

Appendix E

Tribal Coordination

Appendix E-1

Representative Project Introduction Letter

Via Email

November 20, 2025

**Re: Request for Comment on Proposed BESS Project
City of Cottage Grove, Washington County, Minnesota**

To Whom It May Concern:

LSP CG Storage LLC (“LSP CG Storage” or “Applicant”), an indirect wholly owned subsidiary of Panamint Capital (“Panamint”) is proposing to construct and operate an up to 80-megawatt (“MW”) battery energy storage system (“BESS Facility”), referred to as the Cottage Grove BESS Project (“Project”) in the City of Cottage Grove, Washington County, Minnesota (**Map 1**).

The Project requires a Site Permit from the Minnesota Public Utilities Commission (“Commission” or “MPUC”) prior to construction under the Minnesota Energy Infrastructure Permitting Act (MN Statute 216I). Cottage Grove anticipates filing the Site Permit Application to the Commission in Q1 or Q2 2026. Pending receipt of all required permits and approvals, construction of the Project is anticipated to begin in Q2 2026, with commercial operation by Q2 2028.

On behalf of LSP CG Storage, Westwood Professional Services, Inc. is gathering information and requesting Tribal comments on the proposed Project. The Project encompasses approximately 7 acres (“Project Site”) within the existing LSP-Cottage Grove, LP gas plant facility. The Project Site is located in Section 27, Township 27 North, Range 21 West, in the southeast portion of the City of Cottage Grove.

The BESS Facility will include battery storage containers, inverters, transformers, a Project Substation, access roads, and underground electrical collection and communication lines. While interconnection plans are currently being finalized, these facilities will be connected to the electrical grid through a gen-tie line of less than 1,500 feet.

A database review will be performed using the Minnesota State Historic Preservation Office (SHPO) Minnesota Statewide Historic Inventory Portal and the Office of the State Archaeologist (OSA) online portal. On behalf of the Applicant, Westwood will communicate with the Minnesota SHPO regarding the potential need for and scope of archaeological surveys within the Project Site. If required, Phase I archaeological surveys would likely occur in Q1 or Q2, 2026.

We welcome any comments you may have at this time and throughout the Site Permit Application process. Please provide comments within 30 days of receipt of this letter. Written comments provided in response to this letter will be incorporated into the Commission’s review process.

If you have questions or would like to meet regarding the proposed Project, please contact me at shannon.hansen@westwoodps.com.

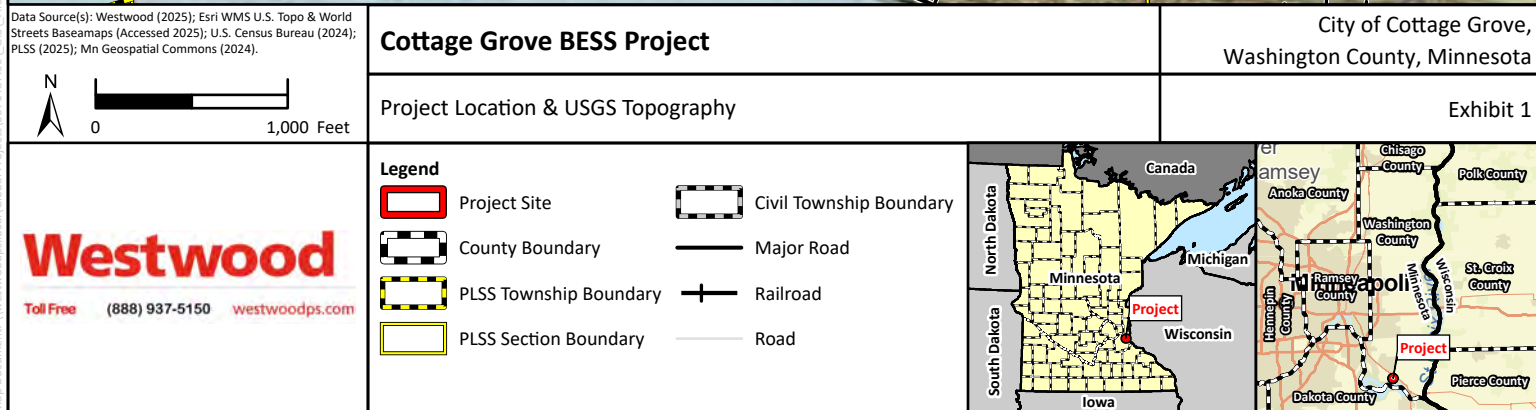
Sincerely,

A handwritten signature in cursive script, appearing to read "Shannon Hansen".

Shannon Hansen, Permitting Lead
Westwood Professional Services, Inc.
12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343
Office: (952) 937-5150
Email: shannon.hansen@westwoodps.com

Enclosure (1): Map 1 - Project Location Map

Cc: Konnar Klinksiek, klinksiek@panamintcapital.com
Bill Stanton, wstanton@panamintcapital.com
Scott Wright, swright@panamintcapital.com
Aidan Oldenburg, aidan.oldenburg@westwoodps.com



Appendix E-2

Tribal Responses

Re: Cottage Grove BESS Project - SPA Pre-Application Notice

From Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Date Thu 11/20/2025 4:22 PM

To Jaylen Strong <jaylen.strong@boisforte-nsn.gov>

Cc Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Hello Jaylen,

Thank you for providing your comments.

A stormwater management plan will be completed for the proposed project. Stormwater management, potential water quality impacts, and proposed mitigation measures will be addressed in the Site Permit Application. The preliminary site plan also includes a stormwater basin, which will help mitigate potential additional runoff to the Mississippi River.

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.oldenburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

From: Jaylen Strong <jaylen.strong@boisforte-nsn.gov>

Sent: Thursday, November 20, 2025 3:36 PM

To: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Re: Cottage Grove BESS Project - SPA Pre-Application Notice

CAUTION: External Sender. Please do not click on links or open attachments from senders you do not trust.
--

Boozhoo Aidan,

At this time Bois Forte's only comment is that we are aware of the location and the closeness in location to Mississippi River, which is an important waterway for both Anishinaabe and Dakota people alike. Bois

Forte would advocate that any additional pollution or negative effects, if any, to the river be mitigated and that we will work with our Dakota relatives should any concerns rise from their perspective.

Weweni,

Jaylen Strong – Bebaamoshiiyaan
Heritage Center Director
Tribal Historic Preservation Officer
O: 218-753-6017 | C: 218-248-2314

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>
Sent: Thursday, November 20, 2025 9:00 AM
To: Jaylen Strong <jaylen.strong@boisforte-nsn.gov>
Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>
Subject: Cottage Grove BESS Project - SPA Pre-Application Notice

Dear Jaylen Strong,

On behalf of LSP CG Storage LLC ("LSP CG Storage"), Westwood Professional Services, Inc. is gathering information and requesting comments from MN Tribes on the proposed Cottage Grove BESS Project ("Project"). The Project encompasses approximately 7 acres ("Project Site") within the existing LSP-Cottage Grove, LP gas plant facility. The Project Site is located in Section 27, Township 27 North, Range 21 West, in the southeast portion of the City of Cottage Grove. LSP CG Storage must obtain a Site Permit for the Project from the Minnesota Public Utilities Commission ("Commission") to construct the proposed Project. The Project will include battery storage containers, inverters, transformers, a Project Substation, access roads, and underground electrical collection and communication lines. While interconnection plans are currently being finalized, these facilities will be connected to the electrical grid through a gen-tie line of less than 1,500 feet.

This email serves as pre-application notice for the Cottage Grove BESS Project. The application is anticipated to be filed with the Commission in Q1 or Q2 2026. The attached PDF contains additional project information and an exhibit depicting the Project Site.

We kindly request all comments are provided within 30 days of receipt of this email to ensure comments can be adequately addressed during the permitting process. Comments can be provided by replying to this email or by contacting Shannon Hansen (shannon.hansen@westwoodps.com).

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.oldenburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

RE: Cottage Grove BESS Project - SPA Pre-Application Notice

From Gina Lemon <gina.lemon@llojibwe.net>

Date Wed 1/21/2026 1:16 PM

To Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Cc Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

CAUTION: External Sender. Please do not click on links or open attachments from senders you do not trust.

Aidan Oldenburg,

Sorry that you did not receive a response on this. I was out for the past 2 weeks due to the passing of my mother.

You should have received a letter from my assistant on this, however, we have been overloaded with review requests and my being absent did not help matters.

You may note in your file that the Leech Lake Band of Ojibwe does not have any documented or identified cultural resources within your project area. Also, we would like to be informed that if during construction or any ground disturbing activity which would result in disturbing of any artifacts or human remains, that we be contacted to assist or consult with you and other interested tribes.

Again, I apologize for responding so late. You may use this email or my statement in your files. If you should need something more formal for your files, please let me know.

Thank you for consulting with the Leech Lake Band of Ojibwe. Have a great rest of your day.

Gina M. Lemon, Tribal Historic Preservation Officer

Leech Lake Band of Ojibwe

109 Sailstar Drive NW

Cass Lake, MN 56633

Office: 218-335-2940/Cell: 218-368-3668

Please leave a message if I do not answer, thank you!

Gina Lemon

Tribal Historic Preservation Officer



gina.lemon@llojibwe.net
<http://www.llojibwe.org/>
190 Sailstar Drive NW, Cass Lake, MN 56633



This email, including attachments, is confidential and/or legally privileged. It is intended for use only by the person to whom it is directed. If you are not the intended recipient and/or received it in error, you should reply by email to the sender; delete this email, including deletion of all associated text files from storage locations including individual and network storage devices; and refrain from disseminating or copying this information.

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Sent: Wednesday, January 14, 2026 4:36 PM

To: Gina Lemon <gina.lemon@llojibwe.net>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Re: Cottage Grove BESS Project - SPA Pre-Application Notice

CAUTION: This email originated from outside your organization.



-Do not click links or open attachments unless you recognize the sender and know the content is safe.

-If you're unsure of an email, or would like to check the authenticity of an email, forward it to: reportemails@llojibwe.net.

-If you suspect that your account been compromised, notify MIS Cybersecurity and your management immediately.

Dear Gina Lemon,

I am writing to follow up on the pre-application notice for the proposed Cottage Grove BESS Project that was sent previously on November 20, 2025 on behalf of LSP CG Storage LLC.

We wanted to confirm receipt of the pre-application notice and to check whether you anticipate providing any comments. If comments are forthcoming, we would appreciate receiving them at your convenience; alternatively, a brief confirmation of receipt would be helpful for our records.

Comments or notice of receipt can be provided by replying to this email or by contacting Shannon Hansen (shannon.hansen@westwoodps.com).

Thank you for your time and consideration.

Best regards,

Aidan Oldenburg

Permitting Specialist

aidan.oldenburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Sent: Wednesday, November 19, 2025 1:11 PM

To: gina.lemon@llojibwe.net <gina.lemon@llojibwe.net>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Cottage Grove BESS Project - SPA Pre-Application Notice

Dear Gina Lemon,

On behalf of LSP CG Storage LLC ("LSP CG Storage"), Westwood Professional Services, Inc. is gathering information and requesting comments from MN Tribes on the proposed Cottage Grove BESS Project ("Project"). The Project encompasses approximately 7 acres ("Project Site") within the existing LSP-Cottage Grove, LP gas plant facility. The Project Site is located in Section 27, Township 27 North, Range 21 West, in the southeast portion of the City of Cottage Grove. LSP CG Storage must obtain a Site Permit for the Project from the Minnesota Public Utilities Commission ("Commission") to construct the proposed Project. The Project will include battery storage containers, inverters, transformers, a Project Substation, access roads, and underground electrical collection and communication lines. While interconnection plans are currently being finalized, these facilities will be connected to the electrical grid through a gen-tie line of less than 1,500 feet.

This email serves as pre-application notice for the Cottage Grove BESS Project. The application is anticipated to be filed with the Commission in Q1 or Q2 2026. The attached PDF contains additional project information and an exhibit depicting the Project Site.

We kindly request all comments are provided within 30 days of receipt of this email to ensure comments can be adequately addressed during the permitting process. Comments can be provided by replying to this email or by contacting Shannon Hansen (shannon.hansen@westwoodps.com).

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.oldenburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

Re: Cottage Grove BESS Project - SPA Pre-Application Notice

From Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Date Thu 11/20/2025 12:54 PM

To Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Cc Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Hello Leonard,

Thank you for your response. We will provide an update if project details change prior to submitting the application to the MN Public Utilities Commission.

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.oldenburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

From: Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Sent: Thursday, November 20, 2025 9:54 AM

To: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: RE: Cottage Grove BESS Project - SPA Pre-Application Notice

CAUTION: External Sender. Please do not click on links or open attachments from senders you do not trust.

Thank you for the update, I have no current concerns, please keep me informed, Have a Great Day!...



LEONARD WABASHA

Tribal Historic Preservation Officer • Hokokata Ti

Shakopee Mdewakanton Sioux Community

d: 952.496.6120

shakopeedakota.org

The Shakopee Mdewakanton Sioux Community is a federally recognized, sovereign Indian tribe located southwest of Minneapolis/St. Paul. With a focus on being a good neighbor, good steward of the earth, and good employer, the SMSC is committed to charitable donations, community partnerships, a healthy environment, and a strong economy.

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Sent: Thursday, November 20, 2025 9:00 AM

To: Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Cottage Grove BESS Project - SPA Pre-Application Notice

You don't often get email from aidan.olderburg@westwoodps.com. [Learn why this is important](#)

This message came from **outside the organization**. Do Not click on links, open attachments or respond unless you know the content is safe.

Dear Leonard Wabasha,

On behalf of LSP CG Storage LLC ("LSP CG Storage"), Westwood Professional Services, Inc. is gathering information and requesting comments from MN Tribes on the proposed Cottage Grove BESS Project ("Project"). The Project encompasses approximately 7 acres ("Project Site") within the existing LSP-Cottage Grove, LP gas plant facility. The Project Site is located in Section 27, Township 27 North, Range 21 West, in the southeast portion of the City of Cottage Grove. LSP CG Storage must obtain a Site Permit for the Project from the Minnesota Public Utilities Commission ("Commission") to construct the proposed Project. The Project will include battery storage containers, inverters, transformers, a Project Substation, access roads, and underground electrical collection and communication lines. While interconnection plans are currently being finalized, these facilities will be connected to the electrical grid through a gen-tie line of less than 1,500 feet.

This email serves as pre-application notice for the Cottage Grove BESS Project. The application is anticipated to be filed with the Commission in Q1 or Q2 2026. The attached PDF contains additional project information and an exhibit depicting the Project Site.

We kindly request all comments are provided within 30 days of receipt of this email to ensure comments can be adequately addressed during the permitting process. Comments can be provided by replying to this email or by contacting Shannon Hansen (shannon.hansen@westwoodps.com).

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.olderburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

~~~~~

**Confidentiality Notice:** This message and any attachments may contain confidential information intended solely for the designated recipient. If you are not the intended recipient, any review, dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this message in error, please notify the sender immediately and delete it from your system.

~~~~~

Re: Cottage Grove BESS Project - SPA Pre-Application Notice

From Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Date Fri 5/29/2026 9:36 AM

To Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Cc Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

CAUTION: External Sender. Please do not click on links or open attachments from senders you do not trust.

Pidamaya for the update. Please keep me informed.

Get [Outlook for iOS](#)

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Sent: Friday, May 29, 2026 9:00:00 AM

To: Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Re: Cottage Grove BESS Project - SPA Pre-Application Notice

You don't often get email from aidan.oldenburg@westwoodps.com. [Learn why this is important](#)

This message came from **outside the organization**. Do Not click on links, open attachments or respond unless you know the content is safe.

Dear Leonard,

I am writing to provide an update to the Cottage Grove BESS Project. As part of due diligence efforts, Westwood's cultural resources team conducted an archaeological survey of the Project Site. Twenty-one shovel tests were performed within the 6.65-acre project area. No cultural resources were identified.

Please see the attached letter report that provides results of the literature review and archaeological survey.

Best regards,

Aidan Oldenburg

Permitting Specialist

aidan.oldenburg@westwoodps.com

main (952) 937-5150

direct (952) 959-9271

Westwood

12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Sent: Thursday, November 20, 2025 12:54 PM

To: Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Re: Cottage Grove BESS Project - SPA Pre-Application Notice

Hello Leonard,

Thank you for your response. We will provide an update if project details change prior to submitting the application to the MN Public Utilities Commission.

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.oldenburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

From: Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Sent: Thursday, November 20, 2025 9:54 AM

To: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: RE: Cottage Grove BESS Project - SPA Pre-Application Notice

CAUTION: External Sender. Please do not click on links or open attachments from senders you do not trust.

Thank you for the update, I have no current concerns, please keep me informed, Have a Great Day!...



LEONARD WABASHA

Tribal Historic Preservation Officer • Hocokata Ti

Shakopee Mdewakanton Sioux Community

d: 952.496.6120

shakopeedakota.org

Leonard.Wabasha@shakopeedakota.org

The Shakopee Mdewakanton Sioux Community is a federally recognized, sovereign Indian tribe located southwest of Minneapolis/St. Paul. With a focus on being a good neighbor, good steward of the earth, and good employer, the SMSC is committed to charitable donations, community partnerships, a healthy environment, and a strong economy.

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Sent: Thursday, November 20, 2025 9:00 AM

To: Leonard Wabasha (TO) <leonard.wabasha@shakopeedakota.org>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Cottage Grove BESS Project - SPA Pre-Application Notice

You don't often get email from aidan.olderburg@westwoodps.com. [Learn why this is important](#)

This message came from **outside the organization**. Do Not click on links, open attachments or respond unless you know the content is safe.

Dear Leonard Wabasha,

On behalf of LSP CG Storage LLC ("LSP CG Storage"), Westwood Professional Services, Inc. is gathering information and requesting comments from MN Tribes on the proposed Cottage Grove BESS Project ("Project"). The Project encompasses approximately 7 acres ("Project Site") within the existing LSP-Cottage Grove, LP gas plant facility. The Project Site is located in Section 27, Township 27 North, Range 21 West, in the southeast portion of the City of Cottage Grove. LSP CG Storage must obtain a Site Permit for the Project from the Minnesota Public Utilities Commission ("Commission") to construct the proposed Project. The Project will include battery storage containers, inverters, transformers, a Project Substation, access roads, and underground electrical collection and communication lines. While interconnection plans are currently being finalized, these facilities will be connected to the electrical grid through a gen-tie line of less than 1,500 feet.

This email serves as pre-application notice for the Cottage Grove BESS Project. The application is anticipated to be filed with the Commission in Q1 or Q2 2026. The attached PDF contains additional project information and an exhibit depicting the Project Site.

We kindly request all comments are provided within 30 days of receipt of this email to ensure comments can be adequately addressed during the permitting process. Comments can be provided by replying to this email or by contacting Shannon Hansen (shannon.hansen@westwoodps.com).

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.olderburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300

Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

~~~~~

**Confidentiality Notice:** This message and any attachments may contain confidential information intended solely for the designated recipient. If you are not the intended recipient, any review, dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this message in error, please notify the sender immediately and delete it from your system.

~~~~~

~~~~~

**Confidentiality Notice:** This message and any attachments may contain confidential information intended solely for the designated recipient. If you are not the intended recipient, any review, dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this message in error, please notify the sender immediately and delete it from your system.

~~~~~

From: [Shannon Hansen](#)
To: [Samantha Odegard](#)
Cc: [Scott Wright](#); [Bill Stanton](#); [Konnar Klinksiek](#); [Aidan Oldenburg](#)
Subject: RE: Cottage Grove BESS Project - SPA Pre-Application Notice
Date: Friday, January 30, 2026 12:17:04 PM
Attachments: [2025-11-24 Cottage Grove Bess Phase I Letter Report.pdf](#)

Good afternoon Samantha,

Thank you for the response, we appreciate the information. As part of due diligence efforts, Westwood's cultural resources team conducted an archaeological survey of the project site in October 2025. Twenty-one shovel tests were performed within the 6.65-acre project area. No cultural resources were identified.

Please see the attached letter report that provides results of the literature review and archaeological survey.

Let us know if you have any questions upon reviewing the report or need any additional information.

Thank you,
Shannon

Shannon Hansen

Permitting Lead

shannon.hansen@westwoodps.com

direct (952) 207-7653
main (952) 937-5150
cell (612) 702-0936

Westwood

12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

From: Samantha Odegard <samanthao@upper Sioux community-nsn.gov>
Sent: Tuesday, January 27, 2026 1:52 PM
To: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>
Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>
Subject: Re: Cottage Grove BESS Project - SPA Pre-Application Notice

CAUTION: External Sender. Please do not click on links or open attachments from senders you do not trust.

Thank you for reaching out to follow up on this with a phone call this afternoon. Because site records

we have access to shows recorded but does not include where surveys have been conducted, I am not sure if the lack of sites recorded in the TSR are because there are no or because it has not been surveyed so I would recommend an archaeological survey. This is due to the location being within a mile of the Mississippi River and in a region that has a rich and long history.

Again thank you for the follow up,

Samantha Odegard

Tribal Historic Preservation Officer | Upper Sioux Community | Phone: 320-564-6334

CONFIDENTIALITY NOTICE: This email, including attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender immediately and destroy all copies of the original message.

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>
Sent: Wednesday, January 14, 2026 4:35 PM
To: Samantha Odegard <samanthao@uppersiouxcommunity-nsn.gov>
Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>
Subject: Re: Cottage Grove BESS Project - SPA Pre-Application Notice

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

You don't often get email from aidan.oldenburg@westwoodps.com.
[Learn why this is important](#)

Dear Samantha Odegard,

I am writing to follow up on the pre-application notice for the proposed Cottage Grove BESS Project that was sent previously on November 20, 2025 on behalf of LSP CG Storage LLC.

We wanted to confirm receipt of the pre-application notice and to check whether you anticipate providing any comments. If comments are forthcoming, we would appreciate receiving them at your convenience; alternatively, a brief confirmation of receipt would be helpful for our records.

Comments or notice of receipt can be provided by replying to this email or by contacting Shannon Hansen (shannon.hansen@westwoodps.com).

Thank you for your time and consideration.

Best regards,

Aidan Oldenburg

Permitting Specialist

aidan.olderburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

From: Aidan Oldenburg <Aidan.Oldenburg@westwoodps.com>

Sent: Wednesday, November 19, 2025 1:13 PM

To: samanthao@uppersiouxcommunity-nsn.gov <samanthao@uppersiouxcommunity-nsn.gov>

Cc: Shannon Hansen <Shannon.Hansen@westwoodps.com>; Scott Wright <swright@panamintcapital.com>; Bill Stanton <wstanton@panamintcapital.com>; Konnar Klinksiek <kklinksiek@panamintcapital.com>

Subject: Cottage Grove BESS Project - SPA Pre-Application Notice

Dear Samantha Odegard,

On behalf of LSP CG Storage LLC ("LSP CG Storage"), Westwood Professional Services, Inc. is gathering information and requesting comments from MN Tribes on the proposed Cottage Grove BESS Project ("Project"). The Project encompasses approximately 7 acres ("Project Site") within the existing LSP-Cottage Grove, LP gas plant facility. The Project Site is located in Section 27, Township 27 North, Range 21 West, in the southeast portion of the City of Cottage Grove. LSP CG Storage must obtain a Site Permit for the Project from the Minnesota Public Utilities Commission ("Commission") to construct the proposed Project. The Project will include battery storage containers, inverters, transformers, a Project Substation, access roads, and underground electrical collection and communication lines. While interconnection plans are currently being finalized, these facilities will be connected to the electrical grid through a gen-tie line of less than 1,500 feet.

This email serves as pre-application notice for the Cottage Grove BESS Project. The application is anticipated to be filed with the Commission in Q1 or Q2 2026. The attached PDF contains additional project information and an exhibit depicting the Project Site.

We kindly request all comments are provided within 30 days of receipt of this email to ensure comments can be adequately addressed during the permitting process. Comments can be provided by

replying to this email or by contacting Shannon Hansen (shannon.hansen@westwoodps.com).

Best regards,

Aidan Oldenburg

Environmental Scientist - Permitting

aidan.oldenburg@westwoodps.com

main (952) 937-5150

Westwood

12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343

westwoodps.com

(888) 937-5150

November 24, 2025

Scott Wright
LSP CG Storage LLC
917 Tahoe Blvd, Ste 202
Incline Village, NV 89511

**Re: Phase I Archaeological Reconnaissance Survey for the Cottage Grove BESS Project, Washington County, Minnesota
File R0071487.00**

LSP CG Storage LLC (Client) contracted Westwood Professional Services, Inc., (Westwood) to conduct a cultural resources literature review for the Cottage Grove Battery Energy Storage System (BESS) Project (Project) in the City of Cottage Grove in south-central Washington County, Minnesota. The Project is located in the SE ¼ of Section 27 of Township 27N, Range 21W (**Exhibit 1**). The archaeological survey was performed to attempt to identify archaeological sites within the Area of Potential Effect (APE) for the Project, and to delineate the horizontal and vertical extents of any identified sites. The survey was conducted in anticipation of the requirement for a Minnesota Public Utilities Commission (MPUC) Site Permit prior to construction.

The APE consisted of all locations where ground disturbance may occur for the Project (**Exhibit 1**). The potential for ground disturbance includes the entirety of 6.65-acre Project Area. The Project consists of a proposed 80 MWac Battery Energy Storage System (BESS).

Mr. Ryan Steeves, MA, RPA, meets the Secretary of Interior's Professional Qualification Standards for archaeology as stipulated in 36 C.F.R. Part 61 and served as Principal Investigator for the Project. Westwood Cultural Resource Manager Ryan P. Grohnke, RA, managed the cultural resources task of the Project.

The Project Area is located in Minnesota Archaeological Region 4E – Central Lakes Deciduous East. Prehistoric camp sites in this region are generally located near lakes, rivers, and other water sources with resource procurement sites located anywhere the resource could be found (Anfinson 1990). Early and Early Middle Prehistoric site location patterns are not well known, but by the Late Middle Prehistoric large village sites were found on major lakes, with smaller campsites found along major rivers and large lakes. By the Late Prehistoric Period, much of the region was only used for resource procurement with villages generally near wild rice beds (Anfinson 1990; Gibbon et al. 2002).

At contact, Santee Dakota groups controlled the eastern part of the Central Lakes Deciduous Region. By the mid-1700s, the Ojibwa had begun to move into the northern parts of the region and controlled this section of the Central Lakes Deciduous Region by the early 1800s. During this period of strife, much of the southern portion of the region remained unoccupied. In general, however, historic Indian village locations followed the Late Prehistoric Period pattern and are often located near wild rice beds. By the late 1600s, French traders had entered the region and established posts on some major lakes and rivers, a pattern generally followed by later Anglo-American traders. The contact period as defined in this review ends with the establishment of the American settlement at Fort Snelling in 1821 (Gibbon et al. 2002).

Literature Review

No previously recorded archaeological sites are within the Study Area. There are 18 historic resources in the Study Area (**Table 1**). Thirteen of the previously recorded resources are *Unevaluated* for NRHP eligibility, and four have been determined *Not Eligible* for NRHP eligibility. One liner district, XX-RRD-CSP044, the St. Paul and Chicago Railroad, has been determined *Eligible* for the NRHP. The historic rail district and the associated section of rail corridor (WA-CGC-00211) are within 40 meters of the Project Area. This section of line represents the Chicago Milwaukee St. Paul & Pacific Railroad Line. The entrance to the 3M Chemolite Plant (WA-CGC-00019) is to the immediate southwest and is located across Miller Road.

Table 1: Historic Properties within 1-mile of the Project.

SHPO ID	Resource Name	Property Type	Address	NRHP Status	Proximity Project
XX-RRD-CSP044	St. Paul and Chicago Railway Company/Chicago Milwaukee and St. Paul Railway Company/Chicago Milwaukee St. Paul and Pacific Railroad Company, River Division Railroad Corridor Historic District	District	RR right-of-way between Union Depot in St. Paul and Mississ. Riv. Crossing near La Crescent	Eligible	Buffer/ Adjacent
XX-ROD-00040	Trunk Highway 10	Structure	TH10	Unevaluated	Buffer
XX-ROD-00006 XX-ROD-00009	Trunk Highway 61 (Formerly TH 1 and 3)	Structure	TH61	Not Eligible	Buffer
WACGC-00210	Point Douglas Road – Cottage Grove Segment	Structure	Point Douglas Road	Unevaluated	Buffer
WA-CGC-00212	Chicago Burlington & Quincy Railroad Line	Structure		Not Eligible	Buffer
WA-CGC-00211	Chicago Milwaukee St. Paul & Pacific Railroad Line	Structure		Unevaluated	Buffer
WA-CGC-00214	Glacial River Channel	Site	off U.S. Hwy. 10	Unevaluated	Buffer
WA-CGC-00154	Larson House	Building	9747 Miller Road	Unevaluated	Buffer
WA-CGC-00174	Smallidge Farmstead (razed)	Building	10051 Miller Road	Unevaluated	Buffer
WA-CGC-00229	Cottage View Drive-In	Building	9338 Point Douglas Road East	Not Eligible	Buffer

SHPO ID	Resource Name	Property Type	Address	NRHP Status	Proximity Project
WA-CGC-00019	3M Chemolite Plant	Building	xxx Chemolite Rd.	Unevaluated	Buffer
WA-CGC-00155	Kemp Farmstead	Building	9430 Point Douglas Road	Unevaluated	Buffer
WA-CGC-00156	Pommerening Barn	Building	9826 Point Douglas Rd.	Unevaluated	Buffer
WA-CGC-00064	James Sheridan Barn (razed)	Building	9866 Kimbro Avenue South	Unevaluated	Buffer
WA-CGC-00159	Eckdahl House	Building	10581 E. Point Douglas Road	Unevaluated	Buffer
WA-CGC-00225	Point Douglas Road Wayside Rest Area	Structure	East Point Douglas Road	Unevaluated	Buffer
WA-CGC-00158	Hale Barn	Building	10532 East Point Douglas Road	Unevaluated	Buffer
WA-CGC-00237	Bridge 9071	Structure	CSAH 19 3.1 mi NW of Jct. TH 95	Not Eligible	Buffer

Other Sources

Historical maps, atlases, and aerial photographs of the Project Area were reviewed to ascertain locations of potential, unrecorded, historic or archaeological resources. Maps and aerial photographs with coverage of the Study Area in Cottage Grove were reviewed in the following publications:

- 1847 General Land Office Survey Map (Bureau of Land Management [BLM])
- 1870-79? Geologic and Natural History Survey of Minnesota: Washington County (N.H. Winchell)
- 1874 Map of Washington County, Minn., St. Corix Valley Academy, Afton. (A.T. Andreas)
- 1847-1857 Road Book 1, Washington County, Minnesota (Minnesota Historical Society)
- 1911 Washington County Map (Rand, McNally and Co.)
- 1912 Cottage Grove Township, Langdon, St Paul Park (Web Publishing Co.)
- 1938 Cottage Grove Township, Langboy, St. Paul Park (Hudson Map Co.)
- 1950, 1951, 1967 Map of St Paul Park, MN 7.5 topographic maps (USGS 2025)
- 1953, 1959 Saint Paul, MN 7.5' topographic maps (USGS 2025)
- 1985, 1990 Hastings Scale 1:100000 topographic maps (USGS 2025)
- 1947, 1957, 1966, 1972, 1979, 1980, 1986, 1991, 2003, 2008, 2009, 2010, 2013, 2015, 2017, 2019, 2021 aerial photography (Historic Aerials 2025)

The BLM GLO Map notes the natural ridge passing through the Study Area, with the Mississippi River in the southern portion of the Study Area. The 1874 Winchell Map depicts the C.M. Rail Road (Chicago-Minneapolis) as running through the Study Area. No structures are presented within the Study Area.

The 1874 Winchell map shows some development, including main roads to the east and north of the Study Area, as well as ownership to the south along the Mississippi River. A school appears just over one mile from the study area, at the intersection of two main roadways.

The 1911 Rand, McNally and Company Map further confirms the presence of the Chicago Milwaukee and St. Paul Railroad (WA-CGC-00211) within the vicinity of the Project as well as the Chicago Burlington and Quincy Railroad Line (WA-CHC-00212) to the south of the Project.

In 1912, the parcel in the northeast quarter of Section 27, to the northeast of the Chicago, Milwaukee, and St. Paul Railroad Line, has an owner with the surname Daulton. In 1938, Jos. A Daulton is shown to be the owner of the same parcel. Both maps show that Daulton also owned the southwest corner of Section 22 adjacent to the property. A roadway was located to the west of Daulton's property, while trunk highways 10 and 61 defined the boundary to the northeast in the 1938 map. Structures are not marked within the property on either map.

The 1950, 1951, and 1967 St. Paul Park topographic maps do not depict any structures located in the northwest corner of Section 27. To the south a substation and disposal ponds appear to be among the infrastructure put in place by 1967.

The 1967 topographic map does not show any structures within the Project Area. Historic aerial photographs from 1966 do show one small substation in place near the train tracks, immediately to the west of the Project Area. Prior to this, 1947 and 1957 historic aerial photos show the land as used for agriculture. An expansion is added to the substation to the south in 1972, which was destroyed between 1986 and 1991. The expansion is adjacent to, but outside of, the Project Area. The LSP-Cottage Grove power station is in place by 2003.

Field Investigations

Ryan Steeves completed a Phase I Archaeological Reconnaissance Survey of the proposed Project APE on October 9, 2025 (**Exhibit 1**). Weather was clear and cool throughout the day. Survey consisted of visual inspection of the entirety of the Project as well as 21 subsurface shovel tests which were screened through ¼-inch hardware mesh. Shovel testing was completed in intervals of 15 meters with adjustments made to compensate for heavy disturbance and drainages. The 21 test locations were examined, recorded, and photographed (**Exhibit 2; Appendix B**) with the results available in **Appendix A**.

Several shovel tests were conducted in areas that appeared least disturbed throughout the Project Area. The western shovel test area was placed above the modified drainage in the southwestern portion of the Project, south of the pressurized gas pipe infrastructure. The southern portion of this shovel testing area showed heavy gravel near the drainage area. A large field in the northeast portion of the Project was also shovel tested in a 15-meter grid. The soils within the field were inconsistent and should be considered heavily disturbed. Those areas adjacent to the plant entrance were heavily landscaped, with buried lines prevalent. **Appendix B** shows images of disturbance throughout the Project Area. Testing failed to yield any cultural materials.

Natural soils in the Project consist of the Dickman and Sparta series, both of which consist of very deep, drained soils that formed in glacial outwash or eolian materials. The A horizon of the Sparta Series consists of a 10YR 2/2 loamy fine sand, which is followed by an AB horizon of 7.5YR 3/2. Sparta soils are often located in cultivated fields. The AB horizon extends to approximately 38 cm, where a 7.5YR 4/4 fine sand is encountered. The A-horizon of the Dickman Series consists of a 10YR 2/1 sandy loam that transitions into a 10YR 3/1 sandy loam. The B horizon begins with a

10YR 4/3 sandy loam (SoilWeb 2025). Encountered soils throughout the Project Area were not consistent with natural soils. Elements of the A-Horizon were often mixed with lower levels and potentially introduced soils. Soils within the Project Area were heavily disturbed.

Results and Recommendations

No cultural resources were identified during the archaeological survey of the APE. It is likely that the entirety of the Project was disturbed during the construction of the Cottage Grove Facility. Westwood recommends that the Project may proceed as planned.

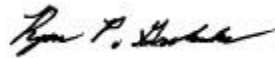
Westwood stresses that if construction plans are altered to include areas not previously surveyed, those locations must be examined for cultural resources. Although an archaeological survey was completed, the possibility of unidentified resources remains. Minnesota Statute 307.08, the Private Cemeteries Act, prohibits the intentional disturbance of human burials. If human remains are encountered during construction activities, all ground disturbing activity must cease and local law enforcement must be notified.

Sincerely,

WESTWOOD PROFESSIONAL SERVICES



Ryan Steeves, MA RPA
Principal Investigator



Ryan P. Grohnke, RA
Cultural Resources Manager

Attached:

- Exhibit 1: Project Location
- Exhibit 2: Archaeological Investigation Results
- Appendix A: Shovel Test Results Table
- Appendix B: Representative Photographs

References

Andreas, A. T.

- 1874 Map of Washington County, Minn., St. Corix Valley Academy, Afton. An Illustrated Historical Atlas of the State of Minnesota. Online resource, <https://www.davidrumsey.com/luna/servlet/detail/RUMSEY~8~1~22485~740101:Map-of-Washington-County,-Minn---wi>, accessed September 2025.

Anfinson, S. F.

- 1990 Archaeological Regions in Minnesota and the Woodland Period. In *The Woodland Tradition in the Western Great Lakes: Papers Presented to Elden Johnson*, edited by G.E. Gibbon, pp. 135-166. University of Minnesota Publications in Anthropology Number 4, Minneapolis.

Bureau of Land Management (BLM)

- 1847 General Land Office Survey Map. Online resource, https://glorerecords.blm.gov/details/survey/default.aspx?dm_id=94345&sid=cmj04ntj.r2y, accessed September 2025.

Gibbon, Guy E., Craig M. Johnson, and Elizabeth Hobbs

- 2002 Chapter 3: Minnesota's Environment and Native American Culture History. In *Mn/Model Final Report Phases 1-3*, Minnesota Department of Transportation. SHPO Reference #95-4098. Online resource, <https://www.dot.state.mn.us/mnmodel/P3FinalReport/chapter3.html#ch34>, October 2025.

Historic Aerials

- 2025 Historic Aerials interactive mapping viewer. Online resource, <https://www.historicaerials.com/viewer>, accessed September 2025.

Hudson Map Company

- 1938 Cottage Grove Township, Langboy, St. Paul Park. From Washington County 1938, Minnesotal. Hudson Valley Map Co.. Accessed online, <https://historicmapworks.com/Map/US/1599981/Cottage+Grove+Township++Langboy++St++Paul+Park/Washington+County+1938/Minnesota/>, September 2025.

Minnesota Historical Society

- 1847 Road Plat Book, Number 1, Washington County, Minnesota. Contributions by Harvey Wilson; W.K. Marshall; Joseph W. Furber; Abram Van Vorhes; Aquilla D. Greeley; Mahlon Black. Online resource, <https://collection.mndigital.org/catalog/p15160coll6:78#?xywh=-1%2C-2078%2C11946%2C8816&cv=4>, accessed September 2025.

Rand, McNally and Company

- 1911 Washington County Map. From Washington County 1911c. Published by Rand, McNally and Company. Accessed online,

<https://historicmapworks.com/Map/US/212814/Washington+County+Map/Washington+County+1911c/Minnesota/>, September 2025.

SoilWeb

2025 SoilWeb. University of California Davis and Natural Resources Conservation Service. Online resource, <https://casoilresource.lawr.ucdavis.edu/gmap/>, accessed October, 2025.

U.S. Geological Survey (USGS)

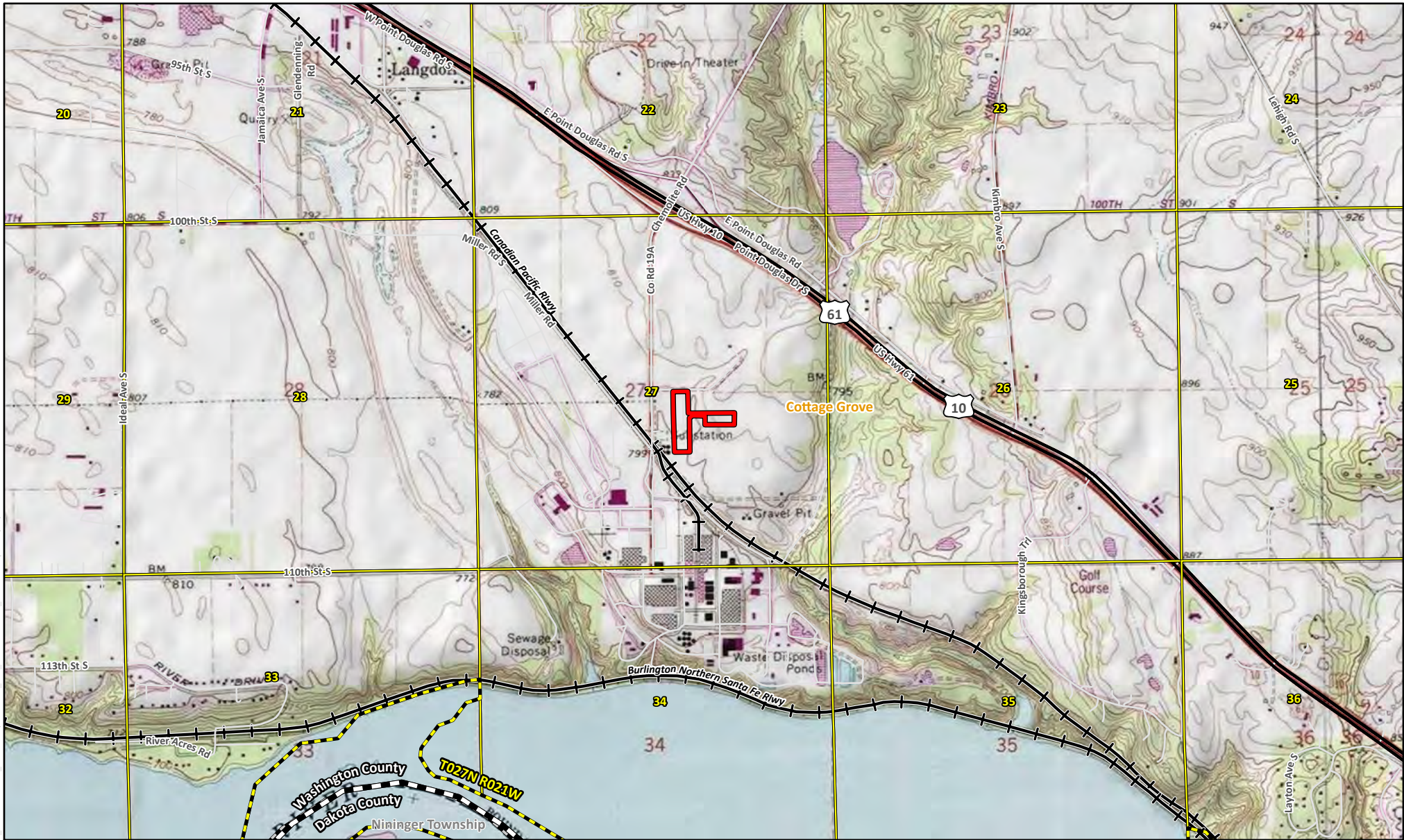
2025 topoView. United States Geological Service, Topographic Map data set. Accessed online, <https://ngmdb.usgs.gov/topoview/viewer/#4/40.01/-100.06>, September 2025.

Web Publishing Co.

1912 Cottage Grove Township, Langdon, St Paul Park. From Washington County 1912. Published by Web Publishing Co. Online resource, <https://historicmapworks.com/Map/US/475139/Cottage+Grove+Township++Langdon++St+Paul+Park/Washington+County+1912/Minnesota/>, accessed September 2025.

Winchell N.H.

1870-79? Washington County. Created by Winchell, N.H. (Newton Horace). Julius Bien & Co: Geological and Natural History Survey of Minnesota. Pioneer Press, Co., St. Paul. Accessed online, <https://umedia.lib.umn.edu/item/p16022coll231:3139?q=ogle+washington+county>, September 2025.



Data Source(s): Westwood (2025); Esri WMS USA Topo & World Streets Basemaps (Accessed 2025); PLSS (2024); U.S. Census Bureau (2024).



Westwood
Toll Free (888) 937-5150 westwoodps.com

Cottage Grove BESS Project

Project Location & USGS Topography

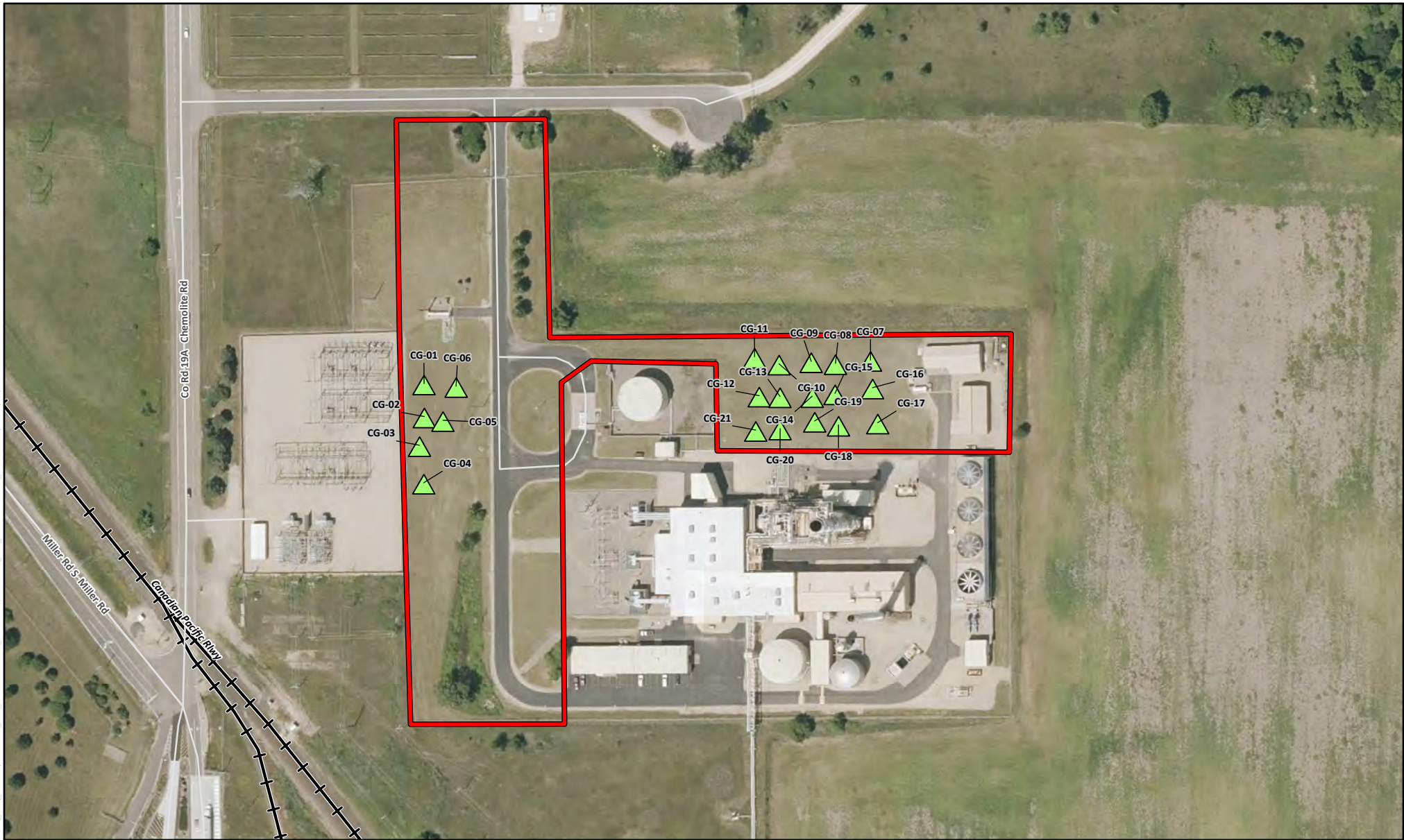
Legend

- | | | |
|------------------------|-------------------------|------------|
| Project Area | PLSS Section Boundary | Railroad |
| County Boundary | Civil Township Boundary | Major Road |
| PLSS Township Boundary | Municipal Boundary | Road |

Cottage Grove, Washington County, Minnesota

Exhibit 1





Data Source(s): Westwood (2025); NAIP (2023); U.S. Census Bureau (2024).



Westwood
Toll Free (888) 937-5150 westwoodps.com

Cottage Grove BESS Project

Archaeological Investigation Results

Legend

Project Area

Railroad

Road

Negative Shovel Test Point

Cottage Grove, Washington County, Minnesota

Exhibit 2

APPENDIX A:

Shovel Test Results Table

Cottage Grove BESS Project

Washington County, Minnesota

Appendix A. Shovel Test Results

Pole ID/ Shovel Test #	Depth (cmbs)	Soil Description	Soil Color	Results	Comments
CG-01	0-8	Loam; loam; loam and sand; loamy sand	10YR 3/3	Negative	Increasingly compact and increasingly mottled towards the base.
	8-19		10YR 2/2		
	19-28		10YR 2/2 (10YR 5/4)		
	28-48		10YR 2/2 (10YR 5/4)		
	Base of Excavation				
CG-02	0-10	Loam; loam; loam and sand	10YR 3/3	Negative	Increasingly compact and increasingly mottled towards the base.
	10-23		10YR 2/2		
	23-49		10YR 2/2 (10YR 5/4)		
	Base of Excavation				
CG-03	0-12	Sandy loam; sandy loam	10YR 4/3	Negative	Increasing rock and gravel towards base, 40%.
	12-44		10YR 4/2		
	Base of Excavation				
CG-04	0-13	Sandy loam; sandy loam	10YR 4/3	Negative	Increasing rock and gravel towards base, 40%.
	13-34		10YR 4/2		
	Base of Excavation				
CG-05	0-20	Sandy loam; sandy loam	10YR 4/3	Negative	Increasing rock and gravel towards base, 40%.
	20-40		10YR 4/2		
	Base of Excavation				
CG-06	0-19	Sandy loam; sandy loam	10YR 4/3	Negative	Increasing rock and gravel towards base, 40%.
	19-47		10YR 4/2		
	Base of Excavation				

Appendix A. Shovel Test Results

Pole ID/ Shovel Test #	Depth (cmbs)	Soil Description	Soil Color	Results	Comments
CG-07	0-8	Loamy clay; sand; loamy sand; sand	10YR 3/4	Negative	Level II is likely result of disturbance, small sand layer. Base entirely sand.
	8-11		10YR 7/2		
	11-23		10YR 2/2		
	23-40		10YR 5/2		
	Base of Excavation				
CG-08	0-10	Compact mottled clay	10YR 2/2 (10YR 5/2)	Negative	Very compact mottled clay.
	Base of Excavation				
CG-09	0-10	Compact clay; clay sand	10YR 2/2 (10YR 5/2)	Negative	Mottled compact clay gives way to sand. Heavy disturbance.
	10-30		10YR 5/3		
	Base of Excavation				
CG-10	0-10	Compact clay; clay sand	10YR 3/3	Negative	Heavily disturbed.
	10-36		10YR 4/3		
	Base of Excavation				
CG-11	0-10	Compact mottled clay	10YR 2/2 (10YR 5/2)	Negative	Heavily disturbed.
	Base of Excavation				
CG-12	0-15	Clay loam; sandy clay loam	10YR 3/3	Negative	Heavily disturbed.
	15-34		10YR 5/2		
	Base of Excavation				
CG-13	0-10	Clay loam; sandy clay loam	10YR 3/3	Negative	Heavily disturbed
	10-22		10YR 5/2		
	Base of Excavation				

Appendix A. Shovel Test Results

Pole ID/ Shovel Test #	Depth (cmbs)	Soil Description	Soil Color	Results	Comments
CG-14	0-13	Compact mottled clay	10YR 2/2 (10YR 5/2)	Negative	Very compact, heavily disturbed.
	Base of Excavation				
CG-15	0-14	Clay loam; sandy clay loam	10YR 3/3	Negative	Heavily disturbed.
	14-34		10YR 5/2		
	Base of Excavation				
CG-16	0-10	Compact mottled clay	10YR 2/2 (10YR 5/2)	Negative	Very compact, heavily disturbed.
	Base of Excavation				
CG-17	0-13	Compact mottled clay; sandy clay	10YR 2/2 (10YR 5/2)	Negative	Very compact, heavily disturbed.
	13-20		10YR 5/2		
	Base of Excavation				
CG-18	0-15	Clay loam; sandy clay loam	10YR 3/3	Negative	Heavily disturbed.
	15-34		10YR 5/2		
	Base of Excavation				
CG-19	0-12	Clay loam; sandy clay loam	10YR 3/3	Negative	Heavily disturbed.
	12-27		10YR 5/2		
	Base of Excavation				
CG-20	0-13	Clay loam; sandy clay loam	10YR 3/3	Negative	Heavily disturbed.
	13-29		10YR 5/2		
	Base of Excavation				
CG-21	0-10	Clay loam; sandy clay loam	10YR 3/3	Negative	Heavily disturbed.
	10-33		10YR 5/2		
	Base of Excavation				

APPENDIX B:

Representative Photographs

Cottage Grove BESS Project

Washington County, MN

Photo 1.
Overview from
southwest
Property Area,
facing north,
large drainage
area.



Photo 2. Large
wetland,
southern
Project Area,
facing north.



Photo 3. Central Project Area, landscape with buried lines, heavily disturbed, facing south.



Photo 4. Northwest Project Area, pressurized gas pipe, heavily modified landscape.



Photo 5.
Northern
Project Area,
buried lines,
ditch and road
berm, facing
south.



Photo 6.
Northern
corridor,
disturbed.



Photo 7.
Overview from
southwest
Property Area,
facing north,
large drainage
area.



Photo 8.
Disturbed area
near in place
infrastructure.



Photo 9.
Western shovel
testing area,
towards fence
line. Facing
south.



Photo 10.
Eastern shovel
testing area
towards fence
line, facing
north.



Photo 11. CG-01



Photo 12. CG-06



Photo 13. CG-07



Photo 14. CG-12

