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Figure No.  
**15**

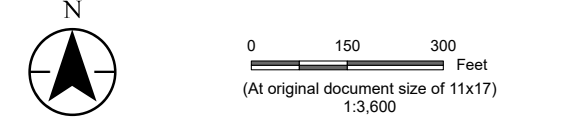
Title  
**Off-Site Aerial Review  
(9/2021 Dakota County Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

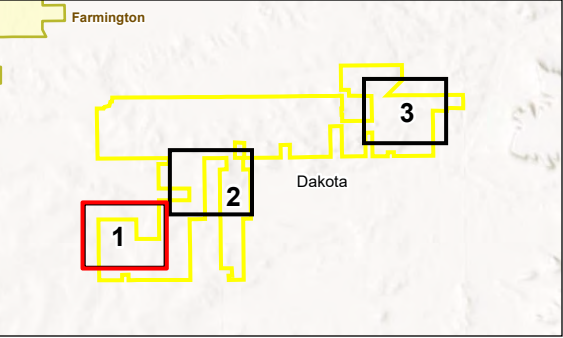
Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



Legend

- Project Boundary
- Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet
2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





V:\1937\Active\193709215\03\_data\gis\cad\gis\mxd\Wetland\_Delineation\Wetland\_Delineation.aprx Revised: 2024-12-23 By: kjmueller

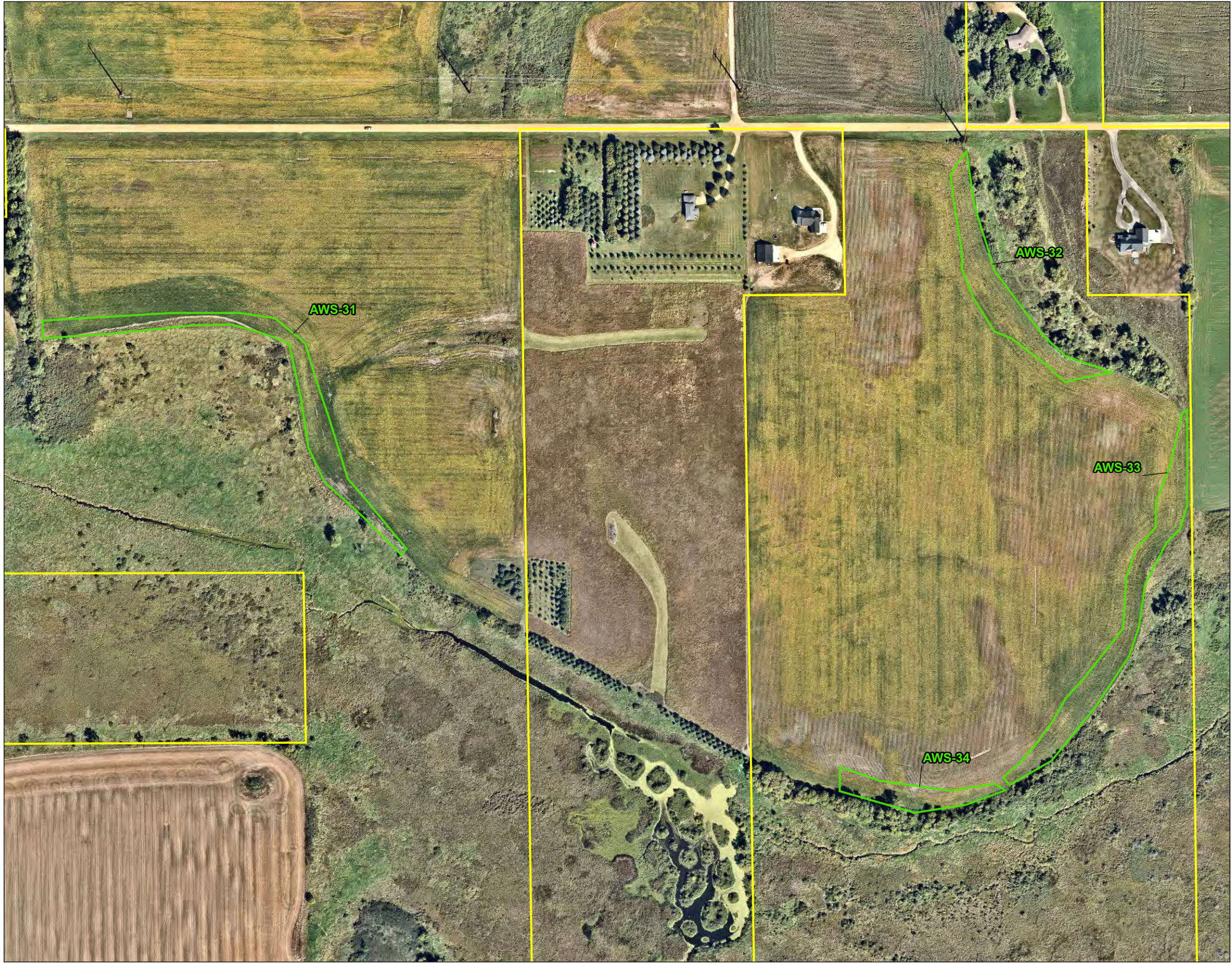


Figure No.  
**15**

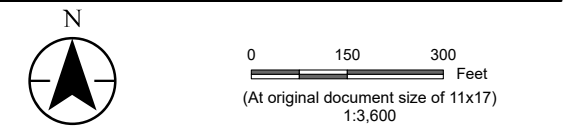
Title  
**Off-Site Aerial Review  
(9/2021 Dakota County Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

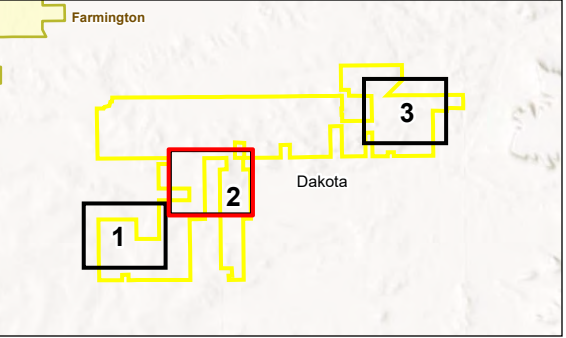
193709215

Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
- Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet

2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS







Figure No.  
**15**

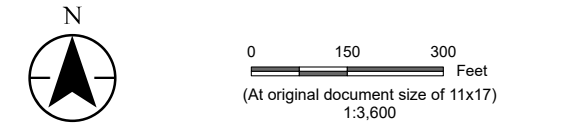
Title  
**Off-Site Aerial Review  
(9/2021 Dakota County Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

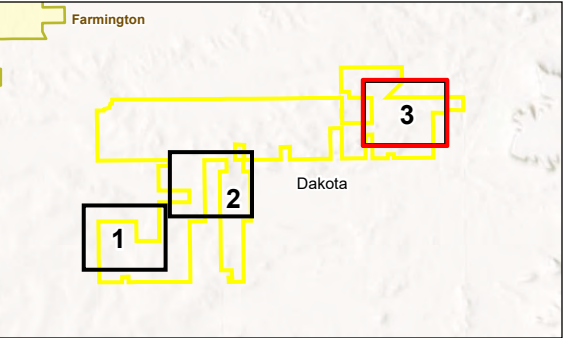
193709215

Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet

2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**16**

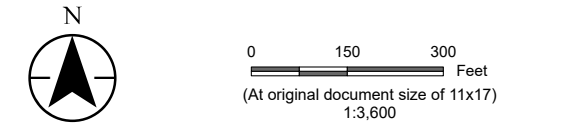
Title  
**Off-Site Aerial Review  
(7/30/2019 NAIP Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

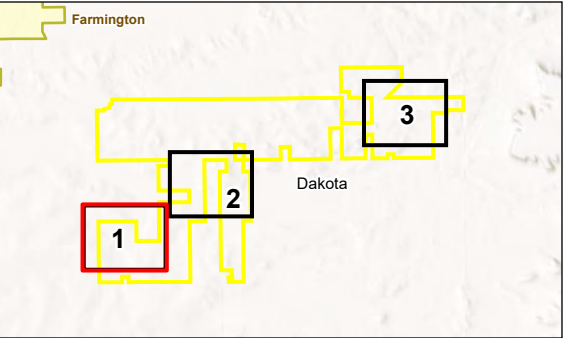
Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



Legend

- Project Boundary
- Aerial Wetness Signature Wetland



Notes

- Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet
- Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**16**

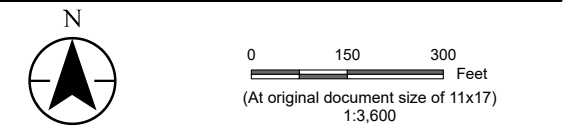
Title  
**Off-Site Aerial Review  
(7/30/2019 NAIP Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

Project Location  
T. of Castle Rock  
Dakota Co., MN

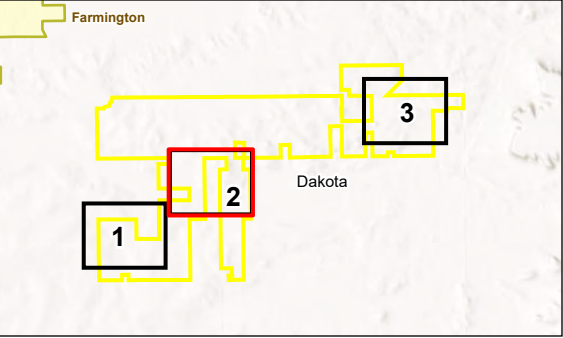
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Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



Legend

- Project Boundary
- Aerial Wetness Signature Wetland



Notes

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- Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**16**

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Title  
**Off-Site Aerial Review  
(7/30/2019 NAIP Imagery)**

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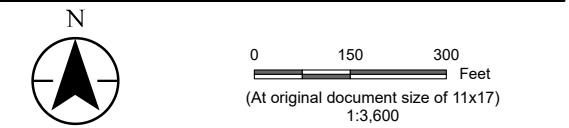
Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

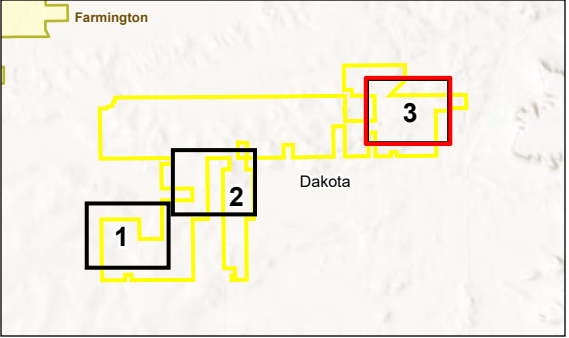
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Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet  
2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**17**

Title  
**Off-Site Aerial Review  
(10/23/2018 Dakota County Imagery)**

---

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

---

Project Location  
T. of Castle Rock  
Dakota Co., MN

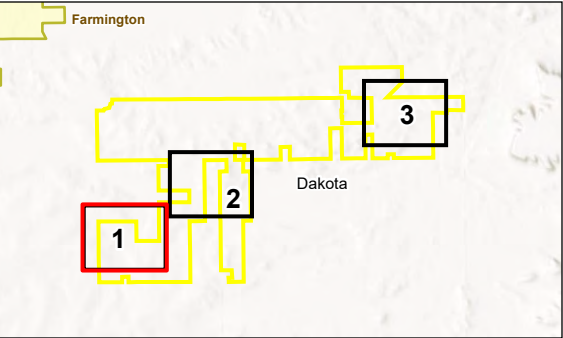
Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28

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N

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(At original document size of 11x17)  
1:3,600

- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet

2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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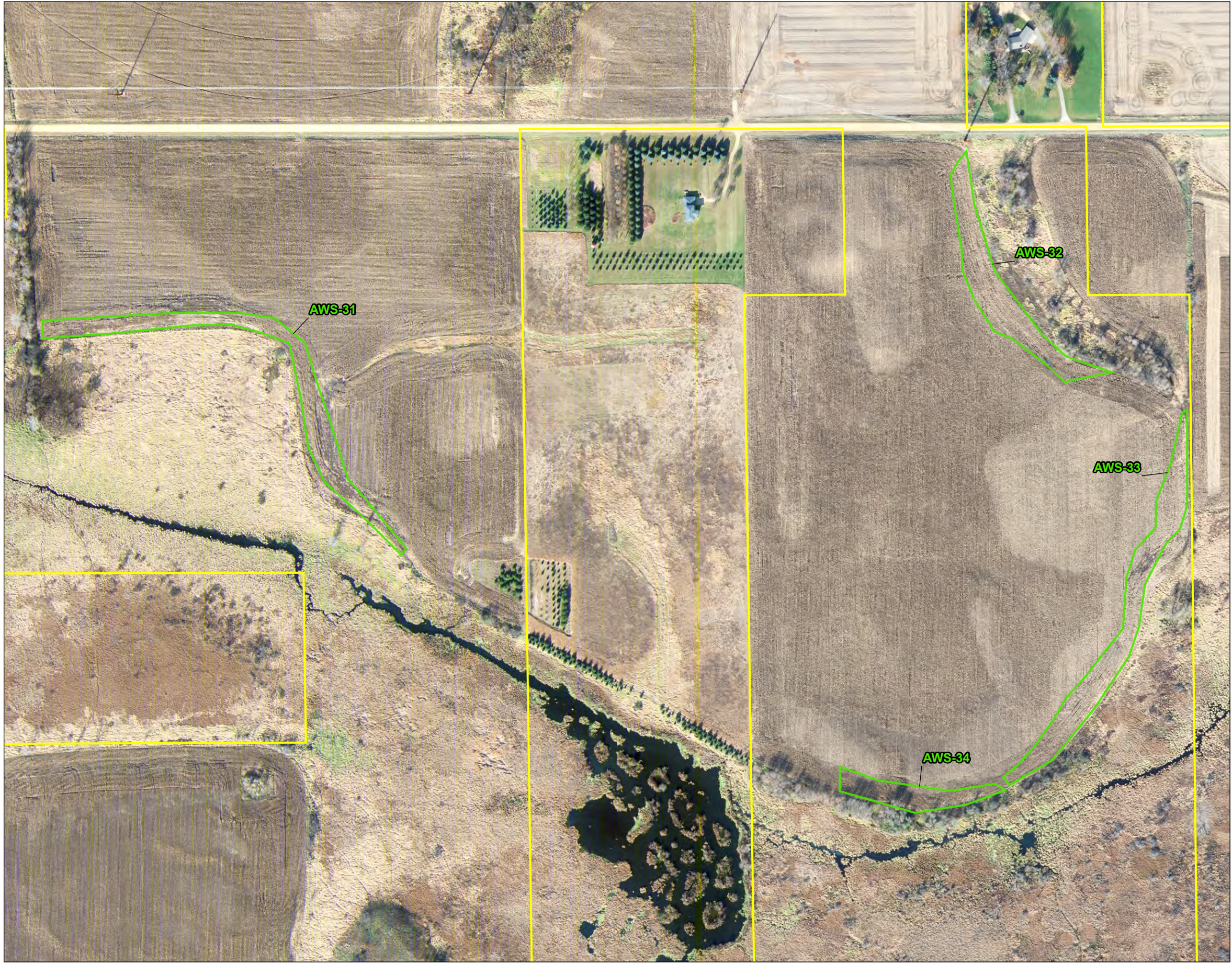


Figure No.  
**17**

Title  
**Off-Site Aerial Review  
(10/23/2018 Dakota County Imagery)**

---

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

---

Project Location  
T. of Castle Rock  
Dakota Co., MN

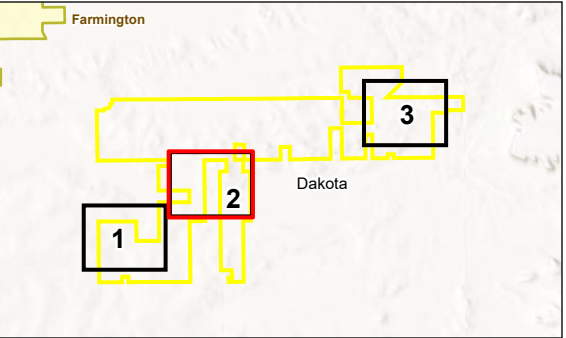
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TR by KM on 2024-10-28  
IR by JK on 2024-10-28

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N

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(At original document size of 11x17)  
1:3,600

- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet

2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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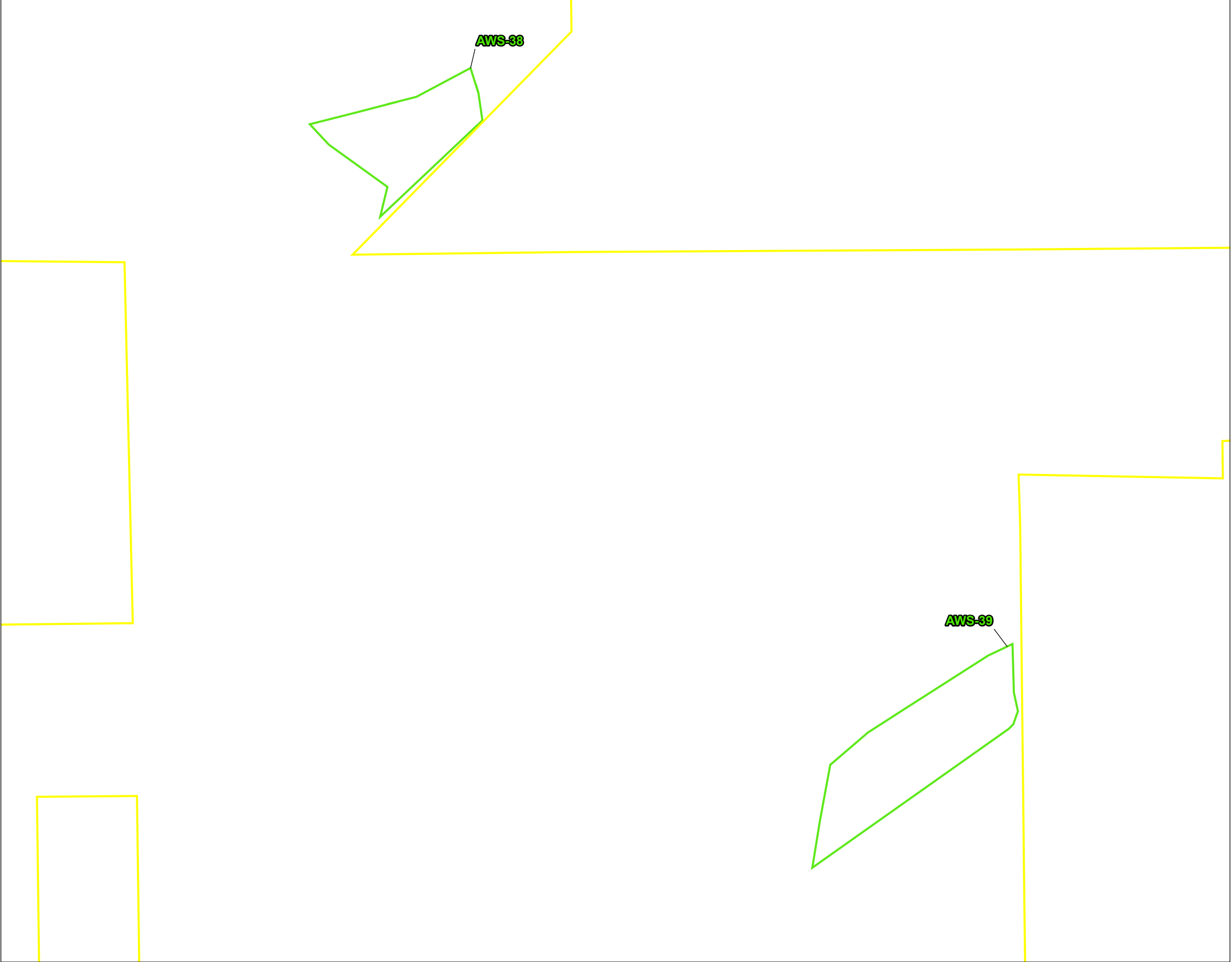


Figure No.  
**17**

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Title  
**Off-Site Aerial Review  
(10/23/2018 Dakota County Imagery)**

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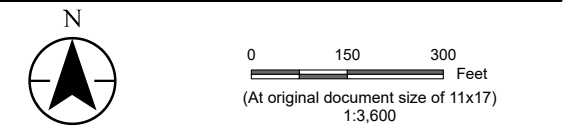
Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

---

Project Location  
T. of Castle Rock  
Dakota Co., MN

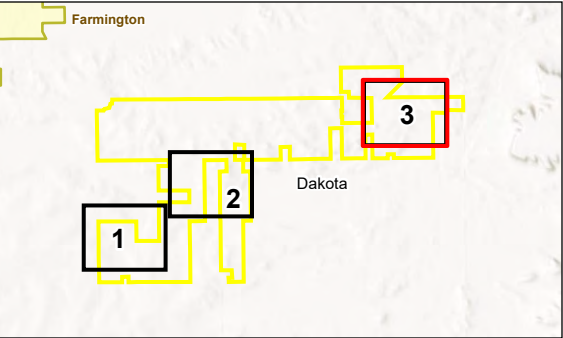
Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



Legend

- Project Boundary
- Aerial Wetness Signature Wetland

*\*Note: The extent of the 2018 imagery does not extend to the eastern portion of the Project Area.*



**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet  
2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS







Figure No.  
**18**

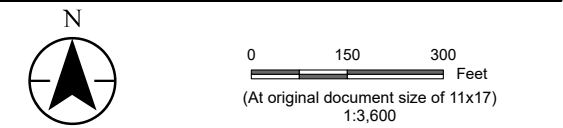
Title  
**Off-Site Aerial Review  
(5/2017 Dakota County Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

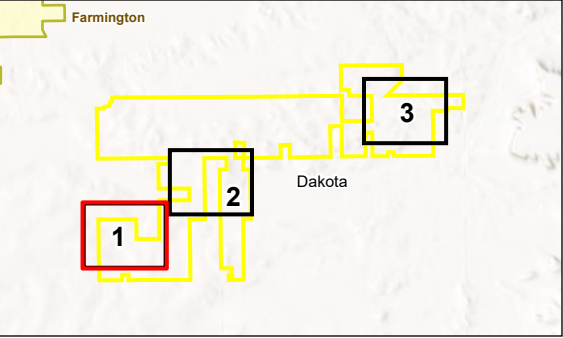
193709215

Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet  
2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





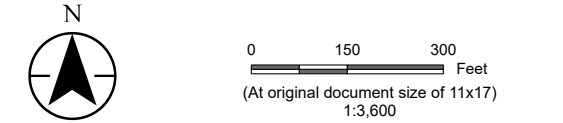
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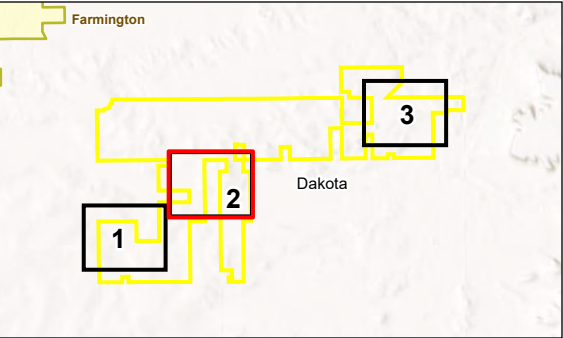
Figure No.  
**18**  
Title  
**Off-Site Aerial Review  
(5/2017 Dakota County Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project  
193709215

Project Location  
T. of Castle Rock  
Dakota Co., MN  
Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet  
2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**18**

Title  
**Off-Site Aerial Review  
(5/2017 Dakota County Imagery)**

---

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

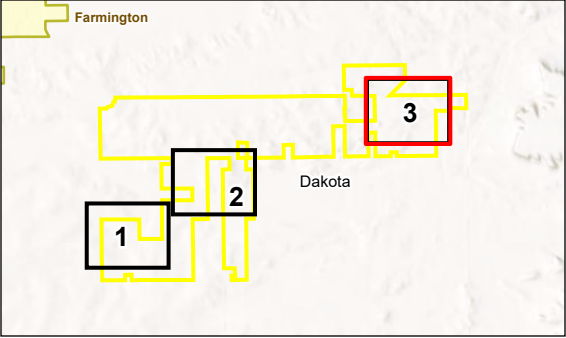
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Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

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2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**19**

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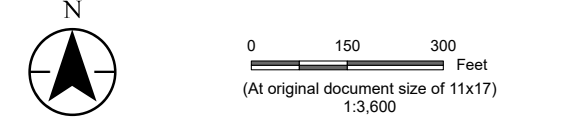
Title  
**Off-Site Aerial Review  
(8/31/2017 NAIP Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

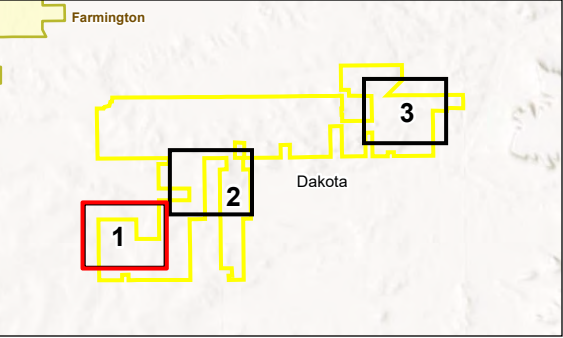
193709215

Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
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IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

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2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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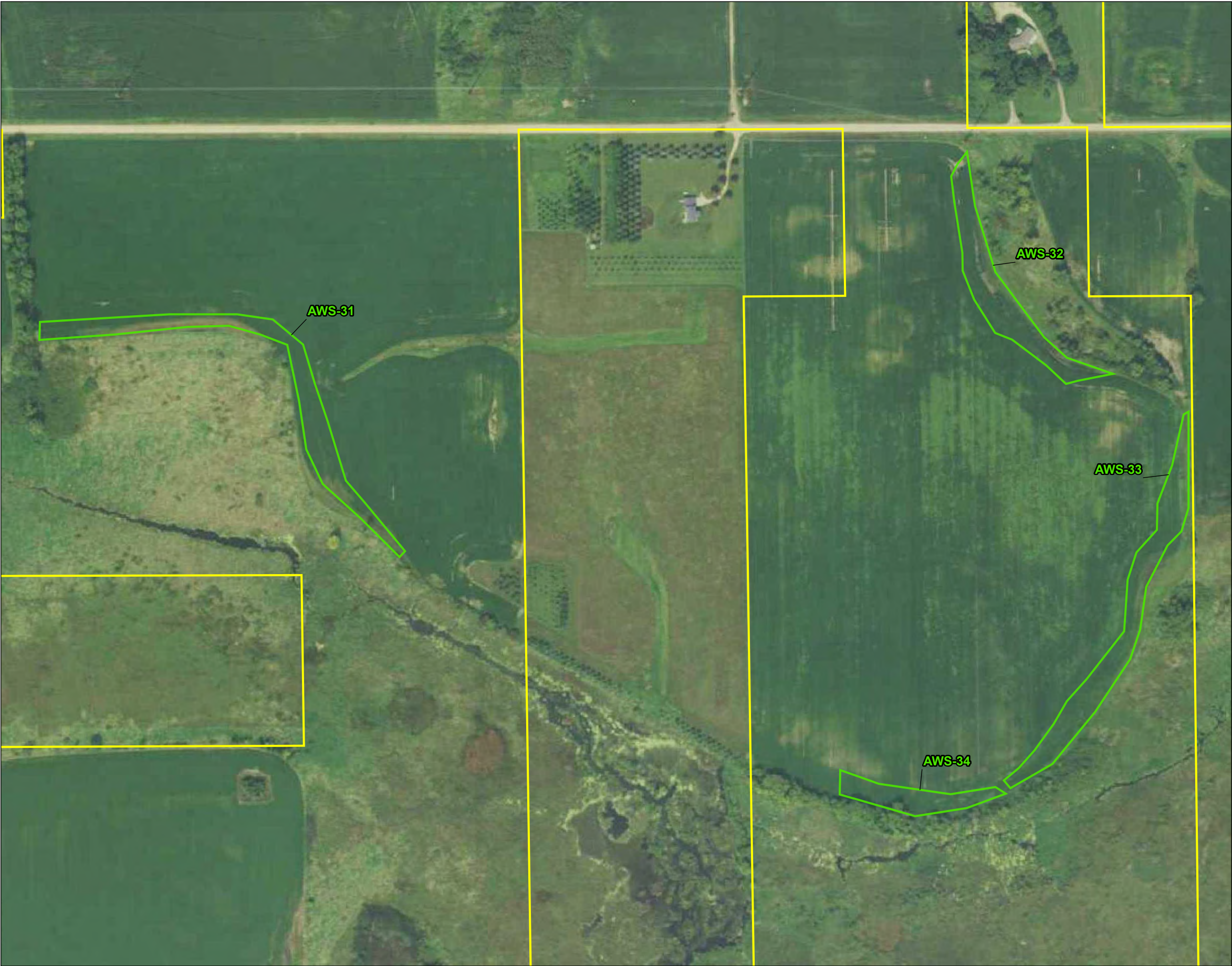


Figure No.  
**19**

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Title  
**Off-Site Aerial Review  
(8/31/2017 NAIP Imagery)**

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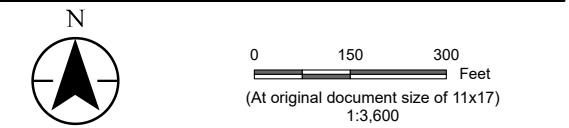
Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

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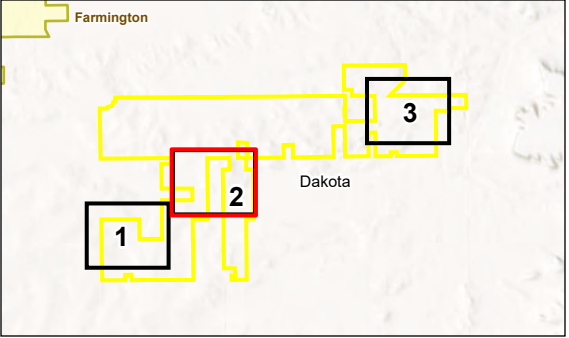
Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



Legend

- Project Boundary
- Aerial Wetness Signature Wetland



Notes

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2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**19**

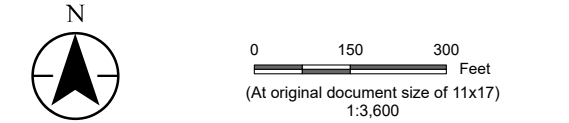
Title  
**Off-Site Aerial Review  
(8/31/2017 NAIP Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

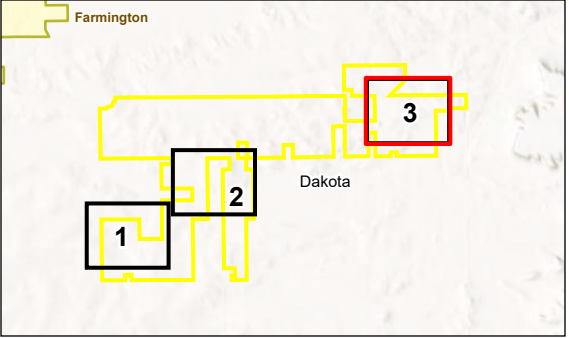
Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
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IR by JK on 2024-10-28



Legend

- Project Boundary
- Aerial Wetness Signature Wetland



Notes

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- Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS







Figure No.  
**20**

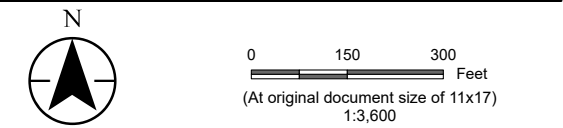
Title  
**Off-Site Aerial Review  
(5/2016 Dakota County Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

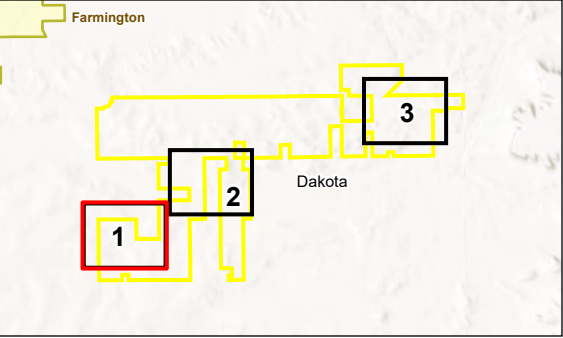
Project Location  
T. of Castle Rock  
Dakota Co., MN

193709215

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet

2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS







Figure No.  
**20**

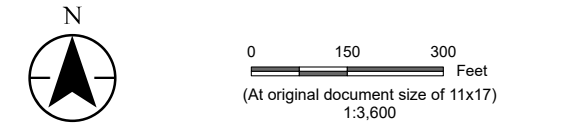
Title  
**Off-Site Aerial Review  
(5/2016 Dakota County Imagery)**

Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

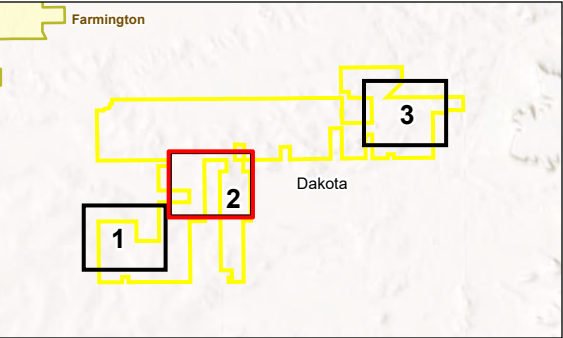
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Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
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- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

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2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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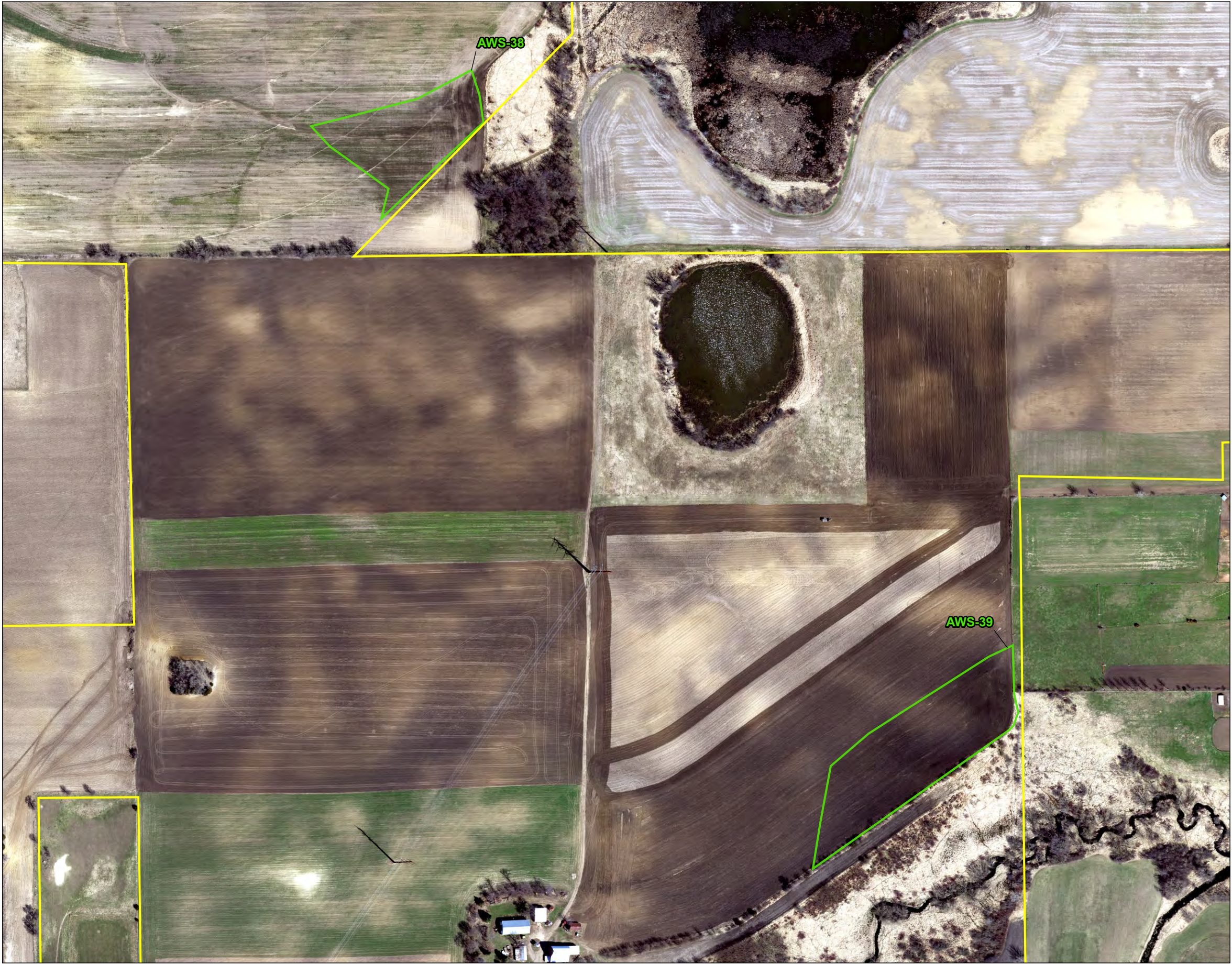


Figure No.  
**20**

Title  
**Off-Site Aerial Review  
(5/2016 Dakota County Imagery)**

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Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

Project Location  
T. of Castle Rock  
Dakota Co., MN

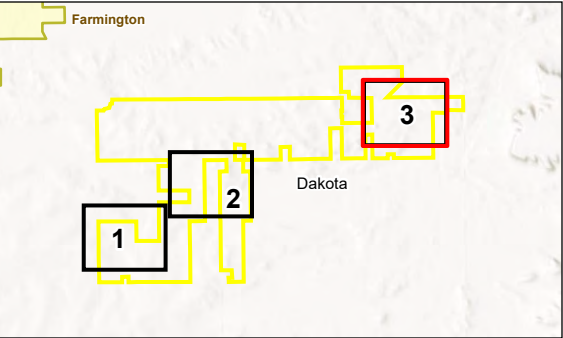
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TR by KM on 2024-10-28  
IR by JK on 2024-10-28

193709215

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(At original document size of 11x17)  
1:3,600

- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

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2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**21**

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Title  
**Off-Site Aerial Review  
(9/30/2015 NAIP Imagery)**

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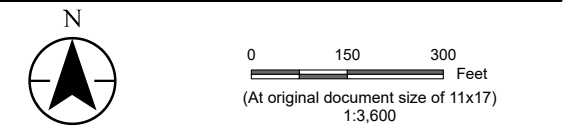
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Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

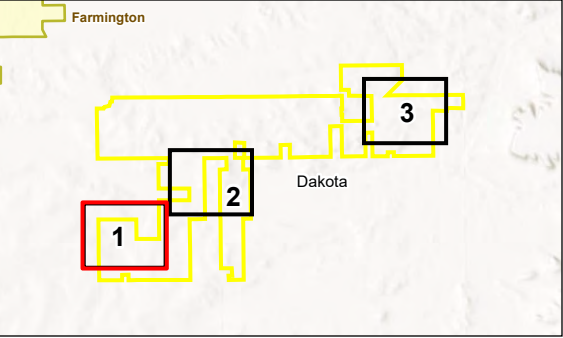
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Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
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- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



**Notes**

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2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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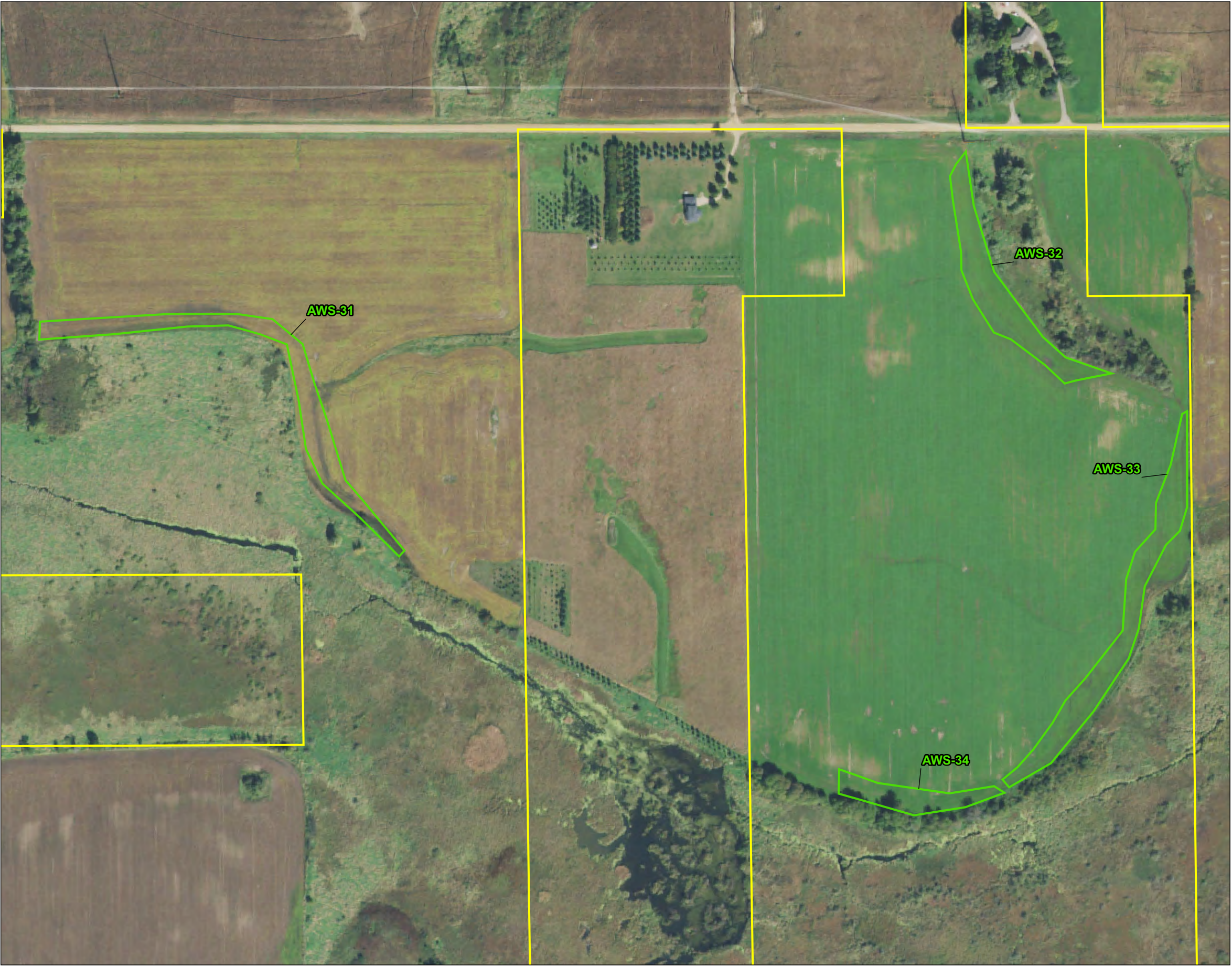


Figure No.  
**21**

Title  
**Off-Site Aerial Review  
(9/30/2015 NAIP Imagery)**

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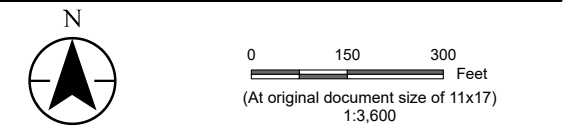
Client/Project  
Castle Rock Solar LLC  
Castle Rock Solar Project

193709215

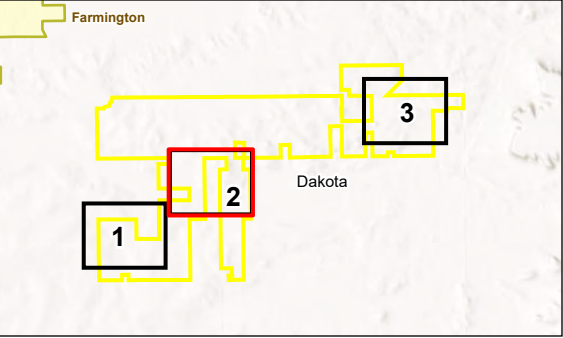
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Project Location  
T. of Castle Rock  
Dakota Co., MN

Prepared by KJM on 2024-10-28  
TR by KM on 2024-10-28  
IR by JK on 2024-10-28



- Legend
- Project Boundary
  - Aerial Wetness Signature Wetland



Notes

1. Coordinate System: NAD 1983 StatePlane Minnesota South FIPS 2203 Feet

2. Data Sources: Stantec, Castle Rock Solar LLC, Dakota Co., NADS, USGS





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Figure No.  
**21**

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Title  
**Off-Site Aerial Review  
(9/30/2015 NAIP Imagery)**

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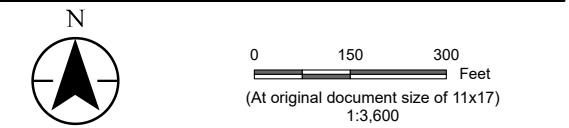
Client/Project  
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Castle Rock Solar Project

193709215

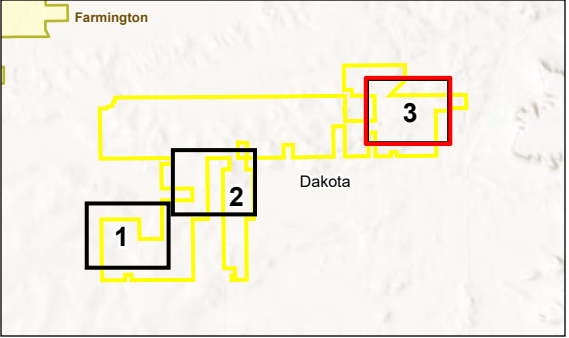
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## **WETLAND DELINEATION REPORT**

Castle Rock Solar Project

Appendix F Notice of Decision (NOD) for Previously Approved Delineation

### **Appendix F NOTICE OF DECISION (NOD) FOR PREVIOUSLY APPROVED DELINEATION**



## Minnesota Wetland Conservation Act Notice of Decision

<b>Local Government Unit:</b> Castle Rock Township	<b>County:</b> Dakota
<b>Applicant Name:</b> Oppidan, Pete Carbonneau	
<b>Applicant Representative:</b> Kimley-Horn and Associates, Inc., Keller Leet-Otley	
<b>Project Name:</b> M500A Abandonment	<b>LGU Project No. (if any):</b> SWCD # 23-CAS-157
<b>Date Complete Application Received by LGU:</b> 01/22/24	
<b>Date of LGU Decision:</b> 02/23/24	
<b>Date this Notice was Sent:</b> 02/23/24	

**WCA Decision Type - check all that apply**

<input checked="" type="checkbox"/> Wetland Boundary/Type	<input type="checkbox"/> Sequencing	<input type="checkbox"/> Replacement Plan	<input type="checkbox"/> Bank Plan (not credit purchase)
<input type="checkbox"/> No-Loss (8420.0415)	<input type="checkbox"/> Exemption (8420.0420)		
Part: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H		Subpart: <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	

**Replacement Plan Impacts** (replacement plan decisions only)

<b>Total WCA Wetland Impact Area:</b>	
Wetland Replacement Type:	<input type="checkbox"/> Project Specific Credits:
	<input type="checkbox"/> Bank Credits:
<b>Bank Account Number(s):</b>	

**Technical Evaluation Panel Findings and Recommendations (attach if any)**

<input type="checkbox"/> Approve <input type="checkbox"/> Approve w/Conditions <input type="checkbox"/> Deny <input checked="" type="checkbox"/> No TEP Recommendation
--

**LGU Decision**

<input type="checkbox"/> Approved with Conditions (specify below) <sup>1</sup> List Conditions:	<input checked="" type="checkbox"/> Approved <sup>1</sup>	<input type="checkbox"/> Denied
<b>Decision-Maker for this Application:</b> <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other:		
<b>Decision is valid for:</b> <input checked="" type="checkbox"/> 5 years (default) <input type="checkbox"/> Other (specify):		

<sup>1</sup> *Wetland Replacement Plan approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.*

**LGU Findings – Attach document(s) and/or insert narrative providing the basis for the LGU decision<sup>1</sup>.**

<input type="checkbox"/> Attachment(s) (specify):	<input checked="" type="checkbox"/> Summary: The Notice of Application was sent out January 23, 2024 and the comment period ended on February 16, 2024. No comments were received. The SWCD and BWSR conducted a field review of the project area on October 26, 2023 and verified the boundary and type of eight wetlands and 2 waterways present in the project area (see Table 1).
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<sup>1</sup> Findings must consider any TEP recommendations.

**Attached Project Documents**

<input checked="" type="checkbox"/> Site Location Map <input type="checkbox"/> Project Plan(s)/Descriptions/Reports (specify): <a href="#">Click here to enter text.</a>
--



## Appeals of LGU Decisions

If you wish to appeal this decision, you must provide a written request within 30 calendar days of the date you received the notice. All appeals must be submitted to the Board of Water and Soil Resources Executive Director along with a check payable to BWSR for \$500 *unless* the LGU has adopted a local appeal process as identified below. The check must be sent by mail and the written request to appeal can be submitted by mail or e-mail. The appeal should include a copy of this notice, name and contact information of appellant(s) and their representatives (if applicable), a statement clarifying the intent to appeal and supporting information as to why the decision is in error. Send to:

Appeals & Regulatory Compliance Coordinator  
Minnesota Board of Water & Soils Resources  
520 Lafayette Road North  
St. Paul, MN 55155  
[travis.germundson@state.mn.us](mailto:travis.germundson@state.mn.us)

Does the LGU have a local appeal process applicable to this decision?

☒ Yes<sup>1</sup>      ☐ No

<sup>1</sup>If yes, all appeals must first be considered via the local appeals process.

**Local Appeals Submittal Requirements** (LGU must describe how to appeal, submittal requirements, fees, etc. as applicable)

Send petition within 30 calendar days of date receive notice and \$TBD fee to: Castle Rock Township, 2537 240th Street West, Farmington, MN 55024

## Notice Distribution (include name)

*Required on all notices:*

<input checked="" type="checkbox"/> SWCD TEP Member: <b>David Holmen</b>	<input checked="" type="checkbox"/> BWSR TEP Member: <b>Jed Chesnut</b>
<input checked="" type="checkbox"/> LGU TEP Member (if different than LGU contact): <b>Clerk, Castle Rock Township</b>	
<input checked="" type="checkbox"/> DNR Representative: <b>Tim Pharis</b>	
<input checked="" type="checkbox"/> Watershed District or Watershed Mgmt. Org.: <b>Travis Thiel, Vermillion River Watershed JPO</b>	
<input checked="" type="checkbox"/> Applicant (notice only): <b>Pete Carbonneau, Oppidan</b>	
<input checked="" type="checkbox"/> Agent/Consultant (notice only): <b>Keller Leet-Otley, Kimley-Horn and Associates, Inc.</b>	

*Optional or As Applicable:*

<input type="checkbox"/> Corps of Engineers: <b>usace_requests_mn@usace.army.mil</b>	
<input type="checkbox"/> BWSR Wetland Mitigation Coordinator (required for bank plan applications only):	
<input type="checkbox"/> Members of the Public (notice only):	<input type="checkbox"/> Other:

<b>Signature:</b> 	<b>Date:</b> 02/23/24
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This notice and accompanying application materials may be sent electronically or by mail. The LGU may opt to send a summary of the application to members of the public upon request per 8420.0255, Subp. 3.



## 7 Summary of Results

**Table 1: Delineation Summary**

Resource ID	Wetland Plant Community	C-39 Type <sup>1</sup>	Cowardin Classification <sup>2</sup>	Size (acres/linear feet) <sup>3</sup>	NWI?	Hydric Soils? <sup>4</sup>	Photo ID	Associated Sample Points	NOTES	Regulatory Status <sup>5</sup>
<b>Wetlands</b>										
<b>Wetland 1</b>	Wet Meadow / Shallow Marsh	Type 2/3	PEM1B / PEM1C	4.60	PEM1Af	Yes	1-3	SP-1 (Wet) SP-2 (Up)	Wetland complex located in a depression along the edge of an agricultural field in the southwestern portion of the site. The complex consisted of a fresh (wet) meadow plant community in the north and a shallow marsh plant community in the south. The wetland collects runoff from the surrounding landscape and appears surficially isolated from other resources.	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.
<b>Wetland 2</b>	Seasonally Flooded Basin	Type 1	PEM1Af	0.24	No	No	4	SP-8 (Wet) SP-10 (Up)	Wetland located in depression in the south-central portion of the study area. The wetland collects runoff from the surrounding landscape	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.

<sup>1</sup> The Circular 39 wetland types are found here: [https://bwsr.state.mn.us/sites/default/files/2018-12/WETLANDS\\_delin\\_Circular\\_39\\_MN.pdf](https://bwsr.state.mn.us/sites/default/files/2018-12/WETLANDS_delin_Circular_39_MN.pdf)

<sup>2</sup> The Cowardin Classification System codes are found here: <https://www.fws.gov/wetlands/documents/Wetlands-and-Deepwater-Habitats-Classification-chart.pdf>

<sup>3</sup> Size of wetland features and additional areas investigated provided in acres and size of non-wetland, linear features provided in linear feet.

<sup>4</sup> Areas identified as hydric contain partially hydric soils (equal to or greater than 33% of soil component) mapped within the resource area.

<sup>5</sup> Regulatory Status is based on best professional judgment and has not been verified with agency staff.



Resource ID	Wetland Plant Community	C-39 Type <sup>1</sup>	Cowardin Classification <sup>2</sup>	Size (acres/linear feet) <sup>3</sup>	NWI?	Hydric Soils? <sup>4</sup>	Photo ID	Associated Sample Points	NOTES	Regulatory Status <sup>5</sup>
									and appears surficially isolated from other aquatic resources. The wetland boundary was based on the change in topography, presence of hydric soil, and hydrophytic vegetation dominance.	
<b>Wetland 3</b>	Wet Meadow / Shallow Marsh / Shrub Swamp	Type 2/3/6	PEM1B / PEM1C / PSS1A	1.54	PSS1 / EM1Ad / PEM1Af	Yes	5, 6	SP-13, SP-19, SP-5 (Wet) SP-6 (Up)	Wetland complex located in a depression in the south-central portion of the site. The complex consisted of a fresh (wet) meadow plant community, a shrub swamp plant community, and shallow marsh plant communities. The wetland collects runoff from the surrounding landscape and drains south through Ephemeral Stream 1.	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.
<b>Wetland 4</b>	Seasonally Flooded Basin	Type 1	PEM1Af	0.60	No	No	7, 8	SP-14 (Wet)	Wetland located in depression in the south-central portion of the study area. The wetland collects runoff from the surrounding landscape and appears surficially isolated from other aquatic resources. The wetland boundary was based on the change in topography and offsite aerial review.	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.
<b>Wetland 5</b>	Wet Meadow / Shrub Swamp	Type 2/6	PEM1B / PSS1A	4.04	PEM1Ad	Yes	9	SP-17 (Wet) SP-18 (Up)	Wetland complex located in a depression in the southeastern portion of the site. The complex consisted of a fresh (wet) meadow plant community in the north and south, and a shrub swamp plant community in the center of the wetland. The wetland collects runoff from the surrounding landscape	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.

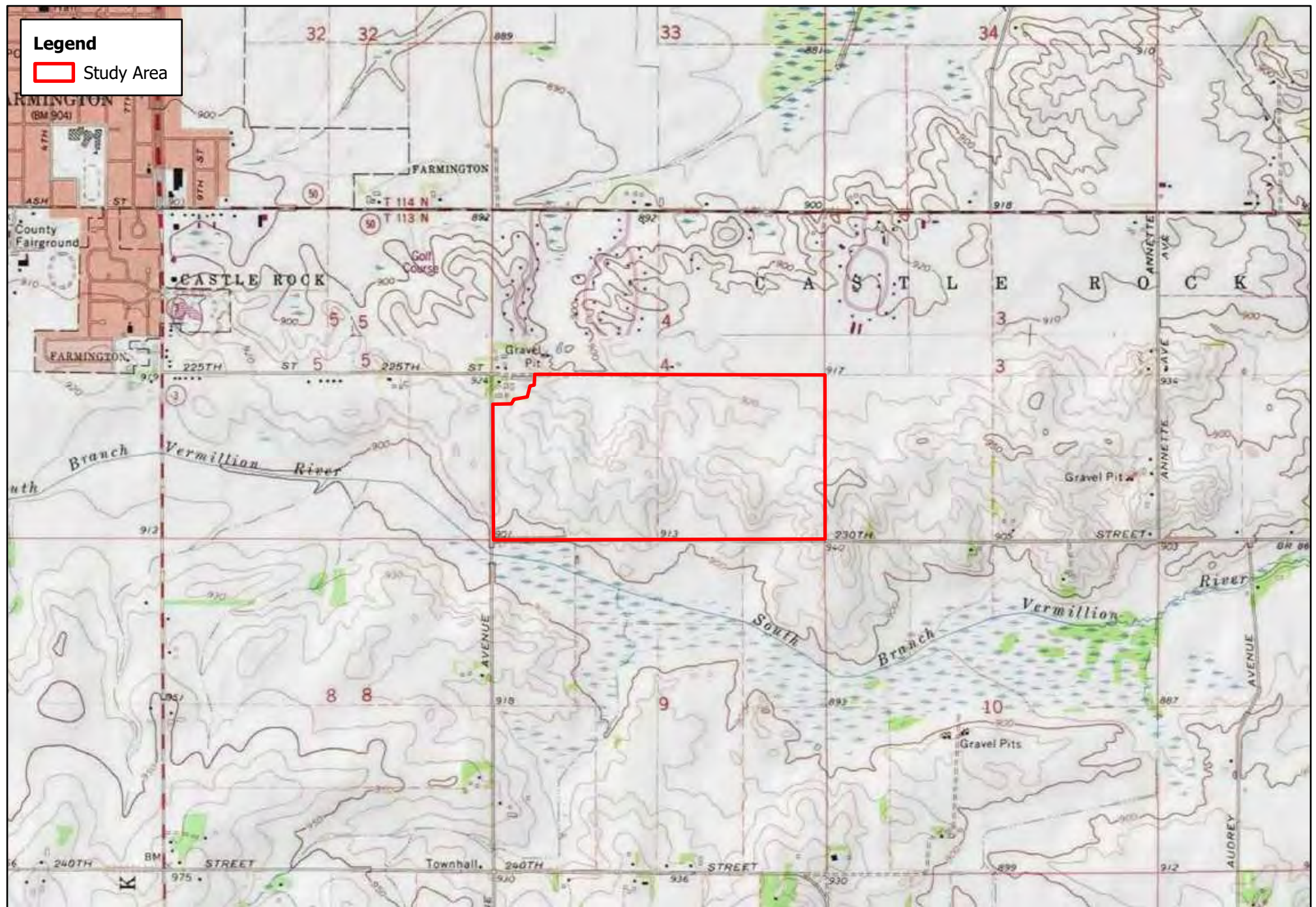


Resource ID	Wetland Plant Community	C-39 Type <sup>1</sup>	Cowardin Classification <sup>2</sup>	Size (acres/linear feet) <sup>3</sup>	NWI?	Hydric Soils? <sup>4</sup>	Photo ID	Associated Sample Points	NOTES	Regulatory Status <sup>5</sup>
									and appears surficially isolated from other aquatic resources.	
<b>Wetland 6</b>	Seasonally Flooded Basin	Type 1	PEM1Af	0.44	No	No	10	SP-12 (Wet) SP-20 (Up)	Wetland located in depression in the central portion of the study area. The wetland collects runoff from the surrounding landscape and appears surficially isolated from other aquatic resources. The wetland boundary was based on the presence of hydrology, hydrophytic vegetation dominance, and offsite aerial review.	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.
<b>Wetland 7</b>	Seasonally Flooded Basin	Type 1	PEM1A	1.32	No	Yes	11	SP-15 (Wet)	Wetland located in depression along the northwestern boundary of the study area. The wetland collects runoff from the surrounding landscape and drains north offsite through a culvert. The wetland boundary was based on the change in topography and offsite aerial review.	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.
<b>Wetland 8</b>	Seasonally Flooded Basin	Type 1	PEM1A	0.64	No	Yes	12	SP-16	Wetland located in a depression in the northwestern portion of the study area. The wetland collects runoff from the surrounding landscape and appears surficially isolated from other resources. The wetland boundary was based on the change in topography and offsite aerial review.	WCA Jurisdictional: draining, filling, and/or excavating will be regulated.
<b>Non-Wetland Aquatic Resources</b>										



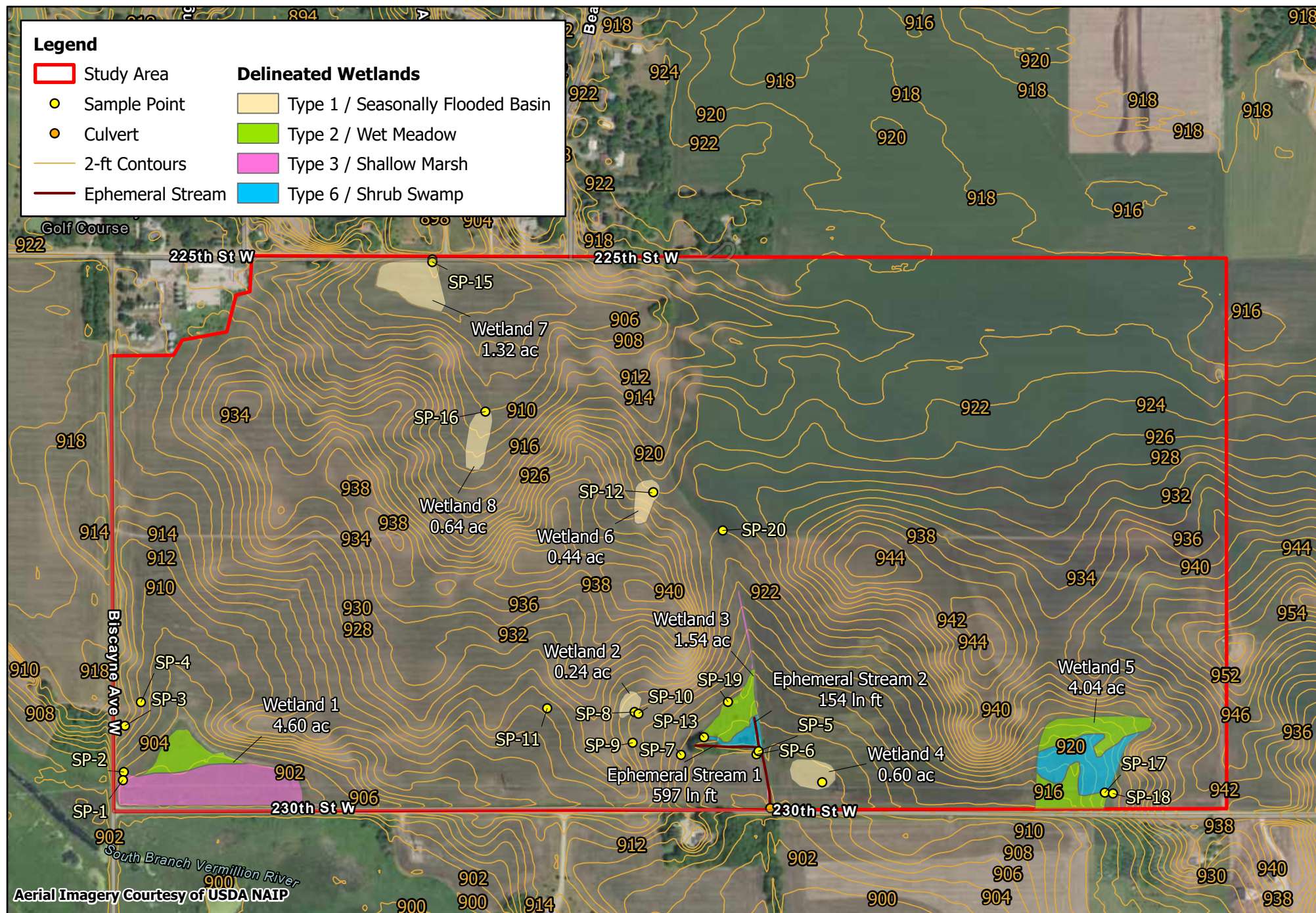
Resource ID	Wetland Plant Community	C-39 Type <sup>1</sup>	Cowardin Classification <sup>2</sup>	Size (acres/linear feet) <sup>3</sup>	NWI?	Hydric Soils? <sup>4</sup>	Photo ID	Associated Sample Points	NOTES	Regulatory Status <sup>5</sup>
<b>Ephemeral Stream 1</b>	-	-	N/A	597 ln ft	PSS1/EM1Ad	Yes	5	-	Ephemeral Stream 1 was located in the southern portion of the site and collected drainage from Wetland 3. The stream drained offsite to the south through a culvert and is a tributary to the offsite South Branch Vermillion River. The stream had gradual banks 6 to 12 inches deep and 1 to 2 feet wide. Flowing water was observed in the stream. Water levels were approximately 4 to 12 inches in depth.	Non-Jurisdictional: does not meet the definition of a Relatively Permanent Water (RPW).
<b>Ephemeral Stream 2</b>	-	-	N/A	154 ln ft	PSS1/EM1Ad	No	18	-	Ephemeral Stream 2 was located in the southern portion of the site and collected drainage from Wetland 3. The stream drained south into Ephemeral Stream 1. The stream had gradual banks 6 to 12 inches deep and 1 to 2 feet wide. Flowing water was observed in the stream. Water levels were approximately 4 to 12 inches in depth.	Non-Jurisdictional: does not meet the definition of an RPW.





**Figure 2. USGS Topographic Map**  
Dakota County, MN





**Figure 4. Delineation Summary Map**  
Dakota County, MN