - OWNER'S COPY

1. COUNTY **Brown** CHECK ONE  Town  Village  City **Hobart** NAME

2 LOCATION - 1/4 Section Section Township Range 3 OWNER AT TIME OF DRILLING  
 SE  SW  SE  NE 15 23N 19E **Robert Goffard**

OR - Grid or street no Street name ADDRESS  
 RR 4

AND - If available subdivision name, lot & block no POST OFFICE  
 DePere, Wis. 54115

4. Distance in feet from well to nearest: BUILDING SANITARY SEWER FLOOR DRAIN FOUNDATION DRAIN WASTE WATER DRAIN  
 (Record answer in appropriate block) 12 C I. TILE 20 C I. TILE SEWER CONNECTED INDEPENDENT C I. TILE

CLEAR WATER DRAIN SEPTIC TANK PRIVY SEEPAGE PIT ABSORPTION FIELD BARN SILO ABANDONED WELL SINK HOLE  
 C. I. TILE 62 75 110 125

OTHER POLLUTION SOURCES (Give description such as dump, quarry, drainage well, stream, pond, lake, etc)

5 Well is intended to supply water for: **Farm**

6. DRILLHOLE						9. FORMATIONS			
Dia (in)	From (ft)	To (ft)	Dia (in)	From (ft)	To (ft)	Kind	From (ft)	To (ft)	
9 3/4	Surface	41				Band	Surface	9	
6	41	200				Red Clay	9	34	
7. CASING, LINER, CURBING, AND SCREEN						Hardpan	34	37	
Dia (in)	Kind and Weight		From (ft)	To (ft)		Limestone	37	141	
6	New Black Steel		Surface	41		Sandstone	141	148	
	PE 18.97# per ft. A 53 Grade B					Limestone	148	167	
						Sandstone	167	178	
						Limestone	178	200	

8. GROUT OR OTHER SEALING MATERIAL Kind From (ft) To (ft)  
 Neat Cement Surface 41

10 TYPE OF DRILLING MACHINE USED  
 Cable Tool  Direct Rotary  Reverse Rotary  
 Rotary - air w/drilling mud  Rotary - hammer with drilling mud & air  Jetting with Air  Water

Well construction completed on **April 1 1975**

11 MISCELLANEOUS DATA  
 Yield test: 24 Hrs. at 20 GPM Well is terminated 10 inches  above  below final grade

Depth from surface to normal water level 75 ft. Well disinfected upon completion  Yes  No

Depth to water level when pumping 140 ft. Well sealed watertight upon completion  Yes  No

Water sample sent to **Madison** laboratory on: **April 2 1975**

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, sub-surface pumprooms, access pits, etc., should be given on reverse side

SIGNATURE *Malcolm Verteb* Registered Well Driller COMPLETE MAIL ADDRESS **135 W. Hickory St., Seymour, Wis.**

Please do not write in space below

GAS - 24 HRS.	GAS - 48 HRS.	CONFIRMED	REMARKS
---------------	---------------	-----------	---------



State of Wisconsin  
Department of Natural Resources  
Private Water Supply  
Box 7921  
Madison, Wisconsin 53707

NOTE:  
White Copy - Division's Copy  
Green Copy - Driller's Copy  
Yellow Copy - Owner's Copy

WELL CONSTRUCTOR'S REPORT  
Form 3300-15  
Rev. 2-79

JUL 22 1985

COUNTY Shawano CHECK (A) ONE:  Town  Village  City Name Hubert

2. LOCATION NW 22231 Section Township Range 3. NAME Hubert OWNER SMITS AGENT AT TIME OF DRILLING CHECK (A) ONE

OR Grid or Street No. Street or Road Name Frederick DR. ADDRESS 2.4 POST OFFICE 2.4 ZIP CODE 54980

AND - If available subdivision name, lot & block No.

4. Distance in feet from well to nearest: (Record answer in appropriate block)

Building	Sanitary Bldg. Drain	Sanitary Bldg. Sewer	Basement Floor Drain	Storm Bldg. Drain	Storm Bldg. Sewer
40	C.I. Other	C.I. Other	C.I. Sewer Other Sewer	C.I. Other	C.I. Other

Street Sewer Other Sewers Foundation Drain Connected to Sewage Sump Clearwater Sump Septic Tank Holding Tank Sewage Absorption Unit Manure Hopper or Retention or Pneumatic Tank

5. Well is intended to supply water for: Private home

6. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
9	Surface	41			
6	41	141			

7. CASING, LINER, CURBING AND SCREEN

Dia. (in.)	Material, Weight, Specification	From (ft.)	To (ft.)
6	Non-ferrous Flange welded ASM, A120	Surface	42

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
Neat cement	Surface	41

9. FORMATIONS

Kind	From (ft.)	To (ft.)
clay	Surface	15
Limestone	15	141

10. TYPE OF DRILLING MACHINE USED

Cable Tool  Rotary hammer w/drilling mud & air  Jetting with

Rotary-air w/drilling mud  Rotary-hammer & air  Air

Rotary-w/drilling mud  Reverse Rotary  Water

11. MISCELLANEOUS DATA

Yield Test: 2 Hrs. at 8 GPM Well construction completed on 6-26-85

Depth from surface to normal water level: 80 Ft. Well is terminated 12 inches  above  below final grade

Depth of water level when pumping: 120 Ft. Well disinfected upon completion  Yes  No

Water sample sent to Green Bay laboratory on 7-25-85

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature: Joseph DeLoraine Registered Well Driller Business Name and Complete Mailing Address: Van Dyke Bros. Well Drilling  
3383 Oak Forest Drive  
Green Bay, WI 54303

6N 434

STATE OF WISCONSIN  
**WELL CONSTRUCTOR'S REPORT** **DEPARTMENT OF RESOURCE DEVELOPMENT** Wel 6

1. COUNTY Brown CHECK ONE  Town  Village  City NAME Hobart

2. LOCATION (Number and Street or 1/4 section, section, township and range. Also give subdivision name, lot and block numbers when available)  
N.E. 1/4 of Sec. 15 Twp 23N Rng 19E.

3. OWNER AT TIME OF DRILLING  
Leon Ferron

4. OWNER'S COMPLETE MAIL ADDRESS  
B. 2 West De Pere, Wis.

5. Distance in feet from well to nearest: (Record answer in appropriate block)

BUILDING C. I.	SANITARY C. I.	SEWER TILE	FLOOR DRAIN C. I.	FLOOR DRAIN TILE	FOUNDATION DRAIN SEWER CONNECTED	FOUNDATION DRAIN INDEPENDENT	WASTE WATER DRAIN C. I.	WASTE WATER DRAIN TILE
11	30	-	31	-	-	30	-	-

CLEAR WATER DRAIN C. I.	CLEAR WATER DRAIN TILE	SEPTIC TANK	PRIVY	SEEPAGE PIT	ABSORPTION FIELD	BARN	SILO	ABANDONED WELL	SINK HOLE
-	20	50	-	-	51	-	-	-	-

OTHER POLLUTION SOURCES (Give description such as dump, quarry, drainage well, stream, pond, lake, etc.)  
None

6. Well is intended to supply water for:  
Private home

7. DRILLHOLE						10. FORMATIONS			
Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	Kind	From (ft.)	To (ft.)	
10	Surface	20	6	65	81	sand	Surface	20	
9	20	65				clay	20	60	

8. CASING, LINER, CURBING, AND SCREEN			
Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
7	New Black steel pipe thread & coupled 33 lbs per ft.	Surface	65

9. GROUT OR OTHER SEALING MATERIAL			
Kind	From (ft.)	To (ft.)	
drilling mud	Surface	65	

11. MISCELLANEOUS DATA

Well construction completed on 4-7 1969

Yield test: 2 Hrs. at 20 GPM Well is terminated 10 inches  above  below final grade

Depth from surface to normal water level 30 ft. Well disinfected upon completion  Yes  No

Depth to water level when pumping 40 ft. Well sealed watertight upon completion  Yes  No

Water sample sent to Madison laboratory on: 4-8 1969

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, sub-surface pumprooms, access pits, etc., should be given on reverse side.

SIGNATURE Bill Van de Yacht Registered Well Driller COMPLETE MAIL ADDRESS VAN DE YACHT BROS. WELL DRILLING  
1332 MAYWOOD AVENUE  
GREEN BAY, WISCONSIN 54303

Please do not write in space below

GAS - 24 HRS.	GAS - 48 HRS.	CONFIRMED	REMARKS
<b>SEE OTHER SIDE</b>			



WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH  
See Instructions on Reverse Side

1. County Brown } Town  Hobart  
 Village   
 City  Check one and give name
2. Location NE 1/4 of the SE 1/4 Sec 15 T23N R19E  
 Name of street and number of premise or Section, Town and Range numbers
3. Owner  or Agent  Ben Webster, R. 2 West De Pere  
 Name of individual partnership or firm
4. Mail Address R. 2 West De Pere  
 Complete address required mobile Living
5. From well to nearest: Building 6 ft; sewer \_\_\_\_\_ ft; drain 20 ft; septic tank 65 ft;  
 dry well or filter bed \_\_\_\_\_ ft; abandoned well \_\_\_\_\_ ft.
6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	20			
6	20	95			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel 19.45	0	45

9. GROUT:

Kind	From (ft.)	To (ft.)
Puddled clay	0	45

11. MISCELLANEOUS DATA:

Yield test: 2 Hrs. at 10 GPM.

Depth from surface to water-level: 31 ft.

Water-level when pumping: 35 ft.

Water sample was sent to the state laboratory at:

Chis in St. on May 6 1959  
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	42
Gravel	42	45
Summerton	45	95

RECEIVED

MAY 18 1959

ENVIRONMENTAL  
SANITATION

Construction of the well was completed on:

April 14 1959

The well is terminated 8 inches

above, below  the permanent ground surface.

Was the well disinfected upon completion?

Yes  No

Was the well sealed watertight upon completion?

Yes  No

Signature Ray Gleason 1169  
Registered Well Driller

Please do not write in space below

PINE ST Green Bay Wis  
Complete Mail Address

Rec'd MAY 7 - 1959 No. 11470

Ans'd \_\_\_\_\_

Interpretation SAFE

10 ml 10 ml 10 ml 10 ml 10 ml

Gas—24 hrs. \_\_\_\_\_

48 hrs. \_\_\_\_\_

Confirm \_\_\_\_\_

B. Coll 0

Examiner \_\_\_\_\_



State of Wisconsin  
Department of Natural Resources  
Box 7921  
Madison, Wisconsin 53707

OCT 5 1977

NOTE:

- White Copy - Division's Copy
- Green Copy - Driller's Copy
- Yellow Copy - Owner's Copy

WELL CONSTRUCTOR'S REPORT  
Form 3300-15  
Rev 12-76

COUNTY BROWN CHECK (✓) ONE  
 Town  Village  City Name Hobart  
 2. LOCATION SW Section 10 Township T23N Range R19E NAME  OWNER  AGENT AT TIME OF DRILLING CHECK (✓) ONE  
 OR - Grid or Street No Street Name U ADDRESS Alberts Builders  
U T23N ADDRESS R.1  
 AND - If available subdivision name, lot & block No POST OFFICE Oneida Wis

4 Distance in feet from well to nearest: (Record answer in appropriate block)

Building	Sanitary Bldg. Drain	Sanitary Bldg. Sewer	Floor Drain Connected To	Storm Bldg. Drain	Storm Bldg. Sewer
<u>15</u>	C.I. Other	C.I. Other	C.I. Sewer Other Sewer	C.I. Other	C.I. Other
		<u>46</u>			

Street Sewer: San Storm C.I. Other  
 Other Sewers: Foundation Drain Connected to Sewage Sump Clearwater Sump Septic Tank Holding Tank Sewage Absorption Unit  
 San Storm C.I. Other Sewer Clearwater Dr. Clearwater Sump C.I. Other C.I. Other  
 Sewage Sump 41 Clearwater Sump 43 Seepage Pit 56 Seepage Bed Seepage Trench

Privy: Pet Waste Pit Pit Nonconforming Existing Well Pump Tank Subsurface Pumproom Nonconforming Existing Burn Gutter Animal Barn Pen Animal Yard Silo With Pit Glass Lined Storage Facility Silo w/o Pit Earthen Silage Storage Trench Or Pit

Temporary Manure Stack Watertight Liquid Manure Tank Solid Manure Storage Structure Subsurface Gasoline or Oil Tank Waste Pond or Land Disposal Unit (Specify Type) Other (Give Description)

5 Well is intended to supply water for: Private home

6. DRILLHOLE

Dia (in)	From (ft)	To (ft)	Dia (in)	From (ft)	To (ft)	Kind	From (ft.)	To (ft.)
<u>90</u>	Surface	<u>106</u>				<u>Sand</u>	Surface	<u>10</u>
<u>6</u>	<u>106</u>	<u>143</u>				<u>clay</u>	<u>10</u>	<u>90</u>
						<u>GRAVEL</u>	<u>90</u>	<u>106</u>
						<u>LIMESTONE</u>	<u>106</u>	<u>126</u>
						<u>Sandstone</u>	<u>126</u>	<u>133</u>
						<u>LIMESTONE</u>	<u>133</u>	<u>143</u>

7. CASING, LINER, CURBING AND SCREEN  
 Material, Weight, Specification & Method of Assembly  

Dia (in)	From (ft.)	To (ft.)	Material, Weight, Specification & Method of Assembly
<u>6</u>	Surface	<u>106</u>	<u>new 6" gal. steel pipe welded</u>
			<u>Jal ASTM, A53</u>
			<u>CR. 3/8" x 7/8"</u>

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft)	To (ft)
<u>Drilling mud</u>	Surface	<u>106</u>

10 TYPE OF DRILLING MACHINE USED  
 Cable Tool  Rotary-hammer w/drilling mud & air  Jetting with  Air  Water  
 Rotary-air w/drilling mud  Rotary-hammer & air  Reverse Rotary  
 Rotary-w/drilling mud

11 MISCELLANEOUS DATA

Yield Test: 2 Hrs. at 12 GPM Well construction completed on 9/28 1977  
 Depth from surface to normal water level 50 Ft. Well is terminated 14 inches  above  below final grade  
 Depth of water level when pumping 110 Ft. Well disinfected upon completion  Yes  No  
 Well sealed watertight upon completion  Yes  No

Water sample sent to Madison laboratory on 10/5 1977

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature Bill W. Yacht Registered Well Driller  
 Complete Mfr. Address Van De Yacht Bros. Well Drilling  
2937 Shawano Avenue  
Green Bay, Wisconsin 54304

BN 3236

WELL CONSTRUCTOR'S REPORT

WISCONSIN STATE BOARD OF HEALTH

1. COUNTY Brown CHECK ONE  Town  Village  City NAME Shobart

2. LOCATION (Number and Street of 1/4 section, section, township and range. Also give subdivision name, lot and block numbers when available.) N.W. 1/4 of S.W. 1/4 Sec. 15 Twp. 23N Rng. 19E.

3. OWNER AT TIME OF DRILLING Donald Smith

4. OWNER'S COMPLETE MAIL ADDRESS B. 2 West De Pere

5. Distance in feet from well to nearest: (Record answer in appropriate block)		BUILDING C. I.	SANITARY TILE	SEWER TILE	FLOOR DRAIN C. I.	FOUNDATION DRAIN C. I.	SEWER CONNECTED	INDEPENDENT	WASTE WATER DRAIN C. I.	TILE
		11	30	-	30	-	-	30	-	-
CLEAR WATER DRAIN C. I.	TILE	SEPTIC TANK	PRIVY	SEEPAGE PIT	ABSORPTION FIELD	BARN	SILLO	ABANDONED WELL	SINK HOLE	
-	15	50	-	-	51	-	-	-	-	-

OTHER POLLUTION SOURCES (Give description such as dump, quarry, drainage well, stream, pond, lake, etc.) None

6. Well is intended to supply water for: Private Home

7. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	10. FORMATIONS Kind	From (ft.)	To (ft.)
<u>10</u>	<u>Surface</u>	<u>20</u>	<u>6</u>	<u>76</u>	<u>86</u>	<u>Clay</u>	<u>Surface</u>	<u>70</u>
<u>9</u>	<u>20</u>	<u>76</u>				<u>gravel</u>	<u>70</u>	<u>76</u>
						<u>limestone</u>	<u>76</u>	<u>86</u>

8. CASING, LINER, CURBING, AND SCREEN

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
<u>6</u>	<u>Black steel pipe 19.45 lbs per ft. thread &amp; coupled</u>	<u>Surface</u>	<u>76</u>

9. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
<u>Drilling mud</u>	<u>Surface</u>	<u>76</u>

11. MISCELLANEOUS DATA

Well construction completed on July 19 1967  
 Well is terminated 10 inches  above  below final grade  
 Well disinfected upon completion  Yes  No  
 Well sealed watertight upon completion  Yes  No  
 Yield test: 2 Hrs. at 20 GPM  
 Depth from surface to normal water level 20 ft.  
 Depth to water level when pumping 20 ft.  
 Water sample sent to Madison laboratory on: July 20 1967

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, sub-surface pumprooms, access pits, etc., should be given on reverse side.

SIGNATURE Bill Van Repecht Registered Well Driller COMPLETE MAIL ADDRESS **VAN DE YACHT BROS. WELL DRILLING**  
**1332 MAYWOOD AVENUE**  
**GREEN BAY, WISCONSIN 54303**

Please do not write in space below

COLIFORM TEST RESULT	GAS - 24 HRS.	GAS - 48 HRS.	CONFIRMED	REMARKS
				

SEE OTHER SIDE



NOTE:

White Copy - Division's Copy  
 Green Copy - Driller's Copy  
 Yellow Copy - Owner's Copy

WELL CONSTRUCTOR'S REPORT  
 Form 3300-15  
 Rev. 2-79

APR 2 1984

COUNTY Waushara CHECK (✓) ONE:  Town  Village  City Name Hobart (S)

2. LOCATION 1223 W 93 Section 15 Township 6 Range 30 3. NAME Ken Gottard OWNER  AGENT AT TIME OF DRILLING CHECK (✓) ONE

OR - Grid or Street No. S 1/2 S 1/2 Section 15 Street or Road Name 6 ADDRESS R. 4

AND - If available subdivision name, lot & block No. Indian Claim 81 POST OFFICE DEARBORN ZIP CODE 53001

4. Distance in feet from well to nearest: (Record answer in appropriate block)

Building	Sanitary Bldg. Drain	Sanitary Bldg. Sewer	Floor Drain Connected To:	Storm Bldg. Drain	Storm Bldg. Sewer
12	C.I. Other	C.I. Other	C.I. Sewer Other Sewer	C.I. Other	C.I. Other
		30			

5. Well is intended to supply water for: Private home

6. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	Kind	From (ft.)	To (ft.)
9	Surface	41				Clay	Surface	35
6	41	172				Gravel	35	41
						Limestone	41	160
						Sand	150	170

7. CASING, LINER, CURBING AND SCREEN

Dia. (in.)	Material, Weight, Specification	From (ft.)	To (ft.)
6	Green bl. sth. Plead welded 15M, 41 g. B. Hart 280 U.S.	Surface	42

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
Drill Slurry	Surface	41

9. FORMATIONS

10. TYPE OF DRILLING MACHINE USED

Cable Tool  Rotary-hammer w/drilling mud & air  Jetting with

Rotary-air w/drilling mud  Rotary-hammer & air  Air

Rotary-w/drilling mud  Reverse Rotary  Water

11. MISCELLANEOUS DATA

Well construction completed on 2-2-84

Yield Test: 2 Hrs. at 23 GPM Well is terminated 12 inches  above  below final grade

Depth from surface to normal water level 60 Ft. Well disinfected upon completion  Yes  No

Depth of water level when pumping 120 Ft. Stabilized  Yes  No Well sealed watertight upon completion  Yes  No

Water sample sent to Maxbauer-Dar. Lab. laboratory on 2-23-84

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature [Signature] Business Name and Address Van De Ven Bros. Well Drilling  
431 3383 Oak Forest Drive  
Green Bay, WI 54303

JAN 3 1980

State of Wisconsin  
Department of Natural Resources  
Box 7921  
Madison, Wisconsin 53707

NOTE:  
White Copy - Division's Copy  
Green Copy - Driller's Copy  
Yellow Copy - Owner's Copy

WELL CONSTRUCTOR'S REPORT  
Form 3300-15  
Rev 12-76

1. COUNTY Dane CHECK (✓) ONE  
 Town  Village  City Name Roberts

2. LOCATION SE 10 Township W19E Range T23N? NAME Bill Sawyer OWNER Bill Sawyer AGENT AT TIME OF DRILLING CHECK (✓) ONE  
 OR - Grid or Street No. Street Name ADDRESS R. 4  
 AND - If available subdivision name, lot & block No. POST OFFICE Deerfield

4. Distance in feet from well to nearest: (Record answer in appropriate blocks)

Sanitary Bldg Drain	Sanitary Bldg. Sewer	Floor Drain Connected To	Storm Bldg Drain	Storm Bldg Sewer
C.I. Other	C.I. Other	C.I. Sewer Other Sewer	C.I. Other	C.I. Other
14	56			

Street Sewer San Other Sewers C.I. Foundation Drain Connected to Sewer Sewage Sump Clearwater Sump Clearwater Sump Septic Tank Holding Tank 70 Sewage Absorption Unit Seepage Pit Seepage Bed Seepage Trench 50

Pit Pit Nonconforming Existing Subsurface Pumproom None Existing Barn Gutter Animal Barn Pen Animal Yard Silo With Pit Glass Lined Storage Facility Silo w/o Pit Earthen Silage Storage Trench Or Pit

Temporary Manure Stack Watertight Liquid Manure Tank Solid Manure Storage Structure Subsurface Gasoline or Oil Tank Waste Pond or Land Disposal Unit (Specify Type) Other (Give Description)

5. Wells intended to supply water for: Private Home

6. DRILLHOLE

Dia. (in.)	From (ft)	To (ft)	Dia. (in.)	From (ft)	To (ft)
10	Surface	20			
6	20	90			

9. FORMATIONS

Kind	From (ft)	To (ft)
clay	Surface	70
Gravel	20	79
Limestone	79	90

7. CASING, LINER, CURBING AND SCREEN

Dia. (in.)	Material, Weight, Specification & Method of Assembly	From (ft.)	To (ft.)
6	New 61.5" <u>Ac 12.45</u> <u>ASUM, 1153, G38</u> <u>Valley Stl</u>	Surface	79

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft)	To (ft)
<u>Puddled clay</u>	Surface	20

10. TYPE OF DRILLING MACHINE USED

Cable Tool  Rotary-hammer w/drilling mud & air  Jetting with

Rotary-air w/drilling mud  Rotary-hammer & air  Air

Rotary-w/drilling mud  Reverse Rotary  Water

11. MISCELLANEOUS DATA

Yield Test: 2 Hrs. at 20 GPM

Depth from surface to normal water level 30 Ft.

Depth of water level when pumping 70 Ft. Stabilized  Yes  No

Water sample sent to Madison laboratory on 12/19 1979

Well construction completed on 11/16 1979

Well is terminated 14 inches  above  below final grade

Well disinfected upon completion  Yes  No

Well sealed watertight upon completion  Yes  No

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature Bill Sawyer Complete Mail Address Van De Yacht Bros. Well Drilling  
 Registered Well Driller 3383 Oak Forest Drive  
 Green Bay, WI 54303

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH See Instructions on Reverse Side

APR 28 1958

1. County Brown Town  Hobart Village  City

2. Location Sec 10 - T 23 N - R 19 E Name of street and number of premise or Section, Town and Range numbers

3. Owner  or Agent  Francis Van Kowenberg Name of individual, partnership or firm

4. Mail Address R. W. De Pere Complete address required

5. From well to nearest: Building 5 ft; sewer ft; drain 10 ft; septic tank 50 ft; dry well or filter bed ft; abandoned well ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Table with columns: Dia. (in.), From (ft.), To (ft.), Dia. (in.), From (ft.), To (ft.). Rows: 10 0 20, 6 20 140

8. CASING AND LINER PIPE OR CURBING:

Table with columns: Dia. (in.), Kind and Weight, From (ft.), To (ft.). Row: 6 Steel 19" 0 92'9"

9. GROUT:

Table with columns: Kind, From (ft.), To (ft.). Row: Clay 0 20

11. MISCELLANEOUS DATA:

Yield test: 5 Hrs. at 10 GPM. Depth from surface to water-level: 36 ft. Water-level when pumping: 80 ft. Water sample was sent to the state laboratory at: Madison on 11/21 1958

10. FORMATIONS:

Table with columns: Kind, From (ft.), To (ft.). Rows: Clay 0 92, Limestone 92 140

Construction of the well was completed on: 11/8 1958

The well is terminated 10 inches above, below the permanent ground surface.

Was the well disinfected upon completion? Yes X No

Was the well sealed watertight upon completion? Yes No

Signature Herbert Kuster Registered Well Driller

642 Grant St. W. De Pere Complete Mail Address

Rec'd No

Ana'd

Interpretation

10 ml 10 ml 10 ml 10 ml 10 ml

Gas-24 hrs.

48 hrs.

Confirm

B. Coli

Examiner



Hydrogeologic Conditions Review  
Oneida Cemetery  
Oneida, Wisconsin  
June 29, 2021

## Appendix C

---

### Groundwater Elevation Data (2017-2021)

**Data Sheet for:**  
**Cemetery Monitoring Wells**  
**Drain Tile Discharge**  
**2017**

**Purpose:** Evaluate water table  
in Oneida Cemetery  
**Revised:** 7/11/2017

**Coordinates, Elevations & Depths**

Date	Description	Well 1		Well 2		Well 3		Well 4		Well 5		Well 6		Well 7		Well 8		Recorded by
3/17/14	Well Coordinates	238204.121, 2442278.515		238413.961, 2442544.793		238255.165, 2442718.364		238432.610, 2443033.284		238163.590, 2443283.245		238459.255, 2443377.535		238140.114, 2443408.624		237621.570, 2442896.827		Wes Johnson
3/17/14	Top of well	708.99		707.78		710.65		707.03		708.48		706.11		707.77		707.72		Wes Johnson
3/17/14	Grade @ Well	707.25		706.77		708.84		705.29		706.56		703.63		705.71		705.58		Wes Johnson
2/21/17	WL depth & El.	1.46	705.79	0.49	706.28	3.69	705.15	0.56	704.73	5.48	701.08	1.32	702.31	3.94	701.77	3.86	701.72	Chris Jordan
3/16/17	WL depth & El.	2.86	704.39	1.89	704.88	4.59	704.25	1.46	703.83	5.98	700.58	2.12	701.51	4.74	700.97	4.06	701.52	Chris Jordan
4/6/17	WL depth & El.	1.96	705.29	0.69	706.08	4.09	704.75	0.46	704.83	5.38	701.18	1.12	702.51	3.64	702.07	3.06	702.52	Chris Jordan
4/21/17	WL depth & El.	1.06	706.19	0.29	706.48	3.29	705.55	0.66	704.63	4.88	701.68	0.52	703.11	2.44	703.27	2.26	703.32	Chris Jordan
7/21/17	WL depth & El.	6.96	700.29	5.19	701.58	5.49	703.35	3.56	701.73	6.48	700.08	2.92	700.71	5.14	700.57	5.86	699.72	Dan Fels
	Annual Average:	704.39		705.06		704.61		703.95		700.92		702.03		701.73		701.76		

Date	Description	Well 9		Well 10		Well 11		Well 12	
3/21/16	Well Coordinates	238245.539, 2443062.181		238210.030, 2442680.817		238289.651, 2442357.365		238367.948, 2442693.990	
3/21/16	Top of well	710.40		712.77		713.35		713.07	
3/21/16	Grade @ Well	708.31		710.50		710.86		710.48	
2/21/17	WL depth & El.	3.31	705.00	6.83	703.67	5.21	705.65	4.11	706.37
3/16/17	WL depth & El.	4.41	703.90	6.43	704.07	4.81	706.05	3.61	706.87
4/6/17	WL depth & El.	3.21	705.10	5.53	704.97	4.11	706.75	3.01	707.47
4/21/17	WL depth & El.	2.71	705.60	5.13	705.37	3.51	707.35	2.61	707.87
7/21/17	WL depth & El.	Removed		Removed		Removed		7.11	703.37
	Annual Average:	704.90		704.52		706.45		706.39	

Recorded by
Wes Johnson
Wes Johnson
Wes Johnson
Chris Jordan
Chris Jordan
Chris Jordan
Chris Jordan
Dan Fels

Date	Description	Well 13		Well 14		Well 15		Well 16		Well 17	
	Northing	238406.73		237981.526		237570.374		238395.647		237532.291	
	Easting	2443619.66		2443619.52		2443405.59		2444179.95		2444419.901	
	Top of well	708.81		710.18		718.89		705.48		706.56	
	Grade @ Well	706.30		707.40		716.20		702.60		704.00	
2/21/17	WL depth & El.	5.49	700.81	7.02	700.38	13.31	702.89	5.22	697.38	5.84	698.16
3/16/17	WL depth & El.	5.49	700.81	6.52	700.88	13.31	702.89	3.12	699.48	5.44	698.56
4/6/17	WL depth & El.	4.09	702.21	5.82	701.58	13.21	702.99	2.42	700.18	4.74	699.26
4/21/17	WL depth & El.	4.49	701.81	5.72	701.68	13.31	702.89	1.92	700.68	3.94	700.06
7/21/17	WL depth & El.	6.19	700.11	7.12	700.28	13.31	702.89	3.12	699.48	5.94	698.06
	Annual Average:	701.15		700.96		702.91		699.44		698.82	

Recorded by
GEI
GEI
GEI
Chris Jordan
Chris Jordan
Chris Jordan
Dan Fels

Data Sheet for:  
**Cemetery Monitoring Wells**  
 January - December 2018

**Purpose:** Evaluate water table  
 in Oneida Cemetery  
**Revised:** 10/30/2017

Coordinates, Elevations & Depths											
Date	Description	Well 1	Well 2	Well 3	Well 4	Well 5	Well 6	Well 7	Well 8	Well 12	Recorded by
	Well										
3/17/14	Coordinates	238204.121, 2442278.515	238413.961, 2442544.793	238255.165, 2442718.364	238432.610, 2443033.284	238163.590, 2443283.245	238459.255, 2443377.535	238140.114, 2443408.624	237621.570, 2442896.827	238367.948, 2442693.990	Wes Johnson
3/17/14	Top of well	708.99	707.78	710.65	707.03	708.48	706.11	707.77	707.72	713.07	Wes Johnson
3/17/14	Grade @ Well	707.25	706.77	708.84	705.29	706.56	703.63	705.71	705.58	710.48	Wes Johnson
1/28/18	WL depth & El.	6.82 700.43	5.09 701.68	6.55 702.29	3.16 702.13	6.70 699.86	3.34 700.29	5.94 699.77	6.20 699.38	9.21 701.27	David Flores
2/28/18	WL depth & El.	7.46 699.79	7.99 698.78	7.29 701.55	3.26 702.03	6.38 700.18	3.24 700.39	5.66 700.05	5.86 699.72	8.91 701.57	David Flores
3/27/18	WL depth & El.	7.34 699.91	4.69 702.08	5.65 703.19	3.16 702.13	6.92 699.64	6.84 696.79	6.18 699.53	5.78 699.80	8.39 702.09	David Flores
4/6/18	WL depth & El.	6.96 700.29	4.23 702.54	5.25 703.59	2.26 703.03	6.56 700.00	3.06 700.57	5.82 699.89	5.40 700.18	8.13 702.35	David Flores
4/13/18	WL depth & El.	4.94 702.31	1.89 704.88	4.35 704.49	0.86 704.43	5.64 700.92	1.52 702.11	4.42 701.29	4.76 700.82	7.91 702.57	David Flores
4/20/18	WL depth & El.	3.10 704.15	0.37 706.40	3.69 705.15	0.36 704.93	5.32 701.24	0.68 702.95	3.74 701.97	4.22 701.36	6.11 704.37	David Flores
4/27/18	WL depth & El.	2.26 704.99	0.31 706.46	3.67 705.17	0.66 704.63	4.60 701.96	0.62 703.01	2.30 703.41	2.66 702.92	4.47 706.01	David Flores
5/4/18	WL depth & El.	1.46 705.79	0.29 706.48	2.45 706.39	0.26 705.03	2.84 703.72	0.08 703.55	0.42 705.29	1.16 704.42	3.41 707.07	David Flores
5/11/18	WL depth & El.	3.38 703.87	0.97 705.80	4.05 704.79	0.72 704.57	4.92 701.64	0.82 702.81	3.06 702.65	2.46 703.12	4.73 705.75	David Flores
5/17/18	WL depth & El.	5.48 701.77	1.99 704.78	4.81 704.03	1.88 703.41	5.64 700.92	1.98 701.65	4.24 701.47	3.40 702.18	5.47 705.01	David Flores
5/24/18	WL depth & El.	5.56 701.69	3.59 703.18	5.17 703.67	2.80 702.49	5.90 700.66	2.88 700.75	4.72 700.99	4.02 701.56	6.07 704.41	David Flores
5/31/18	WL depth & El.	6.20 701.05	4.51 702.26	5.59 703.25	3.68 701.61	6.20 700.36	3.58 700.05	5.16 700.55	4.80 700.78	6.63 703.85	David Flores
6/29/18	WL depth & El.	5.94 701.31	4.29 702.48	5.39 703.45	3.18 702.11	8.43 698.13	3.12 700.51	4.94 700.77	4.98 700.60	6.71 703.77	David Flores
7/31/18	WL depth & El.	8.61 698.64	7.37 699.40	6.68 702.16	5.76 699.53	7.73 698.83	4.87 698.76	6.43 699.28	4.36 701.22	8.83 701.65	Jordan Powless
8/31/18	WL depth & El.	7.66 699.59	5.59 701.18	5.06 703.78	2.85 702.44	6.10 700.46	1.73 701.90	4.71 701.00	6.90 698.68	9.35 701.13	Jordan Powless
9/21/18	WL depth & El.	5.44 701.81	1.99 704.78	4.56 704.28	1.38 703.91	5.90 700.66	1.41 702.22	4.32 701.39	5.96 699.62	6.72 703.76	Jordan Powless
10/15/18	WL depth & El.	3.13 704.12	1.09 705.68	4.38 704.46	0.99 704.30	5.54 701.02	0.57 703.06	3.44 702.27	4.06 701.52	5.17 705.31	Jordan Powless
11/27/18	WL depth & El.	5.86 701.39	2.80 703.97	5.46 703.38	1.96 703.33	6.48 700.08	2.22 701.41	4.66 701.05	4.28 701.30	6.73 703.75	Jordan Powless
12/26/18	WL depth & El.	6.22 701.03	3.31 703.46	5.88 702.96	2.26 703.03	6.28 700.28	2.32 701.31	4.80 700.91	4.50 701.08	7.07 703.41	Jordan Powless
Annual Average:		701.79	703.49	703.79	703.11	700.56	701.27	701.24	701.07	703.64	

Date	Description	Well 13	Well 14	Well 15	Well 16	Well 17	Recorded by
	Northing	238406.73	237981.526	237570.374	238395.647	237532.291	
	Easting	2443619.66	2443619.52	2443405.59	2444179.95	2444419.901	
	Top of well	708.81	710.18	718.89	705.48	706.56	GEI
	Grade @ Well	706.30	707.40	716.20	702.60	704.00	GEI
1/26/18	WL depth & El.	7.05 699.25	8.30 699.10	15.23 700.97	4.50 698.10	8.06 695.94	David Flores
2/28/18	WL depth & El.	6.81 699.49	8.26 699.14	13.29 702.91	4.54 698.06	8.18 695.82	David Flores
3/27/18	WL depth & El.	7.21 699.09	8.40 699.00	13.21 702.99	4.52 698.08	6.94 697.06	David Flores
4/6/18	WL depth & El.	6.81 699.49	8.26 699.14	13.31 702.89	4.42 698.18	7.82 696.18	David Flores
4/13/18	WL depth & El.	6.20 700.10	8.10 699.30	13.40 702.80	3.72 698.88	7.44 696.56	David Flores
4/20/18	WL depth & El.	5.29 701.01	7.54 699.86	13.31 702.89	3.04 699.56	6.80 697.20	David Flores
4/27/18	WL depth & El.	4.27 702.03	5.74 701.66	13.31 702.89	2.74 699.86	6.32 697.68	David Flores
5/4/18	WL depth & El.	2.59 703.71	4.68 702.72	13.31 702.89	0.72 701.88	4.20 699.80	David Flores
5/11/18	WL depth & El.	3.91 702.39	5.46 701.94	13.31 702.89	2.30 700.30	6.02 697.98	David Flores
5/17/18	WL depth & El.	4.71 701.59	5.82 701.58	13.31 702.89	2.66 699.94	6.42 697.58	David Flores
5/24/18	WL depth & El.	5.13 701.17	6.10 701.30	13.31 702.89	2.72 699.88	6.72 697.28	David Flores
5/31/18	WL depth & El.	5.59 700.71	6.42 700.98	13.25 702.95	3.06 699.54	7.06 696.94	David Flores
6/29/18	WL depth & El.	5.39 700.91	6.42 700.98	13.25 702.95	2.98 699.62	7.04 696.96	David Flores
7/31/18	WL depth & El.	7.39 698.91	7.77 699.63	13.61 702.59	4.52 698.08	8.85 695.15	Jordan Powless
8/31/18	WL depth & El.	6.66 699.64	7.67 699.73	13.31 702.89	4.12 698.48	8.34 695.66	Jordan Powless
9/21/18	WL depth & El.	6.30 700.00	7.41 699.99	13.54 702.66	3.75 698.85	7.78 696.22	Jordan Powless
10/15/18	WL depth & El.	4.79 701.51	6.12 701.28	13.64 702.56	2.87 699.73	6.67 697.33	Jordan Powless
11/27/18	WL depth & El.	5.69 700.61	6.60 700.80	13.54 702.66	3.01 699.59	6.98 697.02	Jordan Powless
12/26/18	WL depth & El.	5.99 700.31	6.79 700.61	13.52 702.68	3.35 699.25	7.36 696.64	Jordan Powless
Annual Average:		700.63	700.46	702.73	699.26	696.89	

Data Sheet for:  
**Cemetery Monitoring Wells**  
 January - December, 2019

**Purpose:** Evaluate water table  
 in Oneida Cemetery  
**Revised:** 10/30/2017

		Coordinates, Elevations & Depths																		
Date	Description	Well 1		Well 2		Well 3		Well 4		Well 5		Well 6		Well 7		Well 8		Well 12		Recorded by
3/17/14	Well Coordinates	238204.121, 2442278.515		238413.961, 2442544.793		238255.165, 2442718.364		238432.610, 2443033.284		238163.590, 2443283.245		238459.255, 2443377.535		238140.114, 2443408.624		237621.570, 2442896.827		238367.948, 2442693.990		Wes Johnson
3/17/14	Top of well	708.99		707.78		710.65		707.03		708.48		706.11		707.77		707.72		713.07		Wes Johnson
3/17/14	Grade @ Well	707.25		706.77		708.84		705.29		706.56		703.63		705.71		705.58		710.48		Wes Johnson
1/9/19	WL depth & El.	3.41	703.84	1.04	705.73	4.47	704.37	1.06	704.23	5.18	701.38	0.74	702.89	3.84	701.87	3.16	702.42	4.51	705.97	Jordan Powless
2/28/19	WL depth & El.	6.59	700.66	4.79	701.98	6.19	702.65	3.26	702.03	6.45	700.11	2.73	700.90	5.09	700.62	4.40	701.18	7.76	702.72	Jordan/Stephanie
3/15/19	WL depth & El.	3.37	703.88	4.42	702.35	4.74	704.10	1.37	703.92	3.49	703.07	0.62	703.01	2.64	703.07	2.35	703.23	7.55	702.93	Jordan/Stephanie
3/29/19	WL depth & El.	2.61	704.64	1.43	705.34	4.01	704.83	1.28	704.01	5.12	701.44	0.70	702.93	2.85	702.86	1.96	703.62	6.18	704.3	Jordan/Stephanie
4/12/19	WL depth & El.	4.13	703.12	1.69	705.08	0.64	708.20	1.86	703.43	5.54	701.02	0.75	702.88	3.45	702.26	2.56	703.02	5.96	704.52	Stephanie S.
4/26/19	WL depth & El.	3.38	703.87	1.27	705.50	4.79	704.05	1.11	704.18	5.17	701.39	0.47	703.16	2.72	702.99	2.12	703.46	4.93	705.55	Stephanie S.
5/9/19	WL depth & El.	2.96	704.29	1.59	705.18	6.66	702.18	0.96	704.33	4.64	701.92	0.16	703.47	2.88	702.83	1.66	703.92	5.61	704.87	Stephanie S.
5/22/19	WL depth & El.	4.16	703.09	1.19	705.58	7.27	701.57	1.06	704.23	5.21	701.35	0.66	702.97	2.88	702.83	2.12	703.46	5.76	704.72	Stephanie S.
6/18/19	WL depth & El.	5.02	702.23	2.55	704.22	4.99	703.85	1.88	703.41	5.68	700.88	1.11	702.52	3.90	701.81	3.38	702.20	6.13	704.35	Stephanie S.
7/19/19	WL depth & El.	6.66	700.59	4.62	702.15	5.73	703.11	3.72	701.57	6.28	700.28	2.76	700.87	4.59	701.12	5.16	700.42	6.99	703.49	Stephanie S.
8/27/19	WL depth & El.	6.36	700.89	4.93	701.84	5.64	703.20	3.77	701.52	6.28	700.28	2.67	700.96	4.55	701.16	5.56	700.02	7.30	703.18	Stephanie S.
9/26/19	WL depth & El.	3.87	703.38	2.15	704.62	4.80	704.04	1.60	703.69	5.05	701.51	0.74	702.89	2.44	703.27	3.37	702.21	5.56	704.92	Jordan
10/25/19	WL depth & El.	6.10	701.15	3.20	703.57	6.60	702.24	3.35	701.94	6.60	699.96	2.95	700.68	4.45	701.26	4.95	700.63	8.60	701.88	Jordan/Garrett
12/27/19	WL depth & El.	7.43	699.82	3.12	703.65	7.24	701.60	2.96	702.33	6.84	699.72	2.75	700.88	4.10	701.61	4.62	700.96	9.24	701.24	Jordan
Annual Average:		702.53		704.06		703.57		703.20		701.02		702.22		702.11		702.20		703.90		

Date	Description	Well 13		Well 14		Well 15		Well 16		Well 17	
	Northing	238406.73		237981.526		237570.374		238395.647		237532.291	
	Easting	2443619.66		2443619.52		2443405.59		2444179.95		2444419.901	
	Top of well	708.81		710.18		718.89		705.48		706.56	
	Grade @ Well	706.30		707.40		716.20		702.60		704.00	
1/9/19	WL depth & El.	4.68	701.62	6.34	701.06	13.52	702.68	3.12	699.48	6.96	697.04
2/28/19	WL depth & El.	6.38	699.92	7.14	700.26	13.51	702.69	3.72	698.88	7.59	696.41
3/15/19	WL depth & El.	5.69	700.61	5.72	701.68	13.51	702.69	3.65	698.95	9.74	694.26
3/29/19	WL depth & El.	4.49	701.81	5.98	701.42	13.52	702.68	2.88	699.72	6.86	697.14
4/12/19	WL depth & El.	5.29	701.01	5.82	701.58	13.52	702.68	2.65	699.95	6.60	697.40
4/26/19	WL depth & El.	3.89	702.41	5.02	702.38	13.51	702.69	2.07	700.53	6.02	697.98
5/9/19	WL depth & El.	3.17	703.13	4.90	702.50	13.79	702.41	1.31	701.29	5.54	698.46
5/22/19	WL depth & El.	3.58	702.72	4.98	702.42	13.51	702.69	1.61	700.99	5.84	698.16
6/18/19	WL depth & El.	4.31	701.99	5.13	702.27	13.51	702.69	1.88	700.72	6.15	697.85
7/19/19	WL depth & El.	5.41	700.89	6.00	701.40	13.55	702.65	2.52	700.08	6.89	697.11
8/27/19	WL depth & El.	5.58	700.72	6.18	701.22	13.51	702.69	2.71	699.89	7.02	696.98
9/26/19	WL depth & El.	3.30	703.00	3.52	703.88	13.54	702.66	0.85	701.75	4.78	699.22
10/25/19	WL depth & El.	5.51	700.79	5.95	701.45	15.33	700.87	3.10	699.50	7.69	696.31
12/27/19	WL depth & El.	5.10	701.20	6.35	701.05	15.64	700.56	3.35	699.25	7.40	696.60
Annual Average:		701.56		701.76		702.38		700.07		697.21	

Recorded by
GEI
GEI
GEI
Jordan Powless
Jordan/Stephanie
Jordan/Stephanie
Jordan/Stephanie
Stephanie S.
Stephanie S.
Stephanie S.
Stephanie S.
Stephanie S.
Stephanie S.
Stephanie S.
Jordan Powless
Jordan/Garrett
Jordan

Data Sheet for: Cemetery Monitoring Wells January - December, 2020

Purpose: Evaluate water table in Oneida Cemetery Printed: 6/11/2021

Table with columns: Date, Description, Well 1, Well 2, Well 3, Well 4, Well 5, Well 6, Well 7, Well 8, Well 12, Recorded by. Includes data for wells 1-8 and 12 with various readings and coordinates.

Table with columns: Date, Description, Well 13, Well 14, Well 15, Well 16, Well 17, Recorded by. Includes data for wells 13-17 with various readings and coordinates.



Cemetery Monitoring Wells - Data Summary  
January - May, 2021

in Oneida Cemetery  
Printed: 6/11/2021

January - December, 2021

Coordinates, Elevations & Depths																													
Date	Description	Well 1			Well 2			Well 3			Well 4			Well 5			Well 6			Well 7			Well 8			Well 12			Recorded by
	Well Coordinates	238204.121, 2442278.515	Field Reading (top of well to water)		238413.961, 2442544.793	Field Reading		238255.165, 2442718.364	Field Reading		238432.610, 2443033.284	Field Reading		238163.590, 2443283.245	Field Reading		238459.255, 2443377.535	Field Reading		238140.114, 2443408.624	Field Reading		237621.570, 2442896.827	Field Reading		238367.948, 2442693.990	Field Reading		
3/17/14	Top of well	708.99			707.78			710.65			707.03			708.48			706.11			707.77			707.72			713.07			Wes Johnson
3/17/14	Grade @ Well	707.25			706.77			708.84			705.29			706.56			703.63			705.71			705.58			710.48			Wes Johnson
1/29/2021	WL depth & El.	5.76	701.49	7.50	4.29	702.48	5.30	6.89	701.95	8.70	3.56	701.73	5.30	6.88	699.68	8.80	3.32	700.31	5.80	5.54	700.17	7.60	5.36	700.22	7.50	7.91	702.57	10.50	Louis
2/24/2021	WL depth & El.	6.66	700.59	8.40	5.59	701.18	6.60	7.19	701.65	9.00	4.86	700.43	6.60	7.28	699.28	9.20	3.92	699.71	6.40	5.94	699.77	8.00	5.76	699.82	7.90	8.71	701.77	11.30	Louis/Scott
3/12/2021	WL depth & El.	2.96	704.29	4.70	3.19	703.58	4.20	4.39	704.45	6.20	1.96	703.33	3.70	5.98	700.58	7.90	1.32	702.31	3.80	6.84	698.87	8.90	4.16	701.42	6.30	7.81	702.67	10.40	Louis/Scott
3/19/2021	WL depth & El.	4.06	703.19	5.80	3.19	703.58	4.20	4.99	703.85	6.80	3.06	702.23	4.80	6.18	700.38	8.10	1.62	702.01	4.10	4.54	701.17	6.60	4.16	701.42	6.30	7.21	703.27	9.80	Louis
3/26/2021	WL depth & El.	3.86	703.39	5.60	2.39	704.38	3.40	4.79	704.05	6.60	1.86	703.43	3.60	6.08	700.48	8.00	1.32	702.31	3.80	4.14	701.57	6.20	3.86	701.72	6.00	6.91	703.57	9.50	Scott
4/1/21	WL depth & El.	4.56	702.69	6.30	3.09	703.68	4.10	5.39	703.45	7.20	2.76	702.53	4.50	6.38	700.18	8.30	2.12	701.51	4.60	4.74	700.97	6.80	4.16	701.42	6.30	6.91	703.57	9.50	Louis/Scott
4/9/21	WL depth & El.	4.96	702.29	6.70	2.59	704.18	3.60	4.79	704.05	6.60	2.16	703.13	3.90	6.18	700.38	8.10	1.62	702.01	4.10	4.24	701.47	6.30	3.96	701.62	6.10	6.61	703.87	9.20	Louis/Scott
4/24/21	WL depth & El.	4.86	702.39	6.60	3.79	702.98	4.80	5.19	703.65	7.00	2.86	702.43	4.60	6.28	700.28	8.20	2.62	701.01	5.10	4.64	701.07	6.70	4.36	701.22	6.50	6.11	704.37	8.70	Louis/Scott
4/30/21	WL depth & El.	5.56	701.69	7.30	4.39	702.38	5.40	5.39	703.45	7.20	3.16	702.13	4.90	6.38	700.18	8.30	2.52	701.11	5.00	4.84	700.87	6.90	4.26	701.32	6.40	6.61	703.87	9.20	Louis
5/7/21	WL depth & El.	5.76	701.49	7.50	4.39	702.38	5.40	5.49	703.35	7.30	3.06	702.23	4.80	6.38	700.18	8.30	2.52	701.11	5.00	4.74	700.97	6.80	4.06	701.52	6.20	6.71	703.77	9.30	Louis
5/14/21	WL depth & El.	5.96	701.29	7.70	5.19	701.58	6.20	5.69	703.15	7.50	3.66	701.63	5.40	6.48	700.08	8.40	3.22	700.41	5.70	4.94	700.77	7.00	4.56	701.02	6.70	6.91	703.57	9.50	Louis
5/20/21	WL depth & El.	6.16	701.09	7.90	5.39	701.38	6.40	5.59	703.25	7.40	4.16	701.13	5.90	6.48	700.08	8.40	3.32	700.31	5.80	5.14	700.57	7.20	4.66	700.92	6.80	7.21	703.27	9.80	Louis
	WL depth & El.	-1.74	708.99		-1.01	707.78		-1.81	710.65		-1.74	707.03		-1.92	708.48		-2.48	706.11		-2.06	707.77		-2.14	707.72		-2.59	713.07		Louis
	WL depth & El.	-1.74	708.99		-1.01	707.78		-1.81	710.65		-1.74	707.03		-1.92	708.48		-2.48	706.11		-2.06	707.77		-2.14	707.72		-2.59	713.07		Louis
	WL depth & El.	-1.74	708.99		-1.01	707.78		-1.81	710.65		-1.74	707.03		-1.92	708.48		-2.48	706.11		-2.06	707.77		-2.14	707.72		-2.59	713.07		Louis
	WL depth & El.	-1.74	708.99		-1.01	707.78		-1.81	710.65		-1.74	707.03		-1.92	708.48		-2.48	706.11		-2.06	707.77		-2.14	707.72		-2.59	713.07		Louis
	Annual Average:	703.87			704.06			705.18			703.41			702.23			702.41			702.46			702.78			705.78			

Date	Description	Well 13			Well 14			Well 15			Well 16			Well 17			Recorded by
	Northing Easting	238406.73, 2443619.66	Field Reading		237981.526, 2443619.52	Field Reading		237570.374, 2443405.59	Field Reading		238395.647, 2444179.95	Field Reading		237532.291, 2444419.901	Field Reading		
	Top of well	708.81			710.18			718.89			705.48			706.56			
	Grade @ Well	706.30			707.40			716.20			702.60			704.00			
1/29/2021	WL depth & El.	6.89	699.41	9.40	7.42	699.98	10.20	13.71	702.49	16.40	3.92	698.68	6.80	7.44	696.56	10.00	
2/24/2021	WL depth & El.	7.29	699.01	9.80	7.82	699.58	10.60	13.61	702.59	16.30	4.42	698.18	7.30	7.84	696.16	10.40	
3/12/2021	WL depth & El.	5.49	700.81	8.00	7.02	700.38	9.80	7.71	708.49	10.40	3.52	699.08	6.40	6.54	697.46	9.10	
3/19/2021	WL depth & El.	5.79	700.51	8.30	6.92	700.48	9.70	13.51	702.69	16.20	3.52	699.08	6.40	6.54	697.46	9.10	
3/26/2021	WL depth & El.	5.69	700.61	8.20	6.82	700.58	9.60	13.71	702.49	16.40	3.42	699.18	6.30	6.44	697.56	9.00	
4/1/2021	WL depth & El.	5.99	700.31	8.50	7.12	700.28	9.90	13.61	702.59	16.30	3.52	699.08	6.40	6.64	697.36	9.20	
4/9/2021	WL depth & El.	5.69	700.61	8.20	6.82	700.58	9.60	13.61	702.59	16.30	3.42	699.18	6.30	6.44	697.56	9.00	
4/24/2021	WL depth & El.	5.89	700.41	8.40	6.52	700.88	9.30	13.51	702.69	16.20	3.32	699.28	6.20	6.64	697.36	9.20	
4/30/2021	WL depth & El.	6.09	700.21	8.60	6.62	700.78	9.40	13.51	702.69	16.20	3.32	699.28	6.20	6.74	697.26	9.30	
5/7/2021	WL depth & El.	5.89	700.41	8.40	6.72	700.68	9.50	13.61	702.59	16.30	3.32	699.28	6.20	6.64	697.36	9.20	
5/14/2021	WL depth & El.	6.19	700.11	8.70	6.82	700.58	9.60	13.51	702.69	16.20	3.42	699.18	6.30	6.94	697.06	9.50	
5/20/2021	WL depth & El.	6.19	700.11	8.70	6.92	700.48	9.70	13.51	702.69	16.20	3.42	699.18	6.30	6.84	697.16	9.40	
1/0/1900	WL depth & El.	-2.51	708.81		-2.78	710.18		-2.69	718.89		-2.88	705.48		-2.56	706.56		
1/0/1900	WL depth & El.	-2.51	708.81		-2.78	710.18		-2.69	718.89		-2.88	705.48		-2.56	706.56		
1/0/1900	WL depth & El.	-2.51	708.81		-2.78	710.18		-2.69	718.89		-2.88	705.48		-2.56	706.56		
1/0/1900	WL depth & El.	-2.51	708.81		-2.78	710.18		-2.69	718.89		-2.88	705.48		-2.56	706.56		
	Annual Average:	702.36			702.87			707.05			700.66			699.54			

Hydrogeologic Conditions Review  
Oneida Cemetery  
Oneida, Wisconsin  
June 29, 2021

## Appendix D

---

**Drainage System Discharge Rates (2017-2021)**

**Drainage System Discharge with Daily Precipitation (2017-2021)**

Public Packet  
Drain Tile Discharge

2017

Dscharge rate of drain tile		discharging	Comments	Recorded by
Date	GPM	Yes/No	Pond elevation on 6-23-2014 = 700.075	
2/21/17	19.41	Yes	No comments	Chris Jordan
3/16/17	6.60	No record	No comments	Chris Jordan
4/6/17	11.00	YES	No comments	Chris Jordan
4/21/17	33.70	YES	Rain 1" last 2 days	Chris Jordan
7/21/17	3.50	YES	No comments	Dan Fels

**Data Sheet for:**  
**Drain Tile Discharge**  
**January - December 2018**

**Purpose:** Evaluate water table  
 in Oneida Cemetery  
**Revised:** 10/30/2017

Dscharge rate of drain tile		discharging	Comments
Date	GPM	Yes/No	Pond elevation on 6-23-2014 = 700.075
1/26/18	1.50	no	3 feet pond depth 1-26-18
2/28/18	3.00	Yes/No	3 feet pond depth 2-28-18
3/27/18	11.00	Yes/No	3.5 feet pond depth 3-27-18
4/6/18	3.00	yes	3.5 feet pond depth 4-6-18
4/13/18	10.00	yes	3.5 feet pond depth 4-13-18
4/20/18	15.00	yes	3.5 feet pond depth 4-20-18
4/27/18	30.00	yes	3.5 feet pond depth 4-27-18
5/4/18	pipe under water	yes	3.5 feet pond depth 5-4-18
5/11/18	12.00	yes	3.5 feet pond depth 5-11-18
5/17/18	12.00	yes	3.5 feet pond depth 5-17-18
5/24/18		yes	3.5 feet pond depth 5-24-18 pond was discharging on these from April till now
5/31/18		yes	3.5 feet pond depth 5-31-18
6/29/18	6 gals	yes	3 feet pond depth 6-29-18
7/31/18	1/4 gal		2' 8" feet pond depth 7-31-18
8/31/18	1.25	yes	3 ft pond depth 8/31/18
9/21/18	12 gal	yes	3.5 feet pond depth 9/21/18
10/15/18	12 gal	yes	
11/27/18	6 gals	yes	3.5 feet pond depth 11/27/18
12/26/18	1.25	yes	3.5 feet pond depth 12/26/18

Recorded by
David Flores
Jordan Powless
David Flores
David Flores
David Flores
David Flores
David Flores
David Flores
David Flores
David Flores
David Flores
Jordan Powless
Jordan Powless
Jordan Powless
Jordan Powless
Jordan Powless
Jordan Powless

**Data Sheet for:**  
**Drain Tile Discharge**  
**January - December, 2019**

**Purpose:** Evaluate water table  
 in Oneida Cemetery  
**Revised:** 10/30/2017

Dscharge rate of drain tile		Is pond	Comments
Date	GPM	Yes/No	Pond elevation on 6-23-2014 = 700.075
1/9/19	20.00	yes	3.5 feet pond depth 1/09/19
2/28/19	4.00	yes	3.5 feet pond depth 2/28/19
3/15/19	40.00	yes	3.6 feet pond depth 3/15/19
3/29/19	24.00	yes	3.5 feet pond depth 3/29/19
4/12/19	84.00	yes	3.5 feet pond depth 4/12/19
4/26/19	19.00	yes	3.5 feet pond depth 5-31-18
5/9/19	22.00	yes	3.5 feet pond depth 5-31-18
5/22/19	16.00	yes	3.5 feet pond depth 5-31-18
6/18/19	6.90	yes	3.5 feet pond depth 6/18/19
7/19/19	3.80	yes	3.3 feet pond depth 7/19/19
8/27/19	3.30	yes	3.5 feet pond depth 8/27/19
9/26/19	10.00	yes	3.5 feet pond depth 9/26/19
10/25/19	12.00	yes	3.5 feet pond depth 10/25/19
12/27/19	20.00	yes	4 feet pond depth frozen 12/27/19

Recorded by
Jordan Powless
Jordan/Stephanie
Jordan/Stephanie
Jordan/Stephanie
Stephanie S.
Stephanie S.
Stephanie S.
Stephanie S.
Stephanie S.
Jordan Powless
Jordan/Garrett
Jordan

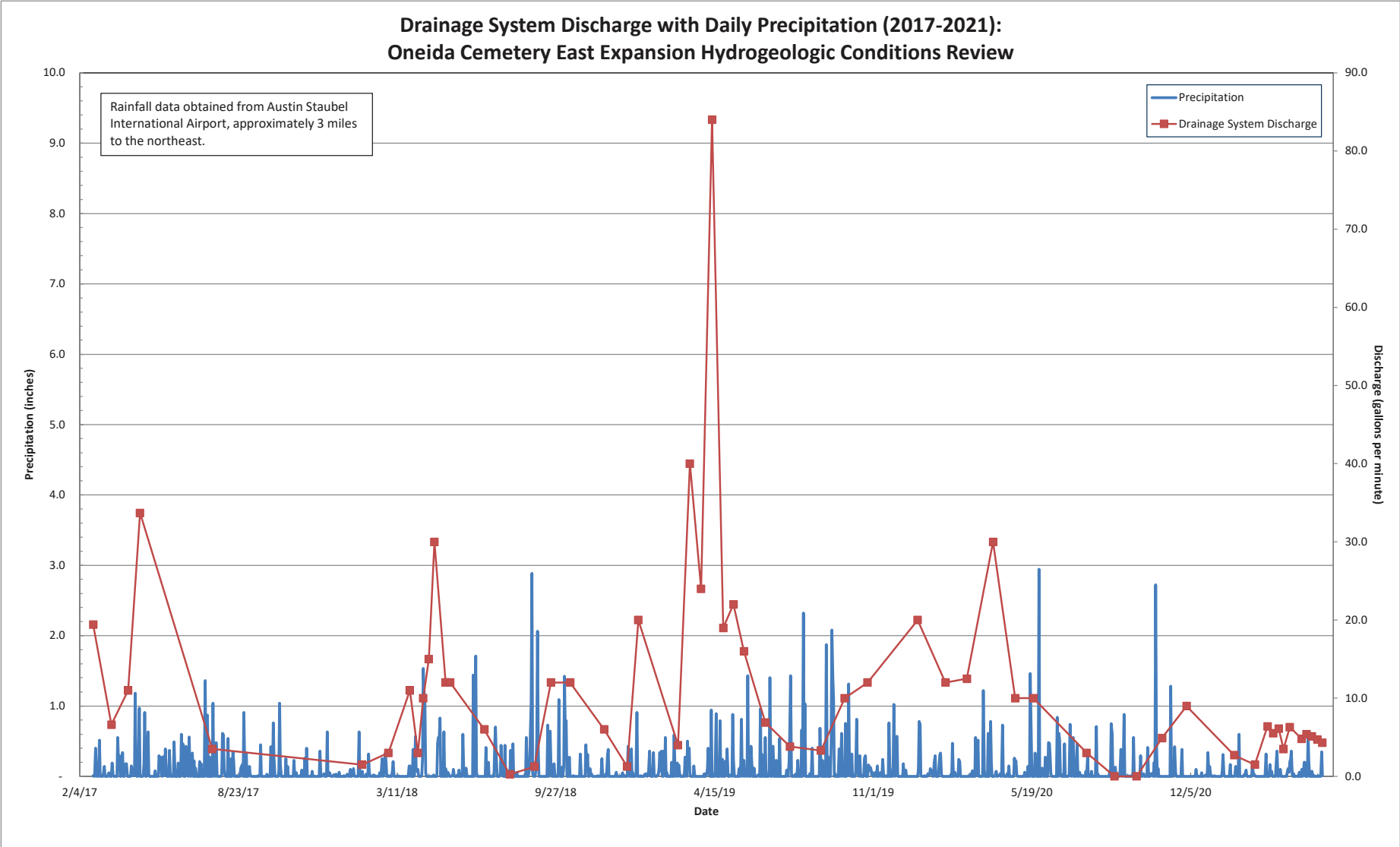
Data Sheet for:  
 Drain Tile Discharge  
 January - December, 2020

Purpose: Evaluate water table  
 in Oneida Cemetery  
 Printed: 6/11/2021

Discharge rate of drain tile		Is pond discharging	Comments
Date	GPM	Yes/No	
1/31/2020	12.00	Yes	Pond elevation on 6-23-2014 = 700.075
2/27/2020	12.50		4.833
3/31/2020	30.00	Yes	Pond depth 4.5 feet
4/28/2020	10.00	Yes	Pond depth 4.5 feet
5/21/2020	10.00	Yes	Pond depth 4.5 feet
7/27/20	3.00	Yes	
8/31/20	0.00	Yes	Pond Depth 4 ft
9/28/20	none	No	Pond Depth 4 ft
10/30/20	4.90	No	Pond Depth 4 Ft
11/30/21	9.00	Yes	Pond Depth 4 ft

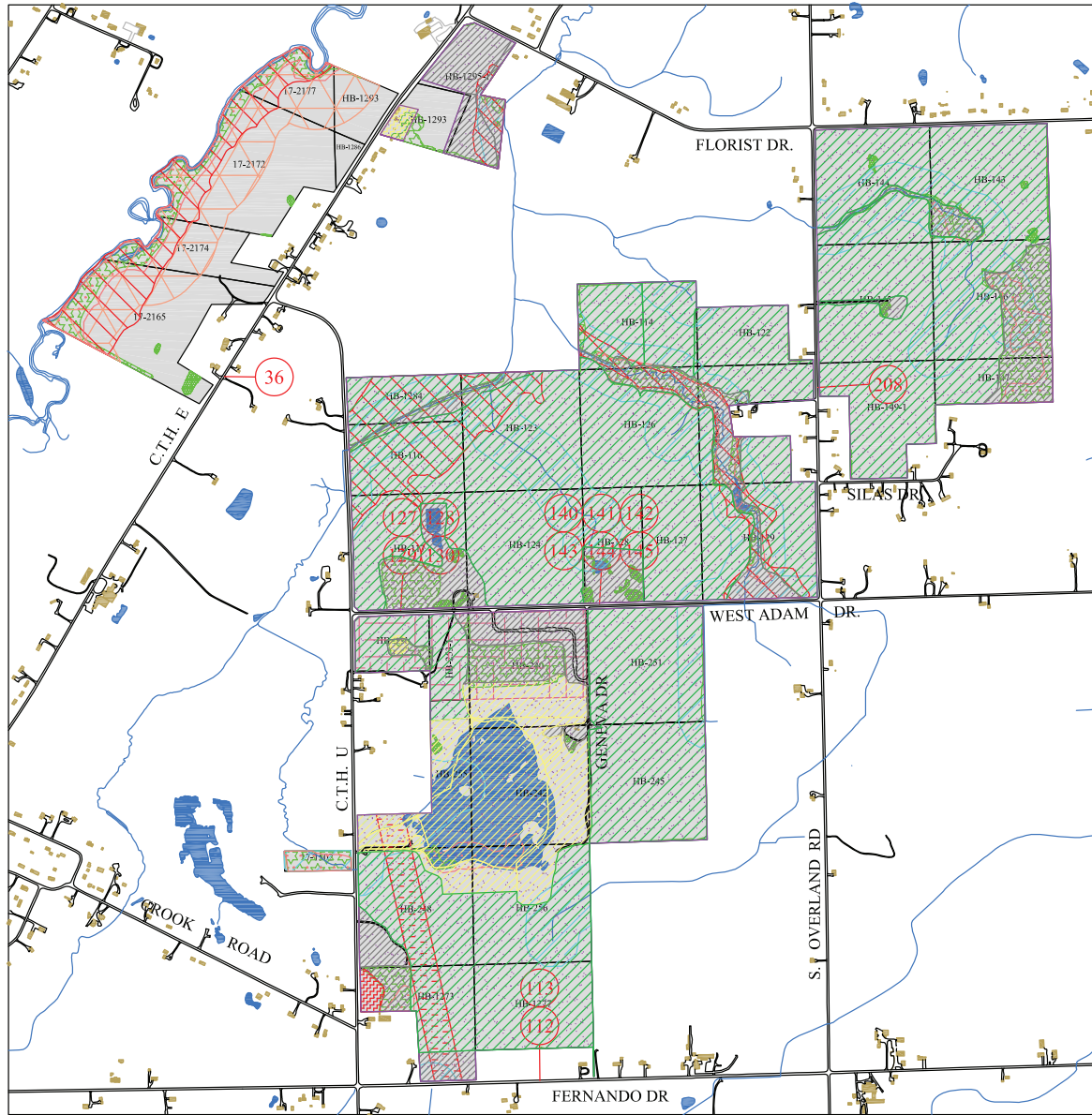
Recorded by







# Basil & Joan Rueden Property



- Cultural:**  
Sensitive Area - .72 acres
- Legend:**  
 Basil & Joan Rueden Property - 1,043.70 acres  
 Existing Buildings  
 Water  
 Roads
- Coverages Within Property Boundary**
- U.S.T. Sites Yes
  - DNR Defined Wetlands - 61.46 acres
  - Forest Coverage - 94.43 acres
  - 100 Yr. Floodplain - 120.31 acres
  - Conservation Reserve Program (CRP) - 94.41 acres
  - Shoreland Protection Buffer - 246.88 acres
  - Duck Creek Conservancy Buffer - 74.99 acres
  - Leased Property - 902.31 acres
  - Not Farmed - 148.44 acres
  - Cropland - 655.0
  - Residential Lease - 2.11 acres
  - Individual Agricultural Lease - 2.27 acres
  - Ponds - 45.83 acres
  - Cemetery - 50 acres
  - High Voltage Lines Buffer - 20.98 acres
- Restricted - 985.03 acres**  
58.67 Acres, Available For Landuse
- Tribal Fee & Tribal Trust**  
T23,R19,Sec-9,10,11,14,15,16

Landuse Site Analysis Area

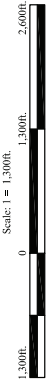


Digital Ortho Date: 4-24-06

Property Boundary

Parcels Determined from Land Management Transfer Form and Brown & Outagamie Co. Tax Parcel Map

LU-0001



GEOGRAPHIC LAND INFORMATION SYSTEMS  
703 Packerland Dr.  
Green Bay, Wisconsin  
(920) 496-2007

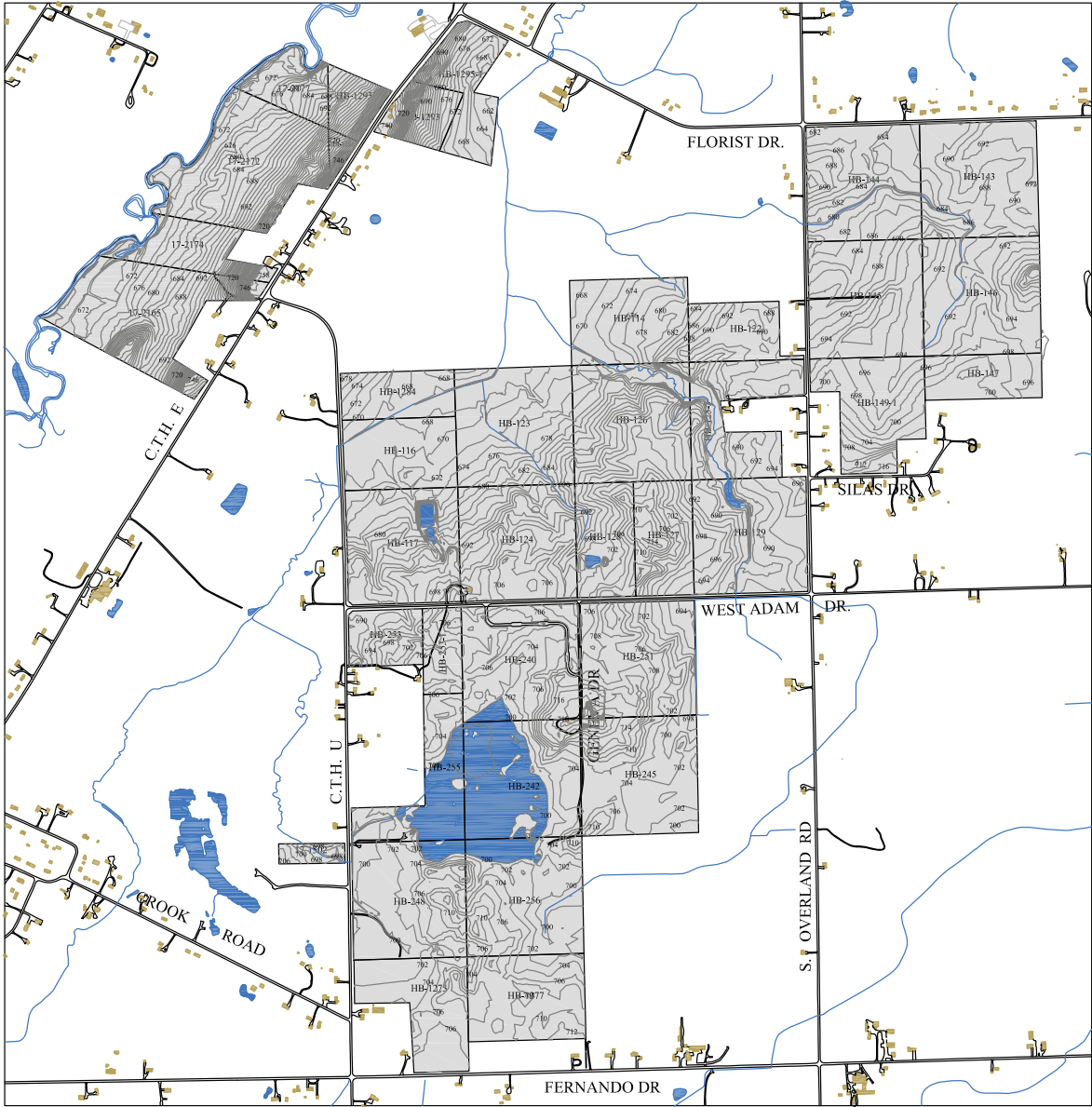
" Internal Use Only "

Date: 8/14/01  
Updated: 8/14/08

File: E:\0001-Basil & Joan Rueden.dwg

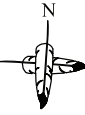
Source: Photography April 24, 2006  
Coordinate System: Wisconsin State Plane, Central Zone  
Horizontal Datum: NAD83  
Vertical Datum: NAVD83

# Basil & Joan Rueden Property



- Legend:
- Basil & Joan Rueden Property - 1,043.70 acres
  - Existing Buildings
  - Water T23,R19,Sec-9,10,11,14,15,16 Tribal Fee & Tribal Trust
  - Roads
  - 2ft Contour Lines

LU-0001

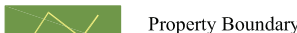


Source: Photography April 24, 2006  
 Coordinate System: Wisconsin State Plane, Central Zone  
 Horizontal Datum: NAD83  
 Vertical Datum: NAVD83

Landuse Site Analysis Area



Digital Ortho Date: 4-24-06



Property Boundary

Parcels Determined from Land Management  
 Transfer Form and Brown & Outagamie Co.  
 Tax Parcel Map

GEOGRAPHIC LAND INFORMATION SYSTEMS

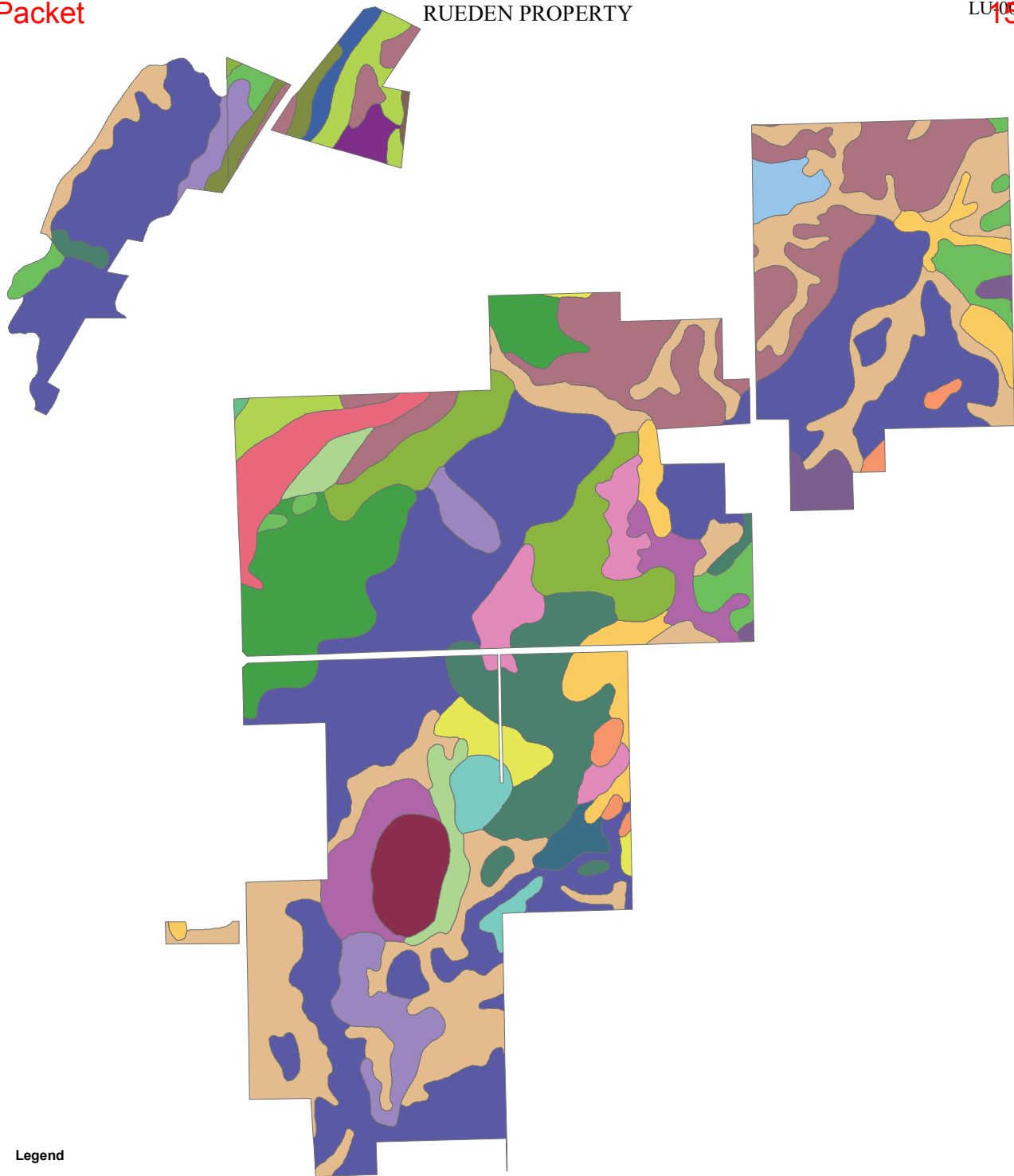
703 Packerland Dr.  
 Green Bay, Wisconsin  
 (920) 496-2007

"Internal Use Only"

Date: 8/14/01  
 Updated: 8/14/08

File: E:\0001-Basil & Joan Rueden.dwg



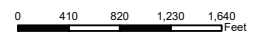


**Legend**

**Soil Types**

- |  |  |   |
|--|--|---|
| ALLENDALE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES       | KEWAUNEE SILT LOAM, 2 TO 6 PERCENT SLOPES          | OSHKOSH SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED |
| ALLENDALE LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES       | KEWAUNEE SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED | POYGAN SILTY CLAY LOAM                            |
| ALLUVIAL LAND, WET                                     | KIBBIE SILT LOAM, 1 TO 3 PERCENT SLOPES            | SHAWANO LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES    |
| BOYER LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES           | MANAWA SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES      | SISSON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES     |
| BRIGGSVILLE SILT LOAM, 2 TO 6 PERCENT SLOPES           | MANISTEE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES    | SISSON SILT LOAM, 2 TO 6 PERCENT SLOPES           |
| FLUVAQUENTS  | MANISTEE LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES    | SYMCO SILT LOAM, 0 TO 3 PERCENT SLOPES            |
| GRAYS SILT LOAM, 2 TO 6 PERCENT SLOPES                 | MANISTEE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES    | WAUSEON FINE SANDY LOAM                           |
| HORTONVILLE SILT LOAM, 12 TO 20 PERCENT SLOPES, ERODED | MOSEL SILT LOAM, 0 TO 3 PERCENT SLOPES             | WAYMOR SILT LOAM, 2 TO 6 PERCENT SLOPES           |
| HORTONVILLE SILT LOAM, 2 TO 6 PERCENT SLOPES           | OGDEN MUCK   | YAHARA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES     |
| HORTONVILLE SILT LOAM, 20 TO 30 PERCENT SLOPES         | OSHKOSH SANDY LOAM, 2 TO 6 PERCENT SLOPES          | YAHARA SILT LOAM, 0 TO 3 PERCENT SLOPES           |
| KEOWNS SILT LOAM                                       | OSHKOSH SILT LOAM, 0 TO 2 PERCENT SLOPES           |   |
| KEWAUNEE SILT LOAM, 12 TO 20 PERCENT SLOPES, ERODED    | OSHKOSH SILT LOAM, 2 TO 6 PERCENT SLOPES           |   |

1 inch equals 1,000 feet



Source: Photography May 6, 1996  
 Coordinate System Wisconsin State Plane, Central Zone  
 Lambert Projection, U.S. Foot  
 Horizontal Datum: NAD 83  
 Vertical Datum: NVD 88



GEOGRAPHIC LAND INFORMATION SYSTEMS

N. 703 Packerland Drive  
 Green Bay, Wisconsin  
 (920) 496-2007

File: Rueden.mxd

Date: 1-21-02



## Parcel Stat Sheet

**Parcel Name** Basil & Joan Rueden Property**Parcel Location:** T  R  S **Land Status:** Tribal Fee & Tribal Trust**Oneida Parcel ID#:** To be assigned**County Parcel ID#:** 38 Parcels, to many to list see map.**Acres:** 1,043.7**Note:** Parcel in Trust: 17-1502, 17-2165, 17-2172,17-2174, 17-2177**Parcel Address:** 184 Adam Dr. De Pere**Restricted Features**

Slope	<input checked="" type="checkbox"/>	Acres w/Severe Slope:	47.27	
Hydrology	<input checked="" type="checkbox"/>	Acres Hydro ( Lakes, etc):	45.83	
		Acres Buffered:		
Cultural Significant	<input checked="" type="checkbox"/>	Acres:	0.72	
Wetlands	<input checked="" type="checkbox"/>	Acres of Wetlands:	61.46	
Forest / Prairie	<input checked="" type="checkbox"/>	Acres of Forest / Prairie:	94.43	
Flood Plain	<input checked="" type="checkbox"/>	Acres in Flood Plain:	120.31	
CRP	<input checked="" type="checkbox"/>	Acres Protected:	94.41	Contract Exp:
Shore Land Ordinance	<input checked="" type="checkbox"/>	Acres Protected:	246.88	
Duck Creek Conservancy	<input checked="" type="checkbox"/>	Acres Protected:	74.99	Contract Exp:
Reforested Area	<input type="checkbox"/>	Acres Protected:		

**Natural / Physical Cultural Acres with Restricted Use:** 985.03**Soil Assessment**

L.U.S.T. Sites	<input checked="" type="checkbox"/>			
Depth to Bedrock				
Depth to Water Table		1-3FT BELOW SURFACE		
Highly Impermeable	<input checked="" type="checkbox"/>		ACRES IMPERMEABLE: 47.27	
Prime Farmland	<input checked="" type="checkbox"/>		WHERE DRAINED	
Suitability for basements	<input checked="" type="checkbox"/>		ACRES NON SUITABLE:	
Suitability for On Site-Systems	<input checked="" type="checkbox"/>		High: 312.3 Moderate: 389.87 Low: 211.78 Very Low: 119.87	

**Leased Areas**

Leased Property	<input checked="" type="checkbox"/>	Acres Leased:	902.31
-----------------	-------------------------------------	---------------	--------

The total acres available for Land Use: 58.67

The numbers in each column will not total due to over-lapping of layers.

**COMMENTS:**Not Listed Above Is: (Cemetery- 50 acres) (High Voltage Lines Buffer- 20.98 acres) Which is added to Total Restrictions.

Biological Significant Resources	<input type="checkbox"/>	Acres Affected:	
Ground / Well Water Contamination	<input type="checkbox"/>	Acres Affected:	
Surface / Ground Contamination	<input type="checkbox"/>	Acres Affected:	
Other	<input type="checkbox"/>	Acres Affected:	

**Environmental Acres with Potential Restricted Use: 601.85**

**COMMENTS:**

AREA'S OF RESTORATION BE DESIGNATED FOR PERMANENT CONSERVANCY/NATURAL AREA'S. NO RESIDENTIAL REAR RESTORATION AREA'S. MINIMUM 100FT BUFFER FOR ALL WATERWAYS.

**Pre-Determined**

Prior pre-determined	<input type="checkbox"/>	Acres pre-determined:	
----------------------	--------------------------	-----------------------	--

**Planning Features**

Current / Existing Land Use	AGRICULTURE
Adjacent Land Use	AGRICULTURE
Zoning	AGRICULTURE
Public Services	
Gas	<input type="checkbox"/>
Electric	<input type="checkbox"/>
Sewer	<input type="checkbox"/>
Water	<input type="checkbox"/>
Other (Transportation / Schools / Roads/ Etc.)	

**Recommended Uses:**

**Category:** Agricultural

**Potential Uses:**

1. AGRICULTURE
2. RECREATION
3. NATURAL AREA
4. RESIDENTIAL=IN THE FUTURE WITH NEW ALTERNATIVE WASTE WATER SYSTEMS.

ALL WORK RECOMMENDED BY THE ENVIRONMENTAL STAFF REGARDING SURFACE WATER QUALITY AND LAND RESTORATION IN ALL CATEGORIES SHOULD BE ALLOWED TO BEGIN AS SOON AS POSSIBLE. BUDGETS PERMITTING.

Date submitted

Approval Date

Approvals: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Land Commission**

Date submitted

Approval Date

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# LU001-Land Use Natural Resources Inventory: Former Rueden Property

---

Oneida Parcel # Not Assigned

Date: November 2001

Prepared for: Land Use Technical Unit

Prepared by: Lisa Miotke, Environmental Specialist



## Table of Contents

Purpose of Report: .....	1
Affected Environment: .....	1
Location .....	1
Land Resources .....	1
Water Resources .....	10
Living Resources .....	11
Resource Use Patterns .....	14
Records Review: .....	15
Land Use Restrictions & Recommendations: .....	16
General Comments: .....	20
References: .....	20
Appendices: .....	20
Authorization: .....	21

## Purpose of Report:

This report is being prepared for the Land Use Technical Unit for the Land Use Designation Process of the Oneida Land Commission. Recommendations by the Environmental Quality Department for consideration of land use designation will be based on the physical features of the land, applicable laws, and overall goals of the department.

## Affected Environment:

**Location:** This property is located in five different parcels in Township 23 North, Range 19 East, Sections 3, 10, 11 and 15, in the Town of Hobart, Brown County, and Township 23 North, Range 19 East, Section 9 on the Oneida Reservation in Wisconsin. A total of 1,015.70 acres makes up these 5 parcels. The parcels will be referred to in the following manner throughout the report (see Appendix A1 & A2 for location maps and Appendix A3 for photographic record, taken August 28 & 29, 2001) :

**Parcel A:** Approximately 158 acres west of County Highway E (T23N, R19E, S3 & 9)

**Parcel B:** Approximately 20 acres southeast corner of the intersection at Florist Drive and County Highway E (T23N, R19E, S3)

**Parcel C:** 340 acre Parcel east of County Highway U and north of West Adam Drive (T23N, R19E, S10)

**Parcel D:** 204 acres on the southeast corner of the intersection at Florist Drive and South Overland Road (T23N, R19E, S11)

**Parcel E:** 293.28 acres south of West Adam Drive, east of County Highway U (T23N, R19E, S15).

## Land Resources

**TOPOGRAPHY:** The following topographic information is taken from the GLIS maps which include the Army Corp of Engineers 2 foot contours. (See Appendix B):

**Parcel A** has the most topographic variations ranging from 670 feet above sea level along Duck Creek in the western portion and eastern portions of the parcel to the top of the ridge at 750 feet above sea level. The steepest portions are on the eastern 1/3 of the parcel.

**Parcel B** is relatively level towards the east, from the intersection of County Highway E and Florist Drive, ranging from 700 feet at the road to 662 feet on the eastern portion of the parcel.

**Parcel C** has some topographic variations throughout ranging from 668 feet to a high of about 710 feet above sea level. The lowest portions are along Silver Creek and its tributary. There is a slight ridge that is in the middle of the parcel that runs southeasterly.

**Parcel D** has minor topographic variations, compared to the other parcels. The lowest is along the tributary to Silver Creek at 680 feet above sea level to the highest areas on the southern portion of the parcel at 716 feet above sea level.

*Parcel E* has some high and low areas. The lowest area is the site of the wetland restoration project in the middle of the parcel, at about 700 feet above sea level. To the northeast of the project is the highest area of the parcel at 720 feet above sea level.

***Applicable Laws: The Oneida Shoreland Protection Ordinance designates areas of slopes greater than 12 percent, adjacent to the floodplain, as “environmentally significant districts”. These areas are established “to preserve ecological relationships, important natural resources and aesthetic values within the shoreland area. Construction of buildings is not permitted in these areas. Portions of Parcel A & B have steep slopes.***

SOILS: The following soils information is found in the Soil Survey Reports for Brown and Outagamie Counties. *Each county has slight variations in content and how they display their information in their respective Soil Surveys. With this in mind, the compilation of data was done to the best of the ability of the preparer.* (See Appendix C , C1, & C2 for soil map, soil symbols, capability unit descriptions.)

The Capability Classes, Subclasses, and Units are noted in the descriptions of each soil type. The *Class* designation is a numeric value indicating progressively greater limitations and narrower choices for practical use. The *Subclass* determines the type of limitation (e=erosion, w=wetness, s=shallow/stoney/droughty). The *Unit* is the grouping of soils that are similar and can support the same type of crop. **The class and subclass are the most relevant to this discussion.**

Soils that are found in large areas throughout the reviewed parcels are underlined. A summary table of building suitability is after the narrative of each soil type.

***Allendale loamy fine sand*** (AdA) and ***Allendale fine sandy loam*** (AeA) with 0-3 percent slopes. These soils are deep, somewhat poorly drained on lacustrine plains. They have medium available water capacity. The sandy part of the profile has rapid permeability and the clayey portion has slow permeability. In wet seasons, water remains above the slowly permeable substratum. Natural fertility and organic matter are low and runoff is slow. Wetness is the main limitation. The capability unit is IIIw-6. White pine, white spruce, white ash, cotton wood, and white cedar are suggested tree species for woodland planting. Herbaceous and woody plantings are rated fair due to seasonally wet conditions and grass competition. Shallow wetlands receive a rating of good. Recreational activities such as hiking trails, golf courses, camping have moderate limitations due to wet conditions. Suitability for foundations and roads are moderate due to seasonable perched water table and low stability; septic systems have severe limitations due to seasonal perched water table.

***Alluvial land*** (Au) is a well-drained to somewhat poorly drained soils in bottomlands adjacent to well-defined, non-dissected stream channels. The land type is subject to frequent overflow. This type is better suited to woodlands than field crops due to overflows. The capability unit is IIw-11. Suggested species include: sugar maple, basswood, white ash, black walnut, white pine, white spruce, white cedar and red pine. Wildlife habitat is rated good and fair for herbaceous and

woody vegetation. Wetland cover is rated poor due to hazard of flooding. Recreation opportunities such as hiking trails, golf course, campsites, etc. have severe limitations due to the flooding & slippery conditions. Topsoil is fair. Foundations and septic systems have severe limitations due to flooding and moderate compressibility.

**Casco loam** (CcB) with 2-6 percent slopes. This gently sloping soil is on outwash plains. This series has low available water capacity, natural fertility and organic matter content. Runoff is slow and erosion is a slight hazard where the soil is cultivated. The capability unit is IIIe-3. Woodland Management is good for northern red oak, black oak and white oak, along with red pine and eastern red cedar. Wildlife potential is fair for all areas except wet and wetland conditions. As potential for building sites, this soil has slight limitations for homes, moderate limitations for small commercial buildings and roads. There are slight limitations for septic systems. The soil is considered good for roadfill, sand, and gravel; topsoil is a thin layer.

**Fluvaquents** (Fu) are nearly level, poorly drained and very poorly drained alluvial soils on bottom lands and drainageways. Runoff is very slow to ponded. These soils are not suited to crops. They are suitable for wildlife habitat and recreational areas. Capability unit is Vw-14. Severe ratings for sanitary facilities and buildings. Woodland plantings may include red maple and white ash. Wildlife potential is good for wetland habitat.

**Grays silt loam** (GrB) with 2-6 percent slopes. This gently sloping soil is on glacial lake plains. The soil has a high natural fertility and moderately low organic matter content. Runoff is medium. Erosion is the main hazard. The soil is well suited to all crops. Capability unit is IIe-1. Woodland management suggested includes Northern red oak, sugar maple, white ash. Wildlife potential is good for all types except wet and wetland conditions. Due to shrink-swell and low strength, building site development is given a slight rating. Septic tank absorption fields have a moderate rating for wetness. The soil type is poor as roadfill due to frost action and low strength.

**Hortonville silt loam** (HrB) with 2-6 percent slopes. This gently sloping soil is on glacial till plains. There is high natural fertility and low organic matter content. Runoff is medium and erosion is a slight hazard. The available water capacity is high and permeability is moderate or moderately slow. The capability unit is IIe-1. Hortonville soils have slight limitations for woodland management and suggestions include northern red oak, sugar maple, American basswood, eastern white pine and white spruce. These soils have moderate limitations for building development due to shrink-swell and low strength. Septic tank limitations are moderate due to slow permeability.

**Hortonville silt loam** (HrD2) with 12-20 percent slopes. This moderately steep soil is on glacial till ridges. There is high natural fertility and low organic matter content. The available water capacity is high and permeability is moderate or moderately slow. Runoff is rapid and erosion is a severe hazard in cultivated areas. The capability unit is IVe-2. Hortonville soils have slight limitations for woodland management and suggestions include northern red oak, sugar maple, American basswood, eastern white pine and white spruce. These soils have severe limitations for building site development due to slope. Septic tank limitations are severe due to slope and slow

permeability.

***Hortonville silt loam*** (HrE) with 20-30 percent slopes. This steep soil is on hillsides on glacial till plains. There is high natural fertility and low organic matter content. The available water capacity is high and permeability is moderate or moderately slow. Runoff is very rapid and erosion is a severe hazard. The capability unit is VIe-1. Hortonville soils have slight limitations for woodland management and suggestions include northern red oak, sugar maple, American basswood, eastern white pine and white spruce. These soils have severe limitations for building site development due to slope. Septic tank limitations are severe due to slope and slow permeability.

***Keowns silt loam*** (Ke) is a nearly level soil in depressions on lacustrine plains. The soil has high natural fertility and organic matter content. Runoff is very slow to ponded. Wetness is the main limitation. The capability unit is IIIw-3. Woodland management has moderate and severe limitations; suggested species include silver maple, red maple, and white ash. Wildlife potential is good, except for coniferous plantings. Building site development and septic systems have severe limitations due to wetness, frost action and flooding. Use of this soil for roadfill is poor due to frost action.

***Kewaunee silt loam (KhB)*** with 2-6 percent slope. This series consists of well drained and moderately well drained soils on glacial till plains. There is moderate available water capacity and permeability is moderately slow and slow. This soil has high natural fertility and low organic matter content. Runoff is medium and erosion is a slight hazard. The capability unit is IIe-6. There are slight limitations for woodland management; species suggested include northern red oak, sugar maple, white ash, eastern white pine, red pine, white spruce, and American basswood. Wildlife potential is good for all except wet and wetland areas. Building site development has moderate limitations due to shrink-swell and low strength; roads and streets have severe limitations; and septic systems have severe limitations due to a slow permeability. Use of this soil for roadfill is poor due to low strength.

***Kewaunee silt loam*** (KhC2) with 6-12 percent slope. This series consists of well drained and moderately well drained soils on glacial till plains. There is moderate available water capacity and permeability is moderately slow and slow. This soil has high natural fertility and low organic matter content. Runoff is medium and erosion is a moderate hazard. The capability unit is IIIe-6. There are slight limitations for woodland management; species suggested include northern red oak, sugar maple, white ash, eastern white pine, red pine, white spruce, and American basswood. Wildlife potential is good for all except wet and wetland areas. Building site development has moderate limitations due to shrink-swell, slope and low strength; roads and streets have severe limitations; and septic systems have severe limitations due to a slow permeability. Use of this soil for roadfill is poor due to low strength.

***Kewaunee silt loam*** (KhD2) with 12-20 percent slope. This moderately steep soil consists of well drained and moderately well drained soils on glacial till plains. There is moderate available water capacity and permeability is moderately slow and slow. This soil has high natural fertility and

low organic matter content. Runoff is rapid and erosion is a moderate hazard. The capability unit is IVE-2. There are slight and moderate limitations for woodland management; species suggested include northern red oak, sugar maple, white ash, eastern white pine, red pine, white spruce, and American basswood. Recreation is rated severe due to the steep slopes. Wildlife potential is good for all except wet and wetland areas. Building site development and septic systems are rated severe due to slope and slow permeability.

***Kibbie silt loam*** (KnA) with 1-3 percent slopes. Kibbie soils are deep, nearly level to very gently sloping, somewhat poorly drained soils of glacial lake plains. They have medium available water capacity and moderately slow permeability. Natural fertility is medium and organic matter content is high. Runoff is slow. Wetness is the main limitation of the soil and the capability unit is IIw-2. White pine, white spruce, white ash, cotton wood, and white cedar are suggested tree species for woodland planting. Herbaceous and woody plantings are rated fair due to seasonally wet conditions and grass competition. Shall wetlands receive a rating of good. Recreational activities such as hiking trails, golf courses, camping have moderate limitations due to seasonally high water table & slippery conditions. Suitability for foundations, roads, and septic systems are moderate due to seasonable perched water table, unstable when wet, and high frost heave potential. Foundations are rated severe due to seasonal wetness.

***Manawa silty clay loam*** (McA) with 1-3 percent slopes is a gently sloping soil in drainageways and depressions on till plains and in glacial lake basins. They have high available water capacity and slow permeability. The soil has high natural fertility and moderate organic matter content. Runoff is very slow and wetness is the main limitation for this soil. The capability unit is IIw-2. Woodland management has slight and moderate limitations with suggestions to plant sugar maple, American beech, green ash, red maple, white ash and white spruce. Wildlife management has good potential in all areas. Building site development has severe limitations for all types, as well as severe for septic systems.

***Manistee loamy fine sand*** (MeB) with 2-6 percent slopes. This series consists of well drained and moderately well drained, gently sloping soils on lacustrine or till plains. This soil has moderate available water capacity; permeability is rapid in the sandy part and slow in the clayey part. There is low natural fertility and organic matter content. Runoff is slow and droughtiness and soil blowing are the main hazards. The capability unit is IIIe-4. Woodland management has slight and moderate limitations with suggestions to plant sugar maple, American basswood, red pine, red maple, white ash, northern red oak, eastern white pine and white spruce. The potential for wildlife habitat is good in all areas except for wet and wetland conditions. Building site development has severe limitations for all types due to low strength and shrink-swell; roads have slight limitations. Septic systems also have severe limitations due to the slow permeability.

***Manistee fine sandy loam*** (MfB) with 2-6 percent slopes. This series consists of well drained and moderately well drained, gently sloping soils on lacustrine or till plains. This soil has moderate available water capacity; permeability is rapid in the sandy part and slow in the clayey part. There is low natural fertility and organic matter content. Runoff is slow and erosion is a slight hazard. The capability unit is IIIe-4. Woodland management has slight and moderate limitations with

suggestions to plant sugar maple, American basswood, red pine, red maple, white ash, northern red oak, eastern white pine and white spruce. The potential for wildlife habitat is good in all areas except for wet and wetland conditions. Building site development has severe limitations for all types due to low strength and shrink-swell; roads have slight limitations. Septic systems also have severe limitations due to the slow permeability.

Mosel silt loam (MtA) with 0-3 percent slopes. This nearly level and gently sloping soil is in depressions on lacustrine plains and on terraces on outwash plains. They have high available water capacity and permeability is moderate. This soil has high natural fertility and moderate organic matter content. Runoff is very slow and wetness is the main limitation. The capability unit is IIw-2. Woodland management has slight and moderate limitations with suggestions to plant red maple, American basswood, northern red oak, eastern white pine, red pine, and white spruce. Recreation is rated moderate due to excessive wetness. The potential for wildlife habitat is good in all areas. Septic systems and building site development has severe limitations for all types due to wetness.

***Ogden muck*** (Od) consists of very poorly drained organic soils that are moderately deep to clayey material. The soil is only found in Parcel E, where the historic wetland has recently been restored. The soil has very high available water capacity and permeability is moderately rapid in the organic part and slow in the underlying clay. Natural fertility is low and organic matter content is very high. Runoff is very slow and wetness is the main limitation for this soil. The capability unit is IIIw-8. Silver maple and white cedar are the suggested species for tree planting and wetland habitat is rated good. Recreational activities are rated severe due to high water table and periodic ponding. Suitability for any structures or sanitary facilities is rated severe and very severe due to the high water table and organic matter content.

***Onaway loam*** (OhB) with 2-6 percent slopes. This soil consists of well drained and moderately well drained, gently sloping soils on glacial till plains and moraines. Onaway soils have high available water capacity and moderate to moderately slow permeability. There is medium natural fertility and low organic matter content. Runoff is slow and erosion is a slight hazard. The capability unit is IIe-2. There are slight limitations for woodland management; suggested plantings include: sugar maple, quaking aspen, yellow birch, northern red oak, red pine, American basswood, white ash, white spruce, and eastern white pine. Wildlife potential is good for all areas except wet and wetland habitats. Building site development is slight limitations for homes with basements and moderate limitations for commercial and roads due to slope, frost action, and shrink-swell. There is a severe limitation for septic systems due to slow permeability. This soil is considered fair as material for roadfill, with frost action being a limitation.

***Oshkosh silt loam (OnA)*** with 0-2 percent slopes. These soils are deep, well drained and moderately well drained soils on lacustrine plains. They have medium available water capacity and are slowly permeable. Natural fertility is high and organic matter content is low. Runoff is slow and the capability unit is IIs-7. Many tree species are suggested for planting in this soil, including: sugar maple, basswood, white ash, white pine, white spruce, white cedar, Norway spruce, American beech, red maple, white oak, and bur oak. Wildlife habitat is rated good except

for wetlands. Golf courses have a slight rating due to slow permeability; hiking trails and camping have moderate ratings. Roads receive a moderate rating for roads due to low stability and severe for buildings and septic systems due to high shrink-swell potential, low bearing capacity, and slow permeability.

***Oshkosh silt loam (OnB)*** with 2-6 percent slopes. These soils are deep, well drained and moderately well drained soils on lacustrine plains. They have medium available water capacity and are slowly permeable. Natural fertility is high and organic matter content is low. Runoff is slow to medium and erosion is the main limitation. The capability unit is IIe-6. Many tree species are suggested for planting in this soil, including: sugar maple, basswood, white ash, white pine, white spruce, white cedar, Norway spruce, American beech, red maple, white oak, and bur oak. Wildlife habitat is rated good except for wetlands. Golf courses have a slight rating due to slow permeability; hiking trails and camping have moderate ratings. Roads receive a moderate rating for roads due to low stability and severe for buildings and septic systems due to high shrink-swell potential, low bearing capacity, and slow permeability.

***Oshkosh silt loam (OnC2)*** with 6-12 percent slopes. These soils are deep, well drained and moderately well drained soils on lacustrine plains. They have medium available water capacity and are slowly permeable. Natural fertility is high and organic matter content is low. Runoff is medium and erosion is the main limitation. The capability unit is IIIe-6. Many tree species are suggested for planting in this soil, including: sugar maple, basswood, white ash, white pine, white spruce, white cedar, Norway spruce, American beech, red maple, white oak, and bur oak. Wildlife habitat is rated good except for wetlands. Golf courses, hiking trails and camping have moderate ratings. Roads receive a moderate rating for roads due to low stability and severe for buildings and septic systems due to high shrink-swell potential, low bearing capacity, and slow permeability.

***Poygan silty clay loam (Po)*** is a nearly level soil in drainageways and depressions on lacustrine and glacial till plains. This soil has high natural fertility and organic matter content. Runoff is very slow or ponded and wetness is the main hazard. The capability unit is IIw-1. Once established, this soil is well suited for woodlands, however there are severe limitations with planting due to wetness. White ash, red maple, white spruce, and black spruce are suggested species for planting. Wildlife potential is good for all areas. Building site development has severe limitations for all types due to wetness, flooding, and low strength. There are severe limitations for septic systems due to wetness, flooding, and slow permeability. This soil is rated poor for roadfill material due to wetness and low strength.

***Shawano fine sand, hilly (SeD)*** with 12-20 percent slopes is an excessively drained soil on sand dunes in areas of glacial outwash. The available water capacity is low and there is rapid permeability. The soil has low natural fertility and very low organic matter content. Runoff is medium or rapid and erosion is a severe hazard. It is also droughty and maintenance of permanent vegetative cover is suggested. The capability unit is VIIs-9. There are slight to severe limitations for woodland management; northern red oak, red pine, eastern white pine, red maple and paper birch are suggested species for establishment. Wildlife habitat potential is poor and very poor for



all types except wild herbaceous plants have only a fair limitation rating. Building site development and septic systems have severe limitations for all types due to the steep slopes and seepage.

***Shawano loamy fine sand*** (SfB) with 2-6 percent slopes. These soils are deep, excessively drained on sandy lacustrine plains, outwash plains, and ridges. They have low available water capacity and rapid permeability. Natural fertility and organic matter content is low. The soil is subject to blowing and is better suited to trees or wildlife habitat than crops. The capability unit is IVs-3. Jack pine and red pine are suggested species to plant in this soil type. All wildlife habitats are rated good except wetlands because few species are suited to this soil type in wet conditions. Recreation has moderate limitations in all areas due to the difficulty maintaining a good turf grasses. Roads and buildings have slight limitations due to low stability and septic systems have moderate limitations due to danger of contaminating ground water.

***Sisson fine sandy loam*** (ShB) and ***Sisson silt loam*** (SnB) with 2-6 percent slopes. This series consists of deep, well-drained soils on lacustrine plains. They have medium available water capacity and permeability is moderate. Natural fertility is medium and organic matter content is low. Runoff is slow and erosion is the main hazard. The capability unit is IIe-1. Suggested tree plantings include sugar maple, basswood, white ash, black walnut, white pine, white spruce, white cedar and red pine. Wildlife habitats are rated good except in wetlands and all recreational activities listed have slight limitations. Roads have severe limitations due to frost-heave potential, low stability and high erodibility. Buildings and septic systems are have moderate limitations.

***Symco silt loam*** (SyA) with 1-3 percent slopes is in depressions and drainageways on glacial till plains. Symco soils have high available water capacity and moderately slow permeability. The soil has high natural fertility and moderate organic matter content. Runoff is very slow and wetness is the main limitation. The capability unit is IIw-2. There are slight limitations for woodland management and white ash, green ash, northern red oak, sugar maple, American basswood, silver maple, red maple, and white spruce are suggested species for planting. All areas of wildlife habitat receive a rating of good. This soil has severe limitations for homes with basements and roads due to wetness, frost action, and low strength. There is moderate limitations for small commercial buildings due to shrink-swell and low strength. Septic systems have severe limitations also, due to wetness and slow permeability.

***Wauseon fine sandy loam*** (Wa) are deep, poorly drained soils in depressions on glacial till or lacustrine plains. They have medium available water capacity and organic matter content. Natural fertility is low, runoff is slow, and permeability is moderately rapid in the sandy component and slow in the clayey portions. Wetness is the main hazard and the capability unit is IIIw-6. White pine, white spruce, white ash, cottonwood and white cedar are suggested species for planting. Wildlife habitat is rated good for wetlands and poor for other types due to the wetness of the soil. Recreation is rated severe due to high water table and wetness. Roads and buildings have severe limitations due to seasonal high water table and wetness; septic systems have very severe limitations due to the high water table.

## Land Use NRI: Rueden Property

***Yahara fine sandy loam*** (YaA) and ***Yahara silt loam*** (YhA) with 0-3 percent slopes. Yahara soils are deep, somewhat poorly drained soils on glacial lake plains. They have medium available water capacity and moderate permeability. Natural fertility and organic matter content is medium; runoff is slow. Wetness is the main limitation and the capability unit is IIw-2. Trees suggested for planting include: white pine, white spruce, white ash, cottonwood, and white cedar. Wildlife habitat is rated fair due to seasonally wet conditions and all recreational activities are rated moderate due to high water table and difficulty maintaining turf. Roads, buildings with basements, and septic systems have severe limitations due to the seasonal high water table. Buildings without basements are rated moderate due to bearing capacity and subject to liquefaction and piping.

The following table is a summary of suitability of the soil for each general category. Details about each can be found in the narrative preceding this table.

Soil Symbol	Prime Farm	Recreation	Wildlife Habitat	Building Suitability	Septic Suitability	Found in Parcel	Capability Unit
AdA	N	M	F/G	M	Sev	A,C,D	IIIw-6
AeA	N	M	F/G	M	Sev	C,E	IIIw-6
Au	Y W/D	Sev	F/G	Sev	Sev	A	IIw-11
CcB	N	NR	F	S	S	B	IIIe-3
Fu	N	NR	G	Sev	Sev	A	Vw-14
GrB	Y	NR	G	S	M	A	IIE-1
HrB	Y	NR	M	M	NR	A	IIE-1
HrD2	N	NR	NR	Sev	Sev	A	IVe-2
HrE	N	NR	NR	Sev	Sev	A	VIe-1
Ke	Y W/D	Sev	F/G	Sev	Sev	C	IIIw-3
KhB	Y	NR	G	M	Sev	A,C,D,E	IIE-6
KhC2	N	M	F/G	M	Sev	A,C,E	IIIe-6
KhD2	N	S/M	G	Sev	Sev	A,B	IVe-2
KnA	Y W/D	M	M	M	F	B,C	IIw-2
McA	Y W/D	Sev	F/G	Sev	Sev	A,C,D,E	IIw-2
MeB	N	NR	G	Sev	Sev	E	IIIe-4
MfB,	N	NR	G	Sev	Sev	A,C,E	IIIe-4
MtA	N	M	G	Sev	Sev	A	IIw-2

## Land Use NRI: Rueden Property

Od	N	Sev	G	Sev	Sev	E	IIIw-8
OmB	Y	Sev	G	Sev	Sev	D	Ile-6
OnA	Y	S	G	Sev	Sev	C	IIs-7
OnB	Y	S	G	Sev	Sev	B,C,D	Ile-6
OnC2	N	M	G	Sev	Sev	B	IIIe-6
Po	Y W/D	Sev	F/G	Sev	Sev	C,D	Iiw-1
Soil Symbol	Prime Farm	Recreation	Wildlife Habitat	Building Suitability	Septic Suitability	Found in Parcel	Capability Unit
SeD	N	NR	P	Sev	Sev	A	VIIIs-9
SfB	N	M	G	S	M	E	IVs-3
ShB	Y	NR	G	M	M	D	Ile-1
SnB	Y	M	G	M	M	A,C	Ile-1
SyA	Y W/D	M	G	Sev	Sev	A	Iiw-2
Wa	Y W/D	Sev	G	Sev	VS	C	IIIw-6
YaA	Y W/D	M	F	Sev	Sev	E	Iiw-2
YhA	Y W/D	M	F	Sev	Sev	C,E	Iiw-2

Y=Yes, N= No, W/D= Where Drained, F=Fair, S=Slight, G= Good, M=Moderate, P=Poor, Sev= Severe, VS= Very Severe, NR=Not Rated

The Natural Resources Conservation Services (NRCS) has determined that the following soils are Prime Farmland: GrB, HrB, KhB, OhB, OmB, OnA, OnB, ShB, SnA, SnB.

The NRCS has determined that the following soils are considered Prime farmlands when drained: Ke, KnA, McA., Po, Wa, YaA, YhA (see Appendix C1).

***Applicable Laws: No applicable environmental laws or ordinances are in place regarding soils or Prime Farmlands. However, the zoning ordinance may have restrictions for building only on suitable soils. The Zoning Administrator will need to address this issue.***

**GEOLOGIC SETTING:** The Oneida Nation lies on sedimentary rocks of the Paleozoic age; Ordovician rocks dominantly carbonate rocks with lesser amounts of quartzose sandstone, siltstone, and shale.

## Water Resources

**SURFACE WATERS:** There are surface waters on or adjacent to all the parcels inventoried.

*Parcel A* is bordered on the west by Duck Creek. The western area of *Parcel B* borders Silver Creek for a very small stretch. *Parcel C* has Silver Creek flowing through the north west corner

and an un-named tributary to the creek flows through the eastern half of the parcel. *Parcel D* also has a tributary to Silver Creek bisecting the property. *Parcel E* has a small ditch which flows southwesterly from the restored wetland across County Highway U to Silver Creek.

The waterways in *Parcel C* have been field checked by Jim Snitgen, Oneida Water Team Leader, in September 2001. His report states monthly physical parameters, quarterly water quality, and annual biological monitoring is ongoing for Silver Creek. His report, including recommendations regarding Silver Creek and the associated waterways, is found in Appendix D.

**WETLANDS:** A wetland inventory was completed by Tony Kuchma, Tribal Wetland Program Coordinator in August and September, 2001 (see Appendix E for his report). Wetlands are associated with all the waterways on the properties. There is a diversity of types of wetlands including: Riverine, Shrub-Carr, Shallow Marsh, and Hardwood Swamp.

**Parcel A** has a diverse forested wetland associated with Duck Creek. Over 30 plant species were noted during the site visit along with many birds, such as blue wing teal, great blue heron, woodcock and an unidentified owl species. Tracks of white tailed deer, muskrat, and raccoon, as well as trees toppled by beaver, were also observed during the site visit. The overall condition of the wetland is considered good. The enrollment into CRP resulted in a fairly diverse plant community which provides good wildlife habitat.

**Parcel C** has wetlands associated with Silver Creek and its tributaries. Three wetland types are found in this parcel: Shrub-Carr, Hardwood Swamp, and Shallow Marsh. The most degraded wetland is the shrub-carr associated with Silver Creek east of County Highway U due to agricultural impacts. *Phalaris arundinacea* (Reed Canary Grass), an invasive species, is the biggest threat to this wetland and restoration efforts to control further establishment should be implemented considered in the near future. The hardwood swamp also has some degradation, mainly erosion, due to the upland farming practices. Despite the disturbances, the wetland is providing habitat, travel corridors, and recreational values. The shrub-carr associated with the tributary to Silver Creek has a high degree of diversity which makes it a high value wetland. The shallow marsh also has high diversity and provides a buffer between the agriculture lands and creek.

**Parcel D** has a fairly intact sedge meadow within the woodlot on the southeast portion of the property. This is a headwater to a tributary of Silver Creek that has a high diversity of plant species, many of which have cultural uses. The dominant species, lake sedge, removes excess nutrients from the surrounding agricultural lands. The relatively undisturbed condition of the sedge meadow and the resulting degree of diversity make this a high value wetland. Conversely, Reed Canary Grass is invading the fringe of the cultivated field and the low lying area adjacent to the wetland and has formed a monotypic stand in pockets on the northeast part of the tributary which provides less nutrient uptake and no diversity.

**Parcel E** wetlands were not evaluated at this time. In Winter 2000/2001 restoration efforts took place in the historic wetland in the east central portion of the parcel. Two ½ acre ponds and one

Land Use NRI: Rueden Property

1 ½ acre pond were constructed, up to 6 feet deep. This project was funded by a Bureau of Indian Affairs Circle of Flight grant. Monitoring of this restoration effort along with a possible Phase 2 wetland project will commence in 2002.

Recommendations include restoration efforts in areas of Reed Canary Grass invasion and where erosion is degrading the wetlands, establishment of buffers for all wetlands and the creeks, a detailed delineation of all wetlands, monitoring of the sites, and initiating restoration efforts. Detailed recommendations can be found in the wetland reports.

***Applicable Laws: The Oneida Water Quality Standards and the Oneida Water Resource Ordinance apply to Silver Creek and all the unnamed tributaries that are found on these parcels.***

## Living Resources

**WILDLIFE:** Due to the diverse landscapes and habitat available, a large variety of wildlife is known to use this area. A wildlife report was provided by Shad Webster, Director of Conservation, in which he names many species in the area (see Appendix F). Bird species include: Ring-neck pheasants, Hungarian partridge, mallards, wood ducks, and Teals are commonly found. Canvasbacks, Buttleheads, and Golden eyes utilize the area during their migrations. There are also birds of prey found, such as the Red-tail, Marsh and Sharp-shinned hawks. Mammals also use the area for food and shelter, including various squirrel and rabbit species, woodchucks, badgers, raccoons, grey fox, red fox, coyotes as well as white tail deer. This area has had extensive work done by the Conservation Department to re-establish pheasants on native lands. Wetland restoration has also recently been initiated in which more waterfowl species are expected to use the area.

In field visits by Tony Kuchma, Jim Snitgen, and Lisa Miotke, other species such as egrets, green heron, and sandhill cranes were witnessed on the Rueden parcels.

**VEGETATION:** There are some areas of these parcels that are currently farmed by the Oneida Nation Farms, including grains, corn, hay, and beans. All the parcels that are currently in the Conservation Reserve Program (CRP) have been planted with a similar seed mixture with goldenrod and grass species being most dominant. The representative species throughout the site are included in the table below.

Common Name	Scientific Name	Oneida Name
Bitternut Hickory	<i>Carya cordiformis</i>	néhka?
Northern Red Oak	<i>Quercus rubra</i>	kalíhtu
Green Ash	<i>Fraxinus pensylvanica</i>	o?nu •nákántlo
White Ash	<i>Fraxinus americana</i>	ká•nlo
Choke Cherry	<i>Prunus virginiana</i>	tehyako?nyatalaktakhwa

## Land Use NRI: Rueden Property

Common Name	Scientific Name	Oneida Name
Paper Birch	<i>Betula papyrifera</i>	onaho?sha ona ké
Box Elder	<i>Acer negundo</i>	not available
American Hornbeam	<i>Carpinus caroliniana</i>	not available
Bur Oak	<i>Quercus macrocarpa</i>	otagu ó sokwe
Sugar Maple	<i>Acer saccharum</i>	wáhta
American Basswood	<i>Tilia americana</i>	ohó•sela?
White Pine	<i>Pinus strobus</i>	ohnéhta?
Quaking Aspen	<i>Populus tremuloides</i>	onlahtu •tás
Staghorn Sumac	<i>Rhus typhina</i>	yohlahtóhale?
Prickly Ash	<i>Zanthoxylum americanum</i>	otsyu?kwanawá
Willow	<i>Salix</i> spp.	ká•tu
American Elm	<i>Ulmus americana</i>	wanistyakéhsa?
Red Maple	<i>Acer rubrum</i>	a wa háinigwal
Canada Thistle	<i>Cirsium arvense</i>	tsyohuntiká otsyunkwa?
Goldenrod	<i>Solidago</i> species	kayuwá•lak
Queen Anne's Lace	<i>Daucus carota</i>	otsínkwalo?té•la otsítsya
Plantain	<i>Plantago major</i>	átahne •ká
Timothy	<i>Pheum pratense</i>	yohlohtóhale?
Burdock	<i>Arctium minus</i>	olhohte?kó
Great Blue Lobelia	<i>Lobelia siphilitica</i>	not available
Prickly Lettuce	<i>Lactuca scariola</i>	not available
Bittersweet Nightshade	<i>Solanum dulcamara</i>	not available
Velvet Leaf	<i>Abutilon theophrasti</i>	not available
Dandelion	<i>Taraxacum officinale</i>	kátlahte sus káleks onawila
Lady's Thumb Smartweed	<i>Polygonum persicaria</i>	not available
Wild Grape	<i>Vitis riparia</i>	o?nálhal káhik

Land Use NRI: Rueden Property

Common Name	Scientific Name	Oneida Name
Cattail	Typha spp.	hohno tkanotha
Yellow Nut Sedge	Cyperus spp.	not available
Chickory	Cichorium intybus	not available
Fleabane Daisy	Erigeron annuus	not available
Mullein	Verbascum thapsus	Síksik otáhsa
Turk's cap Lily	Lilium superbum	otsí•nkwal ohtehla
Ragweed	Ambrosia artemisifolia	not available
Curly Dock	Rumex crispus	kátlahte • súš
Milkweed	Asclepias incarnata	onitsehwa'ta?
Reed Canary Grass	Phalaris arundinacea	onékli?

A tree survey report was prepared by Dan Brooks, Oneida Tribal Forester, on November 6, 2001. This report is a supplement to the report he completed in 1997. His report also includes the reforestation efforts in the northern portion of Parcel A (2 acres) and surrounding the wetland restoration in the central part of Parcel E. Reforestation in Parcel E is separated in 4 fields totaling 43.6 acres. The species planted include: white oak, bur oak, green ash, white ash, silver maple, sugar maple, red maple, white pine, white spruce. Shrubs planted are red osier dogwood, silky dogwood, American Highbush Cranberry, Common Ninebark. (See Appendix G for the full report).

ECOSYSTEMS/BIOLOGICAL COMMUNITIES: Duck Creek does have a relatively wide woody vegetative cover, as well as the grassland species east of the riparian buffer. The majority of Parcel A, two-thirds of Parcel B, small area of north-central Parcel C, northern third of Parcel D and the central portion of Parcel E is in the Conservation Reserve Program (CRP) which allows for many different species to use the area. There is a total of 292.4 acres in the CRP program at this time. (See Appendix H for CRP information).

The three shallow ponds in the newly restored wetland site in Parcel E, the open water area in Parcel C, and Silver Creek and its tributaries that flow through the remaining parcels allow for many amphibian species, waterfowl, and marsh species to use the area during their life cycles.

Jim Snitgen, Water Resources Team Leader, has stated that the quality of the Silver Creek area should allow for a Brook Trout population if some restoration efforts are allowed. Creating buffers along all the waterways and linking fragmented woodland and riparian corridors will, over time, increase the diversity and number of species using the area.

***Applicable Laws: Conservation Ordinance (hunting), Duck Creek Conservancy Designation***

*requires a 625 foot buffer along Duck Creek.*

## Resource Use Patterns

HUNTING, FISHING, GATHERING: Shad Webster also noted in his report (see Appendix F) that many species are harvested by Oneida community members throughout the hunting seasons. Discussion with staff at the Oneida Museum and the Cultural Heritage Department confirmed the area is used by community members for hunting. No information was given regarding possible gathering sites in the area.

***Applicable Laws: Conservation Ordinance requires a hunting license for hunting on any tribally owned lands.***

TIMBER HARVESTING: Timber harvesting has not occurred recently in the area and is not planned in the future.

***Applicable Laws: Wood Cutting Ordinance requires a permit for cutting of any trees on tribal lands.***

AGRICULTURE: A total of 292.4 acres in portions of all the parcels are in CRP until various dates from October 2002 until 2014. These sites have been planted into grasslands mainly, with small areas devoted to reforestation and wetland restoration. These CRP areas can be seen on the map provided by GLIS and the total acres along with their contract expiration date can be found in Appendix I.

The parcels that have been farmed this year include portions of Parcel C, D & E. Parcel C appears to have been planted in beans however, in a large portion of the site, velvet leaf is dominant. Staking a 40 foot buffer along Silver Creek was completed in Summer 2001 to guide the Oneida Nation Farms during their plowing and planting. This will help to ensure that no disturbance of the soil occurs in this buffer which will aid in water quality enhancement. Parcel D was planted in grains that were harvested prior to the field visit in August 2001. The portion of Parcel E in crop was corn and grains.

RECREATION: There is no established recreational activities on any of the parcels, however, there is a mowed path in the northern field of Parcel D, within the CRP grassland.

CULTURAL AREAS: A small portion of Parcel E is being used by community members for a sweat lodge for ceremonial purposes. This is in the east central part of the parcel, accessed by the dirt driveway south of West Adam Drive.

## Records Review

*CERCLIS Database from US EPA Superfund Program: none*

*Environmental Repair Sites: none*

*DNR Potential Groundwater Contamination Map: 2 L.U.S.T. Sites at Rueden farms on West*



Land Use NRI: Rueden Property

Adam Drive (tanks were pulled at time of purchase). Portions of Parcel C, D & E were used for septic waste spreading in the past, however, this is not considered a concern due to it being over 5 years since that occurred. Also, the septic waste was household, not municipal so the danger of heavy metals accumulating is remote.

*DNR Registered Tanks Map & Listing:* 10 tanks were at the 2 Rueden farms on West Adam Drive (since pulled), 1 is located at 340 Orlando Drive near Parcel D, 1 at N6724 Freedom Road near Parcels A & C, and 2 at 293 Florist Drive near Parcel B.

*Previous Report:*

A *Phase 2 Environmental Site Assessment* was completed by Environmental Compliance Consultants, Inc.(ECCI) on June 8, 1995 prior to the purchase of the area known as the Rueden Property. The Division of Land Management has a full copy of this report. What follows is a summary from this report.

“No Chlorinated herbicides were reported in the soil sample taken in Parcel E, which was a chemical mixing site for the farm. However, there is evidence that a spill of “N28”, a liquid-based nitrogen fertilizer, has taken place there within the fairly recent past. There was a strong odor of ammonia present in the soil.”

ECCI probed the ground beneath the four existing gasoline and diesel fuel ASTs at the two farm sites (demolished in Summer 2001), to check for evidence of spills of these fuels into the soils. Neither of the gasoline ASTs showed any signs of such spillage, and the gasoline AST on farm furthest west on West Adam Drive is located on a concrete slab which lessens the danger of spillage reaching the subsurface environment. Both the diesel fuel ASTs, however showed signs of spillage onto unprotected ground. The spillage noted in the farm stated above appeared to be minor and unsubstantial in nature. The farm further east along West Adam Drive also had a diesel AST which had a spill which appeared more significant.

“The ground outside the entrance to the shed where waste oil was noted in soils on the concrete floor slab was checked for evidence of oil spilling over the threshold. No evidence of this was found at that location. However, evidence of this sort of spillage onto unprotected ground was detected at the southern entrance to the maintenance shed, where spills of apparent waste oil and hydraulic fluid have been allowed to flow off the concrete and onto small are of soil immediately outside the shed.”

ECCI has discovered evidence of “subsurface hydrocarbon fuels contamination of soil, and probably groundwater, in connection with three of the four locations where USTs have been identified as being formerly present. Strong evidence fo both gasoline and diesel fuel contamination has been detected at both farms. In both locations, due to the presence of contaminated soils below the shallow water table, it appears likely that groundwater is also involved and has been contaminated. The existence and extent of this probably groundwater contamination has yet to be confirmed, however. Within the clay soils which prevail near the surface of the first farm site, the migration of contaminated ground water may be limited, however, the silty sand soils of the second farm would tend to allow more rapid migration of

Land Use NRI: Rueden Property

contaminated groundwater, if present.”

ECCI check for the presence of possibly excessive nitrates in the shallow water table northwest of the animal waste settling pond. The laboratory reported stated that any nitrates which might be present are at less than their minimum detection level of 0.1 ppm.

ECCI also checked for the presence of Petroleum Volatile Organic Compounds (PVOCs) in the unprocessed tap water from the drinking water wells at both farms. The laboratory report stated that no detectable amounts of these compounds were present in these samples.”

Additional Information:

The two farmsteads on Parcel C and the one farmstead on Parcel D have all been demolished in recent years. It has been determined that the two wells at the demolition sites have not been properly abandoned. Contact with the Tribal Sanitarian in October 2001 was made to rectify this issue. Diane Wilson at the Division of Land Management confirmed the well at the demolished farmstead on Parcel D, north of Silas Drive, was shared with the neighbor and the connection to this site has been properly abandoned.

## Land Use Restrictions & Recommendations:

### Restrictions in Parcel A:

The Duck Creek Conservancy Resolution established a 1250 foot conservancy buffer for lands bordering Duck Creek. The 1989 Land Use plan identifies this conservancy area “with the exception of the length of Duck Creek extending from King Lane north to Overland Rd. Within this area the zone is a minimum of 600 foot variable band which would include the Creek bed, but fluctuates depending on the land use on adjacent shores.” The southern half of the parcel is in the 1260 foot buffer and the northern half is in reduced buffer area of 600 feet.

Compliance with the Oneida Water Resources Ordinance and Water Quality Standards is required in the event of any development in this Parcel.

Portions of this parcel are within the floodplain. The Shoreland Protection Ordinance does not allow for structures designed for human habitation in the floodplain.

The Woodcutting Ordinance requires a wood cutting permit from the tribal forester before any trees can be destroyed on tribal lands.

### Recommendations in Parcel A:

All waterways and associated wetlands should have a minimum of 100 foot buffer for maintaining and improving water quality. Wildlife corridors and linkages should be established and managed.

Approximately eighty percent of this parcel is enrolled in CRP until 2002, 2007, and 2014. The practices involved were grassland wildlife habitat establishment and reforestation. This land can not be developed prior to their contract expiration without incurring financial penalties payable to

NRCS.

The soils in Parcel A have severe and moderate to severe limitations for septic systems. Building suitability in the middle of the parcel is considered moderate for limitations. The dominating soil type, Kewaunee silt loam, is considered Prime Farmlands by the NRCS.

**Conclusion for Parcel A:**

All of Parcel A should be left for conservancy due to steep slopes, floodplains, Duck Creek buffers, wetlands, and soil limitations for septic. The reforestation areas should be left intact, even after the CRP contract expires.

**Restrictions in Parcel B:**

Compliance with the Oneida Water Resources Ordinance and Water Quality Standards is required in the event of any development in this Parcel.

Portions of this parcel are within the floodplain. The Shoreland Protection Ordinance does not allow for structures designed for human habitation in the floodplain.

The Woodcutting Ordinance requires a wood cutting permit from the tribal forester before any trees can be destroyed on tribal lands.

**Recommendations for Parcel B:**

All waterways and associated wetlands should have a minimum of 100 foot buffer for maintaining and improving water quality. Wildlife corridors and linkages should be established and managed.

Approximately 65% of this parcel is in CRP until the contract expires in 2007. The field is in grasslands and the eastern boundary of the parcel is Silver Creek.

The Kibbie soil type in this parcel has slight limitations for septic systems and moderate limitations for buildings. The adjacent Oshkosh silt loams have severe limitations for septic and buildings. These dominant soils in the parcel are considered Prime Farmlands.

**Conclusions for Parcel B:**

The parcel would be suitable for any land use except for the 100 foot buffer along Silver Creek, once the CRP contract is fulfilled. The buffer should be maintained in perpetuity. Any development in the floodplain is not appropriate.

**Restrictions in Parcel C:**

Compliance with the Oneida Water Resources Ordinance and Water Quality Standards is required in the event of any development in this Parcel.

The Shoreland Protection Ordinance does not allow for structures designed for human habitation in the floodplain.

Land Use NRI: Rueden Property

Forested areas must receive a wood cutting permit from the tribal forester before any trees can be destroyed on tribal lands.

**Recommendations for Parcel C:**

All waterways and associated wetlands should have a minimum of 100 foot buffer for maintaining and improving water quality. Wildlife corridors and linkages should be established and maintained.

The dominant soil types in the parcel, Kewaunee silt loam and Oshkosh silt loams, are rated severe for septic. Kewaunee is rated moderate and Oshkosh is rated severe for buildings. These soils are also designated as Prime Farmlands by the NRCS.

Approximately 13 acres in the north-central portion of the property is in a CRP contract until October 2002. Change in the land use prior to this would result in financial penalties for the Tribe.

**Conclusions for Parcel C:**

This parcel has some limitation with the soils regarding development. If that can be overcome, the site would be appropriate for a variety of land uses. The area of the tributary to Silver Creek should have a 100 foot buffer maintained in perpetuity.

**Restrictions in Parcel D:**

Compliance with the Oneida Water Resources Ordinance and Water Quality Standards is required in the event of any development in this Parcel.

The Woodcutting Ordinance requires a wood cutting permit from the tribal forester before any trees can be destroyed on tribal lands.

**Recommendations for Parcel D:**

All waterways and associated wetlands should have a minimum of 100 foot buffer for maintaining and improving water quality. Wildlife corridors and linkages should be established and maintained.

The dominant soil types in the parcel, Kewaunee silt loam and Oshkosh silt loams, are rated severe for septic. Kewaunee is rated moderate and Oshkosh is rated severe for buildings. These soils are also designated as Prime Farmlands by the NRCS.

CRP contract involves approximately 61 acres in the northern half of the property. This contract expires in October 2002. Financial penalties would result if the land use changes prior to this date.

**Conclusions for Parcel D:**

The southern portion of the parcel has some limitation with the soils regarding development. If that can be overcome, the site would be appropriate for a variety of land uses. The area of the tributary to Silver Creek should have a buffer maintained in perpetuity.

Land Use NRI: Rueden Property

**Restrictions in Parcel E:**

Compliance with the Oneida Water Resources Ordinance and Water Quality Standards is required in the event of any development in this Parcel.

The Woodcutting Ordinance requires a wood cutting permit from the tribal forester before any trees can be destroyed on tribal lands.

**Recommendations in Parcel E:**

All waterways and associated wetlands should have a minimum of 100 foot buffer for maintaining and improving water quality. Wildlife corridors and linkages should be established and maintained.

The northwestern portion of the parcel has been designated to the Cemetery Board for development of a non-denominational cemetery. A large portion of Parcel E has been committed to wetland restoration and reforestation activities.

The CRP contract for the central portion comprising approximately 93 acres and expires in October 2014. This includes wetland restoration, grassland & shrub plantings, and reforestation. Any change in land use prior to 2014 would result in financial penalties for the Tribe. There is also a small 5 acre area in a CRP contract that expires in October 2002. This area is about a 1/4 mile north of Fernando Drive.

The dominant soil type in the parcel, Kewaunee silt loams, are rated severe for septic. Kewaunee is rated moderate for buildings. These soils are also designated as Prime Farmlands by the NRCS. The central and northeastern portion are rated severe for septic and buildings.

**Conclusions for Parcel E:**

Due to the traditional cemetery that will be in the northern 50 acres and the wetland restoration and reforestation efforts in the central portion of the property, it would be appropriate to devote the whole parcel to conservancy. This large parcel would be used by tribal members for hunting and gathering of medicinal plants. Further use by the community may include hiking & biking trails, camping facilities or other recreational uses. The recreational uses could be implemented outside the CRP contract area prior to 2014.

## General Comments:

The 496.5 acres listed as "Restricted" by the GLIS map, dated 8/14/01, should not be developed due to their environmental significance or contract status. Waterways and wetlands associated with Silver Creek should all have at least a 100 foot buffer to help protect and improve water quality from runoff and sediment loading. The 650 foot buffer surrounding Duck Creek, as detailed in the Duck Creek Conservancy Resolution, must be respected to ensure water quality is protected. It is also recommended that the lands currently under CRP contract stay in wildlife cover even after the contract has expired. All woodlots and areas of reforestation should be left in forest cover and managed by the Conservation Department.

Land Use NRI: Rueden Property

The buffers around all waterways and wetlands will provide wildlife corridors. Further corridor linkages to existing woodlots and natural areas will increase wildlife presence and diversity in the area. The buffers will also improve water quality which will increase the diversity of the invertebrate and vertebrate communities.

Recommendations also include restoration efforts in areas of Reed Canary Grass invasion and where erosion is degrading the wetlands, a detailed delineation of all wetlands including their functions and values, monitoring of the sites, and initiating restoration efforts. Detailed recommendations can be found in the wetland reports.

In regards to development of the site, research has shown that degradation of water quality, quantity and stream morphology starts to occur when impervious surfaces reach 10% of the land use. Once impervious surface areas reach 25%-40%, streams no longer can support biological and human uses (see Appendix I for more details).

***In the event of development of restricted areas, mitigation is required for replacement of trees or wetlands if impacted by the development project.***

## References:

Brown County Soil Survey, 1974  
Brown County Atlas & Plat Book, 2000  
Outagamie County Soil Survey, 1978  
Outagamie County Atlas & Plat Book, 1999  
Geologic Map of the Lake Superior Region, US Geologic Survey, 1975

## Appendices:

A1: GLIS Location Map  
A2: GLIS Site Map with Parcels Labeled  
A3: Photographs of site visit, August 2001  
B: GLIS Topographic Maps  
C: Soils Maps  
C1: Soil Symbols & Prime Farmland Listing  
C2: Soil Capability Units  
D: Water Team Report  
E: Wetland Coordinator Report  
F: Wildlife Report  
G: Tree Survey Report  
H: CRP Lands Table & Map  
I: Impervious Surface Impacts Summary

## Authorization:

Land Use NRI: Rueden Property

Prepared by: \_\_\_\_\_ Date \_\_\_\_\_  
Lisa Miotke, Environmental Specialist

Reviewed by: \_\_\_\_\_ Date \_\_\_\_\_  
Jim Snitgen, Interim Environmental Quality Director

LU001A Land Use  
Natural Resources  
Inventory: NW1/4,  
Section 15, T23N, R19E

Oneida Parcel # None Given

Date: September , 2001

Prepared for: Land Use Technical Unit



Prepared by: Lisa Miotke, Environmental Specialist

## Table of Contents

Purpose of Report: .....	1
Existing Environment: .....	1
Location .....	1
Land Resources .....	1
Water Resources .....	4
Living Resources .....	5
Resource Use Patterns .....	6
Records Review: .....	6
Discussion: .....	8
Recommendations: .....	8
Appendices .....	9
References .....	9
Consultation & Coordination: .....	9
Authorization: .....	9

## Purpose of Report:

This report is being prepared for the Land Use Technical Unit for the Land Use Designation Process of the Oneida Land Commission. Recommendations by the Environmental Quality Department for consideration of land use designation will be based on the physical features of the land, applicable laws, and overall goals of the department .

## Existing Environment:

**Location:** This portion of the property formerly known as the Rueden Farm is located in the NW 1/4 of Section 15, Township 23 North, Range 19 East in the Town of Hobart, Brown County, on the Oneida Reservation in Wisconsin. A total of 50.92 acres is being evaluated (see Appendix A):

### Land Resources

**TOPOGRAPHY:** The following topographic information is taken from GLIS maps which include the Army Corp of Engineers 2 foot contours. (See Appendix B). The site, in general, does slope from a high in the east to low in the west. The parcel ranges from a high point of 714 feet above sea level in the most southeasterly portion of the parcel to about 690 feet above sea level at the western boundary of County Highway U.

**Applicable Laws:** *The Oneida Shoreland Protection Ordinance designates areas of slopes greater than 12 percent, adjacent to the floodplain, as “environmentally significant districts”. There are no areas of steep slopes in the area.*

**SOILS:** The following soils information is found in the Soil Survey Reports for Brown Counties. (See Appendix C & C1 for soil map and capability unit descriptions.) Soils that are found in large areas throughout the reviewed parcels are underlined. A summary table of building suitability is after the narrative of each soil type.

*Allendale fine sandy loam (AeA)* with 0-3 percent slopes. These soils are deep, somewhat poorly drained on lacustrine plains. They have medium available water capacity. The sandy part of the profile has rapid permeability and the clayey portion has slow permeability. In wet seasons, water remains above the slowly permeable substratum. Natural fertility and organic matter content are low and runoff is slow. Wetness is the main limitation. The capability unit is IIIw-6. White pine, white spruce, white ash, cottonwood, and white cedar are suggested tree species for woodland planting. Herbaceous and woody plantings are rated fair due to seasonally wet conditions and grass competition. Shallow wetlands receive a rating of good. Recreational activities such as hiking trails, golf courses, and camping have moderate limitations due to wet conditions. Suitability for foundations and roads are moderate due to seasonable perched water table and low stability; septic systems have severe limitations due to seasonal perched water table.

*Kewaunee silt loam (KhB)* with 2-6 percent slope. This series consists of well drained and

moderately well drained soils on glacial till plains. There is moderate available water capacity and permeability is moderately slow and slow. This soil has high natural fertility and low organic matter content. Runoff is medium and erosion is a slight hazard. The capability unit is IIe-6. There are slight limitations for woodland management; species suggested include northern red oak, sugar maple, white ash, eastern white pine, red pine, white spruce, and American basswood. Wildlife potential is good for all except wet and wetland areas. Building site development has moderate limitations due to shrink-swell and low strength; roads and streets have severe limitations; and septic systems have severe limitations due to a slow permeability. Use of this soil for roadfill is poor due to low strength.

*Manawa silty clay loam* (McA) with 1-3 percent slopes is a gently sloping soil in drainage ways and depressions on till plains and in glacial lake basins. They have high available water capacity and slow permeability. The soil has high natural fertility and moderate organic matter content. Runoff is very slow and wetness is the main limitation for this soil. The capability unit is IIw-2. Woodland management has slight and moderate limitations with suggestions to plant sugar maple, American beech, green ash, red maple, white ash and white spruce. Wildlife management has good potential in all areas. Building site development has severe limitations for all types, as well as severe for septic systems.

*Manistee loamy fine sand* (MeB) with 2-6 percent slopes. This series consists of well drained and moderately well drained, gently sloping soils on lacustrine or till plains. This soil has moderate available water capacity; permeability is rapid in the sandy part and slow in the clayey part. There is low natural fertility and organic matter content. Runoff is slow and droughtiness and soil blowing are the main hazards. The capability unit is IIIe-4. Woodland management has slight and moderate limitations with suggestions to plant sugar maple, American basswood, red pine, red maple, white ash, northern red oak, eastern white pine and white spruce. The potential for wildlife habitat is good in all areas except for wet and wetland conditions. Building site development has severe limitations for all types due to low strength and shrink-swell; roads have slight limitations. Septic systems also have severe limitations due to the slow permeability.

*Manistee fine sandy loam* (MfB) with 2-6 percent slopes. This series consists of well drained and moderately well drained, gently sloping soils on lacustrine or till plains. This soil has moderate available water capacity; permeability is rapid in the sandy part and slow in the clayey part. There is low natural fertility and organic matter content. Runoff is slow and erosion is a slight hazard. The capability unit is IIIe-4. Woodland management has slight and moderate limitations with suggestions to plant sugar maple, American basswood, red pine, red maple, white ash, northern red oak, eastern white pine and white spruce. The potential for wildlife habitat is good in all areas except for wet and wetland conditions. Building site development has severe limitations for all types due to low strength and shrink-swell; roads have slight limitations. Septic systems also have severe limitations due to the slow permeability.

*Oshkosh silt loam* (OnA) with 0-2 percent slopes. These soils are deep, well drained and

moderately well drained soils on lacustrine plains. They have medium available water capacity and are slowly permeable. Natural fertility is high and organic matter content is low. Runoff is slow and the capability unit is IIs-7. Many tree species are suggested for planting in this soil, including: sugar maple, basswood, white ash, white pine, white spruce, white cedar, Norway spruce, American beech, red maple, white oak, and bur oak. Wildlife habitat is rated good except for wetlands. Golf courses have a slight rating due to slow permeability; hiking trails and camping have moderate ratings. Roads receive a moderate rating for roads due to low stability and severe for buildings and septic systems due to high shrink-swell potential, low bearing capacity, and slow permeability.

*Poygan silty clay loam* (Po) is a nearly level soil in drainageways and depressions on lacustrine and glacial till plains. This soil has high natural fertility and organic matter content. Runoff is very slow or ponded and wetness is the main hazard. The capability unit is IIw-1. Once established, this soil is well suited for woodlands, however there are severe limitations with planting due to wetness. White ash, red maple, white spruce, and black spruce are suggested species for planting. Wildlife potential is good for all areas. Building site development has severe limitations for all types due to wetness, flooding, and low strength. There are severe limitations for septic systems due to wetness, flooding, and slow permeability. This soil is rated poor for roadfill material due to wetness and low strength.

*Shawano loamy fine sand* (SfB) with 2-6 percent slopes. These soils are deep, excessively drained on sandy lacustrine plains, outwash plains, and ridges. They have low available water capacity and rapid permeability. Natural fertility and organic matter content is low. The soil is subject to blowing and is better suited to trees or wildlife habitat than crops. The capability unit is IVs-3. Jack pine and red pine are suggested species to plant in this soil type. All wildlife habitats are rated good except wetlands because few species are suited to this soil type in wet conditions. Recreation has moderate limitations in all areas due to the difficulty maintaining a good turf grasses. Roads and buildings have slight limitations due to low stability and septic systems have moderate limitations due to danger of contaminating ground water.

*Yahara fine sandy loam* (YaA) with 0-3 percent slopes. Yahara soils are deep, somewhat poorly drained soils on glacial lake plains. They have medium available water capacity and moderate permeability. Natural fertility and organic matter content is medium; runoff is slow. Wetness is the main limitation and the capability unit is IIw-2. Trees suggested for planting include: white pine, white spruce, white ash, cottonwood, and white cedar. Wildlife habitat is rated fair due to seasonally wet conditions and all recreational activities are rated moderate due to high water table and difficulty maintaining turf. Roads, buildings with basements, and septic systems have severe limitations due to the seasonal high water table.

The following table is a summary of suitability of the soil for each general category. Details about each can be found in the narrative preceding this table.

Soil Symbol	Prime Farm	Recreation	Wildlife Habitat	Building Suitability	Septic Suitability
-------------	------------	------------	------------------	----------------------	--------------------

## Land Use NRI: Rueden Property

AeA	N	M	F/G	M	Sev
McA, Po,	Y W/D	Sev	F/G	Sev	Sev
MeB, MfB,	N	NR	G	Sev	Sev
KhB	Y	NR	G	M	Sev
OnA	Y	S	G	Sev	Sev
YaA	Y W/D	M	F	Sev	Sev

Y=Yes, N= No, W/D= Where Drained, F=Fair, S=Slight, G= Good, M=Moderate, Sev= Severe, VS= Very Severe, NR=Not Rated

The Natural Resources Conservation Services (NRCS) has determined that the following soils are Prime Farmland: KhB and OnA.

The NRCS has determined that the following soils are considered Prime farmlands when drained: McA., Po, and YaA (see Appendix D).

Soil boring analysis was completed in July 2001, by Midwest Engineering Services, Inc. Nine test pits were dug. In all pits the top 8-14 inches were sandy silt and clayey silt topsoils with trace amounts of organic matter. The underlying soils were generally silt, sandy silt and clayey silt soils which are moisture sensitive and disturbance sensitive when wet. Based on their observations and the soil types, it appears the central and western portions of the site are affected by a relatively shallow water level. This may be the result of a “perched water table”. A copy of this report (MES Report No. 3-13080R) is in the file located in the Oneida Environmental, Health & Safety Department.

**Applicable Laws: No applicable environmental laws or ordinances are in place regarding soils or Prime Farmlands. However, the zoning ordinance may have restrictions for building on only suitable soils. *The Zoning Administrator will need to address this issue.***

**GEOLOGIC SETTING:** The Oneida Nation lies on sedimentary rocks of the Paleozoic age; Ordovician rocks dominantly carbonate rocks with lesser amounts of quartzose sandstone, siltstone, and shale.<sup>1</sup>

## Water Resources

**SURFACE WATERS:** There are no surface waters on or adjacent to the parcel inventoried as noted on the US Geological Survey map from 1995 (Appendix E) or through field visits in summer 2001. The farmland to the south does have a drainage ditch allowing water to flow southwest and across County Highway U. In winter 2000-2001, 3 large wetland ponds were constructed approximately 1200 feet to the southeast of the proposed cemetery parcel; two are approximately an acre each and one is about 1 ½ acres. They are 3-6 feet deep.

WETLANDS: The DNR Wetland Inventory does not show any wetlands on the site. In addition, the Natural Resources Conservation Service map did not show any wetlands on site. Jim Hunt, Brown County NRCS Soil Scientist completed a wetland inventory in 1995 in which he surveyed the woodlots; no wetlands were found at that time. (See Appendix F). The wetland restoration of three constructed shallow ponds are approximately 1200 feet to the southeast.

***Applicable Laws: The Oneida Water Resource Ordinance and Oneida Water Quality Standards are applicable to all tribal lands, however, no surface waters or wetlands exist on this property.***

## Living Resources

WILDLIFE: In a Wildlife Report by Shad Webster, Director of Conservation, September 2001, he discusses the diverse landscapes and habitat available, in which a large variety of wildlife is known to use the whole area known as the Rueden Property (see Appendix G). This 50.92 acre parcel is part of the Rueden farm comprised of more than 1,000 acres. Species known to exist include: Ring-neck pheasants, Hungarian partridge, mallards, wood ducks, and Teals are commonly found. Canvasbacks, Buttleheads, and Golden eyes utilize the area during their migrations. There are also birds of prey found, such as the Red-tail, Marsh and Sharp-shinned hawks. Mammals also use the area for food and shelter, including various squirrel and rabbit species, woodchucks, badgers, raccoons, grey fox, red fox, coyotes as well as white tail deer. This area has had extensive work done by the Conservation Department to re-establish pheasants on native lands. Wetland restoration has also recently been initiated in which more waterfowl species are expected to use the area.

In a field visit by Lisa Miotke in Summer 2001, an egret was witnessed in the newly constructed pond south of this site.

VEGETATION: The area has 2 small woodlots, totaling approximately 13 acres. The rest of the parcel had been farmed by the Oneida Nation Farms; in 2001, winter wheat was harvested. Directly to the south, a large parcel is currently in the Conservation Reserve Program (CRP). Dan Brooks, Tribal Forester, has prepared a Tree Survey Report in 1997 (see Appendix H). The representative species are included in the table below.

Common Name	Scientific Name	Oneida Name
American Basswood	<i>Tilia americana</i>	ohó'sela?
Bitternut Hickory	<i>Carya cordifomris</i>	néhka?
White Ash	<i>Fraxinus americana</i>	ká'nlo
Ironwood	<i>Ostrya Virginiana</i>	o?te lótsj
Musclewood	<i>Carpinus caroliana</i>	not available

Land Use NRI: Rueden Property

Sugar Maple	<i>Acer saccharum</i>	wáhta
American Elm	<i>Ulmus americana</i>	wanistyakéhsa?
Baneberry	<i>Actaea spp.</i>	Not available
May Apple	<i>Pokophyllum peltatum</i>	ono'ótste?
Blackberry	<i>Rubus allegheniensis</i>	sé'yes

***Applicable Laws: The Wood Cutting Ordinance is applicable if tree cutting would occur in the woodlots.***

## Resource Use Patterns

HUNTING, FISHING, GATHERING: Shad Webster also noted in his report (see Appendix G) that many bird, waterfowl, and small mammal species are found in this area. Some of these wildlife species are hunted by Oneida community members throughout the hunting seasons. The whole 1000 acre Rueden Farm is known to be utilized by community members for hunting and gathering of medicines, however, if this occurs on this 50 acre parcel is yet unknown.

***Applicable Laws: Conservation Ordinance (hunting).***

TIMBER HARVESTING: Timber harvesting has not occurred recently in the area and is not planned in the future.

***Applicable Laws: Wood Cutting Ordinance.***

AGRICULTURE: Approximately 38 acres of the total 59.92 acres has been actively farmed by the Oneida Nation Farms. In 2001, winter wheat was harvested off the site. To the south of this parcel, portions of the property are in CRP until 2014. These sites have been planted into grasslands, with small areas devoted to reforestation and wetland restoration.

RECREATION: There is no established recreational activities on the parcels.

## Records Review

A *Phase 2 Environmental Site Assessment* was completed by Environmental Compliance Consultants, Inc.(ECCI) on June 8, 1995 prior to the purchase of the area known as the Rueden Property. The Division of Land Management has a full copy of this report. What follows is a summary from this report.

“No Chlorinated herbicides were reported in the soil sample taken in Parcel E, which was a

chemical mixing site for the farm. However, there is evidence that a spill of "N28", a liquid-based nitrogen fertilizer, has taken place there within the fairly recent past. There was a strong odor of ammonia present in the soil.

ECCI probed the ground beneath the four existing gasoline and diesel fuel ASTs at the two farm sites (demolished in Summer 2001), to check for evidence of spills of these fuels into the soils. Neither of the gasoline ASTs showed any signs of such spillage, and the gasoline AST on farm furthest west on West Adam Drive is located on a concrete slab which lessens the danger of spillage reaching the subsurface environment. Both the diesel fuel ASTs, however showed signs of spillage onto unprotected ground. The spillage noted in the farm stated above appeared to be minor and unsubstantial in nature. The farm further east along West Adam Drive also had a diesel AST which had a spill which appeared more significant.

The ground outside the entrance to the "shed where waste oil was noted in soils on the concrete floor slab was checked for evidence of oil spilling over the threshold. No evidence of this was found at that location. However, evidence of this sort of spillage onto unprotected ground was detected at the southern entrance to the maintenance shed, where spills of apparent waste oil and hydraulic fluid have been allowed to flow off the concrete and onto small areas of soil immediately outside the shed.

ECCI has discovered evidence of subsurface hydrocarbon fuels contamination of soil, and probably groundwater, in connection with three of the four locations where USTs have been identified as being formerly present. Strong evidence for both gasoline and diesel fuel contamination has been detected at both farms. In both locations, due to the presence of contaminated soils below the shallow water table, it appears likely that groundwater is also involved and has been contaminated. The existence and extent of this probably groundwater contamination has yet to be confirmed, however. Within the clay soils which prevail near the surface of the first farm site, the migration of contaminated ground water may be limited, however, the silty sand soils of the second farm would tend to allow more rapid migration of contaminated groundwater, if present.

ECCI checked for the presence of possibly excessive nitrates in the shallow water table northwest of the animal waste settling pond. The laboratory report stated that any nitrates which might be present are at less than their minimum detection level of 0.1 ppm.

ECCI also checked for the presence of Petroleum Volatile Organic Compounds (PVOCs) in the unprocessed tap water from the drinking water wells at both farms. The laboratory report stated that no detectable amounts of these compounds were present in these samples."

The Wisconsin Department of Natural Resources *Possible Groundwater Contamination Map* shows the two LUST sites at the 2 farmsteads north of West Adam Drive. These two LUST sites have been closed as of 1998 and 1999. Portions of Parcel C, D, & E have had septic



Land Use NRI: Rueden Property

waste spreading on the farmland in the past. Spreading of household septic waste has not occurred in recent years and is not considered to be a health issue.

There are also Registered UST at various places near and on this site. A map provided by GLIS of “Registered UST Sites” shows 10 tanks mapped in along West Adam Drive, however, they were actually on the two farmsteads to the north of Adam Drive. These two farmsteads were reviewed by the ECCI and all tanks were removed before the buildings were demolished. These were registered tanks that had no known evidence of leaking or associated contamination.

The CERCLIS database from the US Environmental Protection Agency, Superfund Program does not list any Superfund sites in this area.

## Discussion Of Possible Land Uses:

Due to the vast number of possible land uses, this section will discuss the areas that are unsuitable for a specific type of activity.

**RESIDENTIAL:** The 13 acres of woodlots would be considered unsuitable for any development due to their value in the landscape for wildlife habitat. A wood cutting permit from the Tribal Forester and mitigation of any trees would be required in the event they are cut. Soils in this area have severe limitations for septic systems. The middle and southern two-thirds of the parcel have moderate limitations for building development, and the eastern one-third and a small area in the northwest corner has severe limitations for buildings, based on the soils.

**COMMERCIAL:** Same as above.

**INDUSTRIAL:** Same as above.

**MUNICIPAL:** Same as above.

**TRANSPORTATION:** Same as above.

**AGRICULTURAL:** The whole parcel has soils that are considered “Prime Farmlands” or “Prime Farmlands when drained” by the Natural Resources Conservation Service due to their properties that do not require any or very limited modifications to produce a given volume of crops. A very small area in the south central portion of the property is not considered “Prime”. Soils not listed as “Prime” may be farmed but will not produce the same volume of crops without moderate or significant modifications to the land. No areas of this parcel would be considered unsuitable for farming.

**RECREATIONAL/CONSERVANCY:** All areas of the site are suitable for wildlife habitat, conservancy or recreation. Creating linkages between the two woodlots to other woodlots,

Land Use NRI: Rueden Property

streams, or conservancy areas would provide wildlife corridors and increase habitat in the area.

## Recommendations:

The 13 acres listed as “Restricted” by the GLIS map, dated 10/24/01 should not be developed due to their environmental significance in the landscape. The small mature woodlots provide habitat for various species in this rural, agricultural area.

## Appendices:

- A: Land Use Site Analysis GLIS map , 2001
- B: GLIS “Proposed Cemetery Property” map, 2001
- C: Soil Survey Map
- C1: Soil Capability Units
- D: Prime Farmland Listing
- E: USGS Topographic Map, 1995
- F: NRCS Wetland Inventory Map
- G: Wildlife Report, Shad Webster, 2001
- H: Tree Survey Report, Dan Brooks, 1997

## References:

- Geologic Map of the Lake Superior Region, US Geologic Survey, 1975
- Soil Survey of Brown County, US Department of Agriculture, 1974

## Consultation & Coordination:

- Various tribal staff have provided information for this report:
- \*GLIS staff provided maps
- \*Conservation staff provided input regarding the tree and wildlife surveys.
- \*Division of Land Management provided the *Phase 2 Environmental Site Assessment Report*

## Authorization:

Prepared by: \_\_\_\_\_ Date \_\_\_\_\_  
 Lisa Miotke, Environmental Specialist

Reviewed by: \_\_\_\_\_ Date \_\_\_\_\_  
 Jennifer Hill-Kelley, Environmental Quality Director

Land Use NRI: Rueden Property



## Capital Improvement Process (CIP) - Client Division Director Approval Form

To: Nicole Rommel - EHSLA Division Director  
Through: Jacy Rasmussen - Administrative Assistant - EHSLA Division  
From: Paul J. Witek – Engineering Director / Senior Architect  
Date: February 4, 2022  
Re: Sacred Burial Grounds Expansion CDC #21-114

I have reviewed the attached Capital Improvement Process (CIP) document identified below for the above noted project and approve of the project moving into the next phase of the CIP Process

- Concept Paper – dated: n/a
- CDC Approval Package – dated: 2/03/2022

Nicole Rommel

Digitally signed by Nicole Rommel  
Date: 2022.02.09 08:50:36 -06'00'

Nicole Rommel - EHSLA Division Director

Date

Form CIP-05  
Rev. Dec. 4, 2017

# Memo

**To:** Oneida Business Committee  
**From:** Paul J. Witek, AIA, LEED-AP – Engineering Director / Senior Architect  
**CC:** Project Team  
**Date:** 5/26/2022  
**Re:** Sacred Burial Grounds Expansion CDC #21-114

---

The following are the project team's responses to the comments received from the various review entities of the Capital Improvement Process (CIP) regarding the CDC Approval Package for this project.

## **EHSLA Division – Environmental Quality Department**

**Comment:** We have reviewed the materials provided. We have no comments at this time.  
The Environmental Section states *“An assessment will be initiated once the project has been approved and the design is at a stage where there is sufficient information to request and conduct the assessment.”*  
When the design is at that stage, it would be appropriate then for us to conduct a more thorough review.

**Response:** Site plans will be submitted for review when they are completed.

## **EHSLA Division – ECO-Services Department**

**Comment:** No comments received.  
Project Team received acknowledgement of receipt on 2/10/22, but no comments.

**Response:** N/A

**EHSLA Division – Land Management Department**

Comment: IV. Facility Concept and Space Requirements – C.2. states: “*Removal of drive/access to Where the Water Birds Nest.*”

Reasoning for removal of this driveway / access?

Response: The removal of the driveway is due to issues with people who were accessing *Where the Water Birds Nest* disrupting burial services and impacting cemetery vehicle traffic by parking near the existing gate. This *Where the Water Birds Nest* access point should be for maintenance personnel only, however, the general public is using it which have resulted in complaints from community members concerned about the safety and sanctity of the cemetery.

Alternative access for maintenance will be reviewed during the design phase of the project.

**Land Commission**

Comment: Motion by Sidney White to approve without written comment regarding # 21-114 Sacred Burial Grounds Expansion CDC approval package, seconded by Julie Barton. Motion carried: Ayes: Julie Barton, Sherrole Benton, Patricia Cornelius; Opposed: Frederick Muscavitch; Abstained: Sidney White.

For the record: Frederick Muscavitch opposed due to ponding and water levels and Sidney White abstained due to the exclusion of the comments.

Response: N/A

**Environmental Resource Board**

Comment: ERB is not meeting at this time due to a lack of members (quorum, need at least 5 members present).

Response: N/A

**Chief Financial Officer**

Comment: Approval is subject to and conditional requiring adherence to the Audit Law, CFR200, and Purchasing Policies and Procedures in which cites the 3 (three) bid protocol/requirement.

Response: Contracts awarded for this project will follow all applicable policies, procedures, and resolutions.

**Division of Public Works Director**

Comment: No comments received.

Response: N/A – on Project Team.

**CIP BUDGET ACTIVATIONS 2022**

Revised: 03/09/22

Project No.	Project Title	CIP \$ App'd FY 2022	Activated Amount	Date Activation Approved	Unactivated Balance	Notes
07-002	SSB Remodel - Phase V	3,386,000	3,386,000	12/22/21	0	A
15-003	NHC Remodeling - Phase VIII - Stage 4a	300,000	300,000	12/22/21	0	A
20-101	Museum Relocation	300,000	300,000	12/22/21	0	A
21-104	Gaming Commission Relocation	745,000	745,000	03/09/22	0	A
21-106	Amelia Cornelius Culture Park - Property Repairs	765,000			765,000	A
21-114	Sacred Burial Grounds Expansion	150,000			150,000	A
<b>TOTALS:</b>		<b>5,646,000</b>	<b>4,731,000</b>		<b>915,000</b>	

**Adjustments**


**Notes:**

A. Funding source: Tribal Contribution



Approve contract amendment - Memorandum of Understanding with Brothertown Indian Nation - file #...

## Business Committee Agenda Request

1. Meeting Date Requested: 06/8/22

2. Session:

Open  Executive – must qualify under §107.4-1.

Justification:

3. Requested Motion:

Accept as information; OR

### Approve contract 2016-0432 – Amendment to the Memorandum of Understanding with the Brothertown Indian Nation

4. Areas potentially impacted or affected by this request:

Finance

Programs/Services

Law Office

MIS

Gaming/Retail

Boards, Committees, or Commissions

Other: *Describe*

5. Additional attendees needed for this request:

Robert Fowler, Chairman of the Brothertown Indian Nation

Courtney Gerztich, Brothertown Indian Nation

Phyllis Tousey, Brothertown Indian Nation

Jessica Ryan, Vice Chair of the Brothertown Indian Nation

**6. Supporting Documents:**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Bylaws                    | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation           |
| <input type="checkbox"/> Contract Document(s)      | <input type="checkbox"/> Law                     | <input type="checkbox"/> Report                 |
| <input checked="" type="checkbox"/> Correspondence | <input checked="" type="checkbox"/> Legal Review | <input type="checkbox"/> Resolution             |
| <input type="checkbox"/> Draft GTC Notice          | <input type="checkbox"/> Minutes                 | <input type="checkbox"/> Rule (adoption packet) |
| <input type="checkbox"/> Draft GTC Packet          | <input checked="" type="checkbox"/> MOU/MOA      | <input type="checkbox"/> Statement of Effect    |
| <input type="checkbox"/> E-poll results/back-up    | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents       |
| <input type="checkbox"/> Other: <i>Describe</i>    |  |   |

**7. Budget Information:**

- |   |  |
|---|--|
| <input type="checkbox"/> Budgeted – Tribal Contribution | <input type="checkbox"/> Budgeted – Grant Funded   |
| <input type="checkbox"/> Unbudgeted                     | <input checked="" type="checkbox"/> Not Applicable |
| <input type="checkbox"/> Other: <i>Describe</i>         |  |

**8. Submission:**

Authorized Sponsor: Melinda J. Danforth, Intergovernmental Affairs Director

Primary Requestor: (Name, Title/Entity)



## MEMORANDUM

TO: Oneida Business Committee

FROM: Melinda J. Danforth, Director *mjd*  
Intergovernmental Affairs

DATE: May 23, 2022

SUBJECT: **Contract 2016-0432 – Amendment to the 2016 Memorandum of Understanding with the Brothertown Indian Nation**

Contract 2016-0432, an amendment to the 2016 Memorandum of Understanding with the Brothertown Indian Nation, is being presented to the Oneida Business Committee for approval.

**Background**

On September 14, 2010, the Oneida Nation paid \$75,000 to a private collector, for historical materials (now known as the Brothertown Collection or Collection) on behalf of the Brothertown Indian Nation. The collection was placed in the care of the Oneida Cultural Heritage Department for professional management, until the Brothertown Indian Nation completed payment for the collection. Since then, the Brothertown Indian Nation has repaid \$25,000,<sup>1</sup> and had the records digitized. The collection continues to require professional maintenance and space.

At the Business Committee Work Session of March 16, 2021, the Oneida Business Committee took the following action.

*March 16, 2021, BC Work Session: “BC SUPPORTS A TRADITIONAL SETTLEMENT OF THE DEBT; SECRETARY’S OFFICE WILL COMPLETE THE FOLLOW-UPS NEEDED TO COMPLETE THIS PLAN.”*

In January 2022, IGAC was requested to complete this task. On January 14, 2022, Chairman Hill and I met with the Brothertown Indian Nation to discuss a resolution of support for federal recognition, the Brothertown Collection, and the proposed amendment to the 2016 Memorandum of Understanding. At that time, it was agreed the Brothertown Indian Nation would consider a traditional settlement, and they would propose ideas.

Based upon a recommendation from the former Tribal Secretary and our cultural advisors, the Brothertown proposed to provide \$500 worth of calico, a museum grade digital copy of the

---

<sup>1</sup> January 10, 2022 email from Accounting, Connie Brunette.

collection, and a strand of wampum, all of which will be presented in 2023 at the Oneida Nation's Bicentennial celebration.

The attached amendment to the Memorandum of Understanding has been presented to the Brothertown Indian Nation for concurrence, and the legal review from the Oneida Law Office is attached.

I am respectfully requesting the Oneida Business Committee's approval of Contract **2016-0432 – Amendment to the Memorandum of Understanding with the Brothertown Indian Nation and include this event into the Oneida Nation Bicentennial Celebration in 2023.**

**ONEIDA LAW OFFICE***CONFIDENTIAL: ATTORNEY/CLIENT WORK PRODUCT*

TO: Melinda J. Danforth  
Intergovernmental Affairs & Communications

*Use this number on future correspondence:*

**2016-0432**

FROM: Jo Anne House, Chief Counsel

 Digitally signed by Jo Anne House  
Date: 2022.04.14 09:03:57 -05'00

DATE: April 14, 2022

RE: Brothertown Nation Inc.-Memorandum of Understanding-FIRST AMENDMENT

*Purchasing Department Use*

~~Contract Approved~~

~~Contract Not Approved~~

*(see attached explanation)*

---

*If you have any questions or comments regarding this review, please call 869-4327.*

The attached agreement, contract, policy and/or guaranty has been reviewed by the Oneida Law Office for legal content only. Please note the following:

1. Please confirm that this activity complies with the Public Health Declaration and any orders issued by the COVID-19 Decision Making Team and/or Public Health Officer.
  2. Please review for compliance with the current budget resolution prior to entering into said contract.
- ✓ The document is in appropriate legal form. *(Execution is a management decision.)*
  - ✓ Government to Government Agreement requires Oneida Business Committee approval.

**First Amendment to Memorandum of Understanding between  
the Oneida Nation and the Brothertown Indian Nation**

The Oneida Nation and the Brothertown Indian Nation agree that Brothertown will provide \$500 in calico, a museum grade digital copy of the collection to remain at the Oneida Nation Museum, and strand of wampum to the Oneida Nation at the Oneida Nation’s 2023 Bicentennial celebration which will be considered as meeting all financial requirements set forth in the 2016 MOU and recognition of our ongoing government-to-government relationship and support.

All other terms and conditions of the 2016 MOU not inconsistent with the foregoing remain in force and effect.

In witness whereof, the parties have hereunto set their hands on the dates set forth below.

ONEIDA NATION

BROTHERTOWN INDIAN NATION

\_\_\_\_\_  
Tehassi Hill, Chairman

\_\_\_\_\_  
Robert Fowler, Chairman

\_\_\_\_\_  
Brandon Stevens, Vice Chairman

\_\_\_\_\_  
Courtney Gerzetich  
Historic Preservation Officer

Date: \_\_\_\_\_

Date: \_\_\_\_\_



Brothertown Nation Inc.  
 PO Box 2206  
 Fond Du Lac, WI 54936-2206

### **Memorandum of Understanding**

This Memorandum of Understanding is entered into by and between the Brothertown Indian Nation, a 501(c)(3) non-profit organization located in Fond du Lac, WI and the Oneida Nation located in Oneida, WI.

**Purpose:** The purpose of this MOU is to place in writing for future tribal councils the agreement made between the Brothertown Nation and the Oneida Nation in 2010, pertaining to the purchase of historical materials from a third party. On September 14, 2010, the Oneida Nation purchased the historical materials (hence forth referred to as the Brothertown Collection) relating to the Brothertown Indian Nation on their behalf for \$75,000. The Brothertown Collection was to be placed in the care of the Oneida Cultural Heritage Department for professional management, until the Brothertown Indian Nation completed payment for the collection.

**Statement of Mutual Interest and Benefits:** Having a long intertwined history between the Oneida Nation and the Brothertown Indian Nation and sharing close political and family lineages, the Brothertown collection is of academic, historic, and cultural interest to both parties. Preserving our own pasts as well as those of our nearest relative, is of concern to all Native American tribes.

This MOU is established between the Brothertown Indian Nation and the Oneida Nation of Wisconsin to document agreed upon terms for the Brothertown Collection:

- A. The maintenance and preservation of the Brothertown Collection
- B. The reimbursement and transfer of the physical collection

The Brothertown Nation shall:

1. Reimburse the Oneida Nation \$75,000, the cost to purchase the collection.
2. The Brothertown Indian Nation will gift additional monies to the Oneida Nation for the care, preservation, and maintenance of the collection.
3. The Brothertown Indian Nation has elicited the help of a professional archivist and digitizer to properly digitize the collection. The digitization process will take place in the summer of 2016 at no additional cost to the Oneida Nation and will be done in house either at the Oneida Nation Museum or the History Department where the collection is currently being kept.

The Oneida Nation shall:

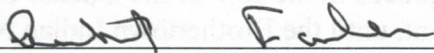
1. Store the Brothertown Collection in a proper climate controlled space and in the materials paid for by the Brothertown Indian Nation.
2. While in the possession of the Oneida Nation, access to the Brothertown collection shall be granted to any Brothertown member who wishes to view the collection and any non-member researcher approved by the Brothertown council.

Upon completion of the payment

1. The Brothertown Collection shall be transferred to the Brothertown Indian Nation.
2. A copy of the high quality digitized product will remain with the Oneida Nation after the physical collection has been transferred to the Brothertown Indian Nation to do with as they see fit.
3. This MOU shall be revisited every 3 years and re-signed by both the Brothertown Indian Nation and the Oneida Nation of Wisconsin.

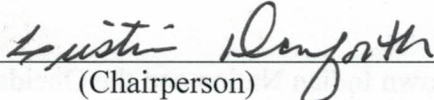
We, the undersigned, have agreed on the contents of this MOU. Any changes must be agreed to by both parties.

Brothertown Indian Nation

Signed  9/20/14  
 (Chairperson) Date

Signed  8/20/16  
 (Tribal Historic Preservation Officer) Date

Oneida Nation

Signed  7/28/16  
 (Chairperson) Date

Signed Chairwoman, Oneida Nation 7/28/16  
 (Title) Date



Support the designation of June 19 as an Oneida Nation paid holiday for the Juneteenth National...

## Business Committee Agenda Request

1. **Meeting Date Requested:** 06/8/22

2. **Session:**

Open     Executive – must qualify under §107.4-1.

Justification: *Choose or type justification.*

3. **Requested Motion:**

Accept as information; OR

Support the designation of June 19 as an Oneida Nation paid holiday for the Juneteenth National Independence Day and forward to the Legislative Operating Committee for review.

4. **Areas potentially impacted or affected by this request:**

Finance

Programs/Services

Law Office

MIS

Gaming/Retail

Boards, Committees, or Commissions

Other: Legislative Reference Office

& Human Resource Department

5. **Additional attendees needed for this request:**

Todd Vandenheuvel, Executive HR Director

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

**6. Supporting Documents:**

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Bylaws                 | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation           |
| <input type="checkbox"/> Contract Document(s)   | <input type="checkbox"/> Law                     | <input type="checkbox"/> Report                 |
| <input type="checkbox"/> Correspondence         | <input type="checkbox"/> Legal Review            | <input type="checkbox"/> Resolution             |
| <input type="checkbox"/> Draft GTC Notice       | <input type="checkbox"/> Minutes                 | <input type="checkbox"/> Rule (adoption packet) |
| <input type="checkbox"/> Draft GTC Packet       | <input type="checkbox"/> MOU/MOA                 | <input type="checkbox"/> Statement of Effect    |
| <input type="checkbox"/> E-poll results/back-up | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents       |
| <input type="checkbox"/> Other: <i>Describe</i> |  |   |

**7. Budget Information:**

- |   |  |
|---|--|
| <input type="checkbox"/> Budgeted – Tribal Contribution | <input type="checkbox"/> Budgeted – Grant Funded |
| <input type="checkbox"/> Unbudgeted                     | <input type="checkbox"/> Not Applicable          |
| <input type="checkbox"/> Other: <i>Describe</i>         |  |

**8. Submission:**


Authorized Sponsor: Lisa Liggins, Secretary

Primary Requestor: Danelle Wilson, Executive Assistant



## Memorandum

TO: Oneida Business Committee

FROM: Lisa Liggins, Secretary 

DATE: June 2, 2022

RE: Juneteenth National Independence Day

---

The purpose of this memorandum is to request the Business Committee to support the designation of June 19 as an Oneida Nation paid holiday for the Juneteenth National Independence Day.

### Background

On June 17, 2021, President Joe Biden signed the Juneteenth National Independence Day Act (P.L. 117-71) into law. The act designates June 19 as Juneteenth National Independence Day. Please see attached for additional information. As of today, 49 states and the District of Columbia have passed legislation recognizing Juneteenth as a holiday or an observance.

### Requested Action

Support the designation of June 19 as an Oneida Nation paid holiday for the Juneteenth National Independence Day and forward to the Legislative Operating Committee for review.

**INSIGHT**

# Juneteenth National Independence Day: A New Federal Holiday

Updated January 13, 2022

On June 17, 2021, President Joe Biden [signed the Juneteenth National Independence Day Act \(P.L. 117-71\)](#) into law. It had passed the [Senate](#) on June 15 and the [House of Representatives](#) on June 16. The act amends [Section 6103\(a\)](#), Title 5 of the *United States Code* to designate June 19 as Juneteenth National Independence Day.

In the 117<sup>th</sup> Congress, two companion bills—H.R. 1320 and S. 475—were both introduced on February 25, 2021. In the 116<sup>th</sup> Congress (2019-2020), [legislation was introduced](#) to create a federal holiday and the [House](#) and [Senate](#) also agreed to resolutions honoring Juneteenth. Legislation to designate Juneteenth as a federal holiday had not been introduced prior to the 116<sup>th</sup> Congress.

After he signed P.L. 117-17 (S. 475) into law, President Biden [issued a proclamation](#) to celebrate the observance of Juneteenth. In part, the proclamation read

On June 19, 1865—nearly nine decades after our Nation’s founding, and more than 2 years after President Lincoln signed the Emancipation Proclamation—enslaved Americans in Galveston, Texas, finally received word that they were free from bondage. As those who were formerly enslaved were recognized for the first time as citizens, Black Americans came to commemorate Juneteenth with celebrations across the country, building new lives and a new tradition that we honor today. In its celebration of freedom, Juneteenth is a day that should be recognized by all Americans. And that is why I am proud to have consecrated Juneteenth as our newest national holiday.

On June 17, 2021, the [United States Office of Personnel Management \(OPM\)](#) issued [guidance on the recognition of Juneteenth National Independence Day](#) in the federal workplace. In addition to providing guidance on the application of the federal holiday to various employment categories, OPM noted that Juneteenth fell on a Saturday in 2021, and that the holiday would be observed on Friday, June 18, the same “[in lieu of](#)” policy employed when other federal holidays fall on a weekend.

## Juneteenth

On June 19, 1865, Major General Gordon Granger of the Union Army issued [General Order No. 3](#) in Galveston, TX. The order [announced to the people of Texas](#) that the [Emancipation Proclamation’s](#) freeing of enslaved people in the Confederate states was in effect. Specifically, General Order No. 3 stated

Congressional Research Service

<https://crsreports.congress.gov>

IN11697

The people of Texas are informed that, in accordance with a Proclamation from the Executive of the United States, all slaves are free. This involves an absolute equality of personal rights and rights of property between former masters and slaves, and the connection heretofore existing between them, becomes that between employer and hired labor. The Freedmen are advised to remain at their present homes, and work for wages. They are informed that they will not be allowed to collect at military posts; and that they will not be supported in idleness either there or elsewhere.

Since the issuance of General Order No. 3, the observance of [Juneteenth](#) on June 19 has evolved. Today, 49 states and the District of Columbia have passed legislation recognizing Juneteenth as a holiday or observance (see Table 1 in CRS Report R44865, *Juneteenth: Fact Sheet*, by Erin M. Smith).

## Federal Holidays

With the enactment of S. 475 and the creation of the Juneteenth National Independence Day, the United States now has [12 permanent federal holidays](#), codified at [5 U.S.C. §6103](#). They are, in the order they appear in the calendar, New Year’s Day, Martin Luther King Jr.’s Birthday, Inauguration Day (every four years following a presidential election), George Washington’s Birthday, Memorial Day, Juneteenth National Independence Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day. Although frequently called public or national days, these observances are only legally applicable to federal employees and the District of Columbia, as the states individually decide their own legal holidays (see [5 C.F.R. §610.202](#)). According to the Office of Personnel Management (OPM), for the public holidays codified at 5 U.S.C. §6103, “[full-time employees who are not required to work on a holiday receive their rate of basic pay for the applicable number of holiday hours.](#)”

The first four federal holidays were created in 1870, when Congress granted paid time off to federal workers in the District of Columbia for [New Year’s Day](#), [Independence Day](#), [Thanksgiving Day](#), and [Christmas Day](#). In 1880, [George Washington’s Birthday](#) was added. In 1941, Congress specifically designated the fourth Thursday of November as the official date for the observance of Thanksgiving. Prior to that time, Thanksgiving was recognized either on the third or fourth Thursday of November.

Since 1888, Congress has added seven federal holidays, creating [Decoration Day](#) (now Memorial Day) in 1888, [Labor Day](#) in 1894, [Armistice Day](#) (now Veterans Day) in 1938, [Inauguration Day](#) in 1957 (quadrennially and only celebrated in the District of Columbia), [Columbus Day](#) in 1968, [Martin Luther King Jr.’s Birthday](#) in 1983, and [Juneteenth National Independence Day](#) in 2021. Further, in 1968, the [Uniform Monday Holiday Act](#) was enacted to “provide for uniform annual observances” of Washington’s Birthday (referred to as Presidents’ Day by many states and municipalities), Memorial Day, and Veterans Day. Additionally, the Monday Holiday Law established Columbus Day to be celebrated on the second Monday in October. In 1975, [Congress returned](#) the Veterans Day observance to November 11.

For more information on federal holidays, see CRS Report R41990, *Federal Holidays: Evolution and Current Practices*, by Jacob R. Straus.

## Author Information

Jacob R. Straus  
Specialist on the Congress

---

## Disclaimer

This document was prepared by the Congressional Research Service (CRS). CRS serves as nonpartisan shared staff to congressional committees and Members of Congress. It operates solely at the behest of and under the direction of Congress. Information in a CRS Report should not be relied upon for purposes other than public understanding of information that has been provided by CRS to Members of Congress in connection with CRS's institutional role. CRS Reports, as a work of the United States Government, are not subject to copyright protection in the United States. Any CRS Report may be reproduced and distributed in its entirety without permission from CRS. However, as a CRS Report may include copyrighted images or material from a third party, you may need to obtain the permission of the copyright holder if you wish to copy or otherwise use copyrighted material.

Enter the e-poll results into the record regarding the approved exception to resolution # BC-01-12-22-A to

### Business Committee Agenda Request

1. Meeting Date Requested: 05/25/22

2. General Information:

Session:  Open  Executive – must qualify under §107.4-1.  
Justification: *Choose reason for Executive.*

3. Supporting Documents:

- Bylaws
- Fiscal Impact Statement
- Presentation
- Contract Document(s)
- Law
- Report
- Correspondence
- Legal Review
- Resolution
- Draft GTC Notice
- Minutes
- Rule (adoption packet)
- Draft GTC Packet
- MOU/MOA
- Statement of Effect
- E-poll results/back-up
- Petition
- Travel Documents
- Other: *Describe*

4. Budget Information:

- Budgeted
- Budgeted – Grant Funded
- Unbudgeted
- Not Applicable
- Other: *Describe*

5. Submission:

Authorized Sponsor: Lisa Liggins, Secretary

Primary Requestor: \_\_\_\_\_

Additional Requestor: (Name, Title/Entity)

Additional Requestor: (Name, Title/Entity)

Submitted By: CELLIS1

**From:** [Secretary](#)  
**To:** [Secretary](#); [Tehassi Tasi Hill](#); [Brandon L. Yellowbird-Stevens](#); [Cristina S. Danforth](#); [Lisa A. Liggins](#); [Daniel P. Guzman](#); [David P. Jordan](#); [Kirby W. Metoxen](#); [Ethel M. Summers](#); [Jennifer A. Webster](#)  
**Cc:** [Danelle A. Wilson](#); [Rhiannon R. Metoxen](#); [Kristal E. Hill](#); [BC Agenda Requests](#)  
**Subject:** E-POLL RESULTS: Approve exception to resolution # BC-01-12-22-A to start the regular Business Committee meeting on May 25, 2022, at 1:00 p.m.  
**Date:** Friday, May 20, 2022 8:20:01 AM  
**Attachments:** [BCAR Approve exception to resolution BC-01-12-22-A to start the regular Business Committee meeting on May 25 2022 at 1 p.m..pdf](#)

---

## E-POLL RESULTS

The e-poll to approve exception to resolution # BC-01-12-22-A to start the regular Business Committee meeting on May 25, 2022, at 1:00 p.m., **has carried**. Below are the results:

Support: Tina Danforth, Daniel Guzman King, David P. Jordan, Lisa Liggins, Kirby Metoxen, Brandon Stevens, Marie Summers, Jennifer Webster

**Aliskwet Ellis**  
Information Management Specialist  
Government Administrative Office  
O: 920.869.4408 • E: [cellis1@oneidanation.org](mailto:cellis1@oneidanation.org)  
P.O. Box 365 • Oneida, WI • 54155



A good mind. A good heart. A strong fire.

*CONFIDENTIALITY NOTICE: This message and any included attachments are intended only for the addressee. This message may contain privileged, confidential, or proprietary information. Unauthorized forwarding, printing, copying, distribution, or use of such information is strictly prohibited and may be unlawful. If you have received this message in error, please inform us promptly by reply e-mail, then delete the e-mail and destroy any printed copy.*

---

**From:** Secretary <TribalSecretary@oneidanation.org>  
**Sent:** Thursday, May 19, 2022 9:22 AM  
**To:** Secretary <TribalSecretary@oneidanation.org>; Tehassi Tasi Hill <thill7@oneidanation.org>; Brandon L. Yellowbird-Stevens <bstevens@oneidanation.org>; Cristina S. Danforth <cdanfor4@oneidanation.org>; Lisa A. Liggins <lliggins@oneidanation.org>; Daniel P. Guzman <dguzman@oneidanation.org>; David P. Jordan <djordan1@oneidanation.org>; Kirby W. Metoxen <KMETOX@oneidanation.org>; Ethel M. Summers <esummer1@oneidanation.org>; Jennifer A. Webster <JWEBSTE1@oneidanation.org>  
**Cc:** Danelle A. Wilson <dwilson1@oneidanation.org>; Rhiannon R. Metoxen <rmetoxe2@oneidanation.org>; Kristal E. Hill <khill@oneidanation.org>  
**Subject:** E-POLL REQUEST: Approve exception to resolution # BC-01-12-22-A to start the regular Business Committee meeting on May 25, 2022, at 1:00 p.m.

## E-POLL REQUEST

### **Summary:**

Due to the lack of quorum caused by schedule conflicts, the Business Committee will need to start



the May 25, 2022, regular BC meeting at 1:00 p.m.

**Justification for E-Poll:**

The schedule conflicts have been recently brought to the Secretary's attention, so an e-poll is required to approve the schedule change for the next BC meeting.

**Requested Action:**

**Approve exception to resolution # BC-01-12-22-A to start the regular Business Committee meeting on May 25, 2022, at 1:00 p.m.**

**Deadline for response:**

**Responses are due no later than 4:30 p.m., Friday, May 20, 2022.**

**Voting:**

1. Use the voting button above, if available; OR
2. Reply with "Support" or "Oppose".

Aliskwet Ellis

Information Management Specialist  
Government Administrative Office

O: 920.869.4408 • E: [cellis1@oneidanation.org](mailto:cellis1@oneidanation.org)

P.O. Box 365 • Oneida, WI • 54155



A good mind. A good heart. A strong fire.

*CONFIDENTIALITY NOTICE: This message and any included attachments are intended only for the addressee. This message may contain privileged, confidential, or proprietary information. Unauthorized forwarding, printing, copying, distribution, or use of such information is strictly prohibited and may be unlawful. If you have received this message in error, please inform us promptly by reply e-mail, then delete the e-mail and destroy any printed copy.*

---

## Business Committee Agenda Request

1. Meeting Date Requested: 05/19/22

2. Session:

Open     Executive – must qualify under §107.4-1.

Justification:

3. Requested Motion:

Accept as information; OR

Approve exception to resolution # BC-01-12-22-A to start the regular Business Committee meeting on May 25, 2022, at 1:00 p.m.

4. Areas potentially impacted or affected by this request:

Finance

Programs/Services

Law Office

MIS

Gaming/Retail

Boards, Committees, or Commissions

Other: *Describe*

5. Additional attendees needed for this request:

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

*Name, Title/Entity OR Choose from List*

**6. Supporting Documents:**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Bylaws                    | <input type="checkbox"/> Fiscal Impact Statement | <input type="checkbox"/> Presentation           |
| <input type="checkbox"/> Contract Document(s)      | <input type="checkbox"/> Law                     | <input type="checkbox"/> Report                 |
| <input checked="" type="checkbox"/> Correspondence | <input type="checkbox"/> Legal Review            | <input checked="" type="checkbox"/> Resolution  |
| <input type="checkbox"/> Draft GTC Notice          | <input type="checkbox"/> Minutes                 | <input type="checkbox"/> Rule (adoption packet) |
| <input type="checkbox"/> Draft GTC Packet          | <input type="checkbox"/> MOU/MOA                 | <input type="checkbox"/> Statement of Effect    |
| <input type="checkbox"/> E-poll results/back-up    | <input type="checkbox"/> Petition                | <input type="checkbox"/> Travel Documents       |
| <input type="checkbox"/> Other: <i>Describe</i>    |  |   |

**7. Budget Information:**

- |   |  |
|---|--|
| <input type="checkbox"/> Budgeted – Tribal Contribution | <input type="checkbox"/> Budgeted – Grant Funded   |
| <input type="checkbox"/> Unbudgeted                     | <input checked="" type="checkbox"/> Not Applicable |
| <input type="checkbox"/> Other: <i>Describe</i>         |  |

**8. Submission:**

Authorized Sponsor: Lisa Liggins, Secretary

Primary Requestor: (Name, Title/Entity)

A good mind. A good heart. A strong fire.



## Business Committee Agenda Request – Cover Memo

**From:** Lisa Liggins, Secretary  
**Date:** 05/19/2022  
**RE:** Exceptions to resolution # BC-01-12-22-A – May 25, 2022, regular BC meeting

---

### **PURPOSE**

Business Committee (BC) action is needed to change the schedule adopted by resolution # BC-01-12-22-A.

### **BACKGROUND**

Due to the lack of quorum caused by schedule conflicts, the BC will need to start the May 25, 2022, regular BC meeting at 1:00 p.m.

The schedule conflicts have been recently brought to the Secretary's attention, so an e-poll is required to approve the schedule change.

### **REQUESTED ACTION**

- Approve exception to resolution # BC-01-12-22-A to start the regular Business Committee meeting on May 25, 2022, at 1:00 p.m.

# Oneida Nation

Post Office Box 365

Phone: (920)869-2214



Oneida, WI 54155

## BC Resolution # 1-12-22-A

### Setting the Oneida Business Committee Regular Meeting and Executive Session Discussion Schedule

- WHEREAS,** the Oneida Nation is a federally recognized Indian government and a treaty tribe recognized by the laws of the United States of America; and
- WHEREAS,** the Oneida General Tribal Council is the governing body of the Oneida Nation; and
- WHEREAS,** the Oneida Business Committee has been delegated the authority of Article IV, Section 1, of the Oneida Tribal Constitution by the Oneida General Tribal Council; and
- WHEREAS,** Article III, Section 3 of the Tribal Constitution provides that “Regular meetings of the Business Committee may be established by resolution of the Business Committee”; and
- WHEREAS,** the Oneida Business Committee (OBC) has established and modified their regular meeting schedule by resolutions # BC-07-7-87-A, # BC-03-25-88-B, # BC-04-26-91-A, # BC-02-11-04-A, # BC-12-10-08-A, # BC-06-23-10-E, # BC-11-23-16-C, # BC-12-27-16-A, # BC-09-27-17-D, # BC-01-22-20-D, and # BC-09-23-20-C; and
- WHEREAS,** the OBC has determined that there are no changes needed to the schedule for regular meetings of the OBC; and
- WHEREAS,** the OBC has established a quarterly reporting expectation in the Executive Session section of the regular meeting agenda for the Gaming General Manager, the Retail General Manager, and the Executive HR Director; and
- WHEREAS,** the OBC has determined that holding periodic, separate discussions on items submitted to the Executive Session section of the regular meeting agenda is the best use of resources available and would better serve the membership of the Oneida Nation and the OBC.

#### *Regular Meetings*

**NOW THEREFORE BE IT RESOLVED,** regular meetings of the OBC shall continue to be held the second and fourth Wednesday each month, at 8:30 a.m.

#### *OBC Direct Report Quarterly Reports – Executive Session Discussion*

**BE IT FURTHER RESOLVED,** for the first regular meeting of February, May, August, and November, the discussion on the Executive Session section of the regular meeting agenda shall be held on Tuesday at 8:30 a.m. starting on February 8, 2022.

#### *Executive Session Discussion*

**BE IT FURTHER RESOLVED,** for the second regular meeting of each month, the discussion on the Executive Session section of the regular meeting agenda shall be held on Tuesday at 8:30 a.m. starting on January 25, 2022.


**BC Resolution # 1-12-22-A**  
**Setting the Oneida Business Committee Regular Meeting and Executive Session Discussion**  
**Schedule**  
**Page 2 of 2**

*Superseding Prior Schedules*

**BE IT FINALLY RESOLVED**, this resolution shall supersede all prior motions, practices, or resolutions regarding the subject of regular meetings of the Oneida Business Committee.

**CERTIFICATION**

I, the undersigned, as Secretary of the Oneida Business Committee, hereby certify that the Oneida Business Committee is composed of 9 members of whom 5 members constitute a quorum; 8 members were present at a meeting duly called, noticed and held on the 12<sup>th</sup> day of January, 2022; that the forgoing resolution was duly adopted at such meeting by a vote of 7 members for, 0 members against, and 0 members not voting\*; and that said resolution has not been rescinded or amended in any way.

  
\_\_\_\_\_  
Lisa Liggins, Secretary  
Oneida Business Committee

\*According to the By-Laws, Article I, Section 1, the Chair votes "only in the case of a tie."