



Land Use and Building Department

520 East 2nd South Street
Mountain Home, Id. 83647
Phone: (208) 587-2142 ext. 1256
Fax: (208) 587-2120
www.elmorecounty.org

Mitra Mehta-Cooper,
Director

Kacey Ramsauer
Planner

David Abrahamson
Planner

Vacant
Planner

Johnny Hernandez,
Building Official

Colton Janousek
Building Inspector

James Roddin,
*Administrative
Manager*

Vacant
Code Enforcement

Sandra Nuner
Permit Technician

Alyssa Nieto,
*Administrative
Assistant*

Planning and Zoning Commission Staff Report

Workshop Date: 12/19/2024

Date Report Completed: 12/12/2024

Agenda Item: Crimson Orchard Solar LLC/Clenera Public Workshop

Case Number(s): CUP-2024-18 with Master Site Plan

Parcels:

RP03S06E081890 – 378.4 Acres
RP03S06E090080 – 351 Acres
RP03S06E103040 – 39.97 Acres
RP03S06E034810 – 160 Acres
RP03S06E033600 – 80 Acres

Current Zoning District and Future Land Use:

Agriculture with Wildfire Urban Interface (WUI) Overlay

Owner/Applicant:

Clenera/Crimson Orchard Solar LLC (“Applicant”)
999 W Main St. Ste 800
Boise, Idaho 83701

Elmore County Staff:

Mitra Mehta-Cooper, AICP, CFM
David Abrahamson, Planner

Elmore County Consultants:

Suzy Cavanagh, HDR Inc
Angie Michaels, Engineering with a Mission, LLC
Anne Wescott, Consulting County Economist
Abbey Germaine, Elam & Burke, P.A.

The Elmore County Planning and Zoning Commission (the “Commission”) will hold a public workshop to review the proposed Conditional Use Permit (“CUP-2024-18” or “Application”) to construct, operate and maintain a 100-megawatt (MW) electricity generation and production facility located on the north and south side of I-84 at Exit 90, approximately 3

miles north of the City of Mountain Home. The project will include approximately 775 acres of solar arrays and a battery energy storage system (BESS), a temporary laydown yard, Operation and Maintenance (O&M) facility, access roads, and associated facilities (the “Project” or “Facility”) on approximately 775 acres of private land in Elmore County. Please refer to site plan (Attachment A).

Application Review:

CUP-2024-18 Application is reviewed based on Title 7, Chapter 2, Land Use Tables, Zoning Districts and associated Base Densities, Overlay Districts, and Boundaries, and includes all requirements applicable to Electrical Generating (§ 7-2-103) and Energy Production facilities (§ 7-2-106) in Agricultural zone, per the Elmore County Zoning Ordinance 2018 (“Zoning Ord.”).

The Applicant began meeting with Elmore County Land Use and Building Department (“Department”) staff on April 8th, 2024, to discuss the materials and process that would be required for the Project. Since then, the following pre-application requirements have been fulfilled for this Application pursuant to County Code § 7-3-2(A):

- On April 8, 2024, the Applicant attended a pre-application meeting with the Department Director (“Director”) and the Planner to discuss this proposal.
- On July 8, 2024, and July 9, 2024, the Applicant conducted two Neighborhood Meetings to discuss this Project with property owners within a 1-mile radius. (Attachment G.1 – G.3) to Application)
- Staff has verified that the Applicant has met neighborhood meeting and locational (on-site or near the proposed site) requirements of Zoning Ord. § 7-3-3 for Neighborhood Meetings. (Attachment G.1 -G.2) to Application)
- On July 29, 2024, the Department received CUP-2024-18 Application Packet (Attachment B) and Project Narrative (Attachment C).

The CUP Application has been reviewed by a County Review Team, comprising of County Planner, David Abrahamson; Consulting Planner, Suzy Cavanagh; County Engineer, Angie Micheals; County Economist, Anne Wescott; and Attorney of the Record, Abbey Germaine. Furthermore, the Department conducted an agency meeting on October 9, 2024, at 2:00pm and November 13, 2024, at 2:00 p.m. with affected agency representatives to discuss this Project. The following written comments have been received so far (Attachment D.1-D.19):

Attachment D.1	Floodplain Email – Engineering with a Mission LLC Angie Micheals
Attachment D.2	Floodplain Map - Engineering with a Mission LLC Angie Micheals
Attachment D.3	LEPA Inventory Standards – BLM
Attachment D.4	Email from Cara - type of Connections to Danskin Substation
Attachment D.5	Signed off Form – Central District Health
Attachment D.6	Comment Letter – City of Mountain Home
Attachment D.7	Comment Letter – Department of Environmental Quality
Attachment D.8	Reply Email – Emergency Medical Services
Attachment D.9	Federal Aviation Administration Brief #98 – Idaho Air National Guard
Attachment D.10	Memo – HDR Suzy Cavanaugh
Attachment D.11	Email – Idaho Governor’s Office Energy Minerals
Attachment D.12	Comment Letter – Idaho Fish and Game
Attachment D.13	Email Reply - Idaho Transportation Department

Attachment D.14	Email Reply – Idaho Transportation Department Div. of Aeronautics
Attachment D.15	Comment Email - Rural Development and Idaho Power
Attachment D.16	Email – Elmore County Sheriff
Attachment D.17	House Bill No 511 – Standards for Guide Towers
Attachment D.18	Comment Email – United States Fish and Game
Attachment D.19	Comment Email – United States Fish and Wildlife Service

The following additional coordination has taken place to date between the Department and Applicant:

- On July 31, 2024, the Applicant met with Department Director, Planner, and contract team members to go over coordination details for Application review.
- On October 23, 2024, a Completeness Memo was sent to the Applicant (Attachment E). The Applicant has turned in most missing items that were discussed in the completeness memo as discussed below.
- On November 18, 2024, there was another meeting between the Director, Planner, and contract team and the Applicant to discuss substantive information for floodplain application/material, developer agreement, economic analysis, master site plan, and fire district agreement.

Application Review Status:

The Applicant’s representatives have continued coordination with Elmore County and Agency staff for this Application. As of the writing of this staff report, the Applicant has turned in the following items identified in Staff’s Completeness Memo (Attachment F).

Attachment F.1 - Visual Simulation.

Attachment F.2 - Draft of Decommissioning Plan.

Attachment F.3 - Master Site Plan.

Attachment F.4 - Response to HDR’s Comments.

Attachment F.5 - Mountain Home Rural Fire District correspondence email.

Attachment F.6 – Federal Aviation Administration (FAA) Director correspondence letter.

Attachment F.7 - Reply to Completeness Memo.

Attachment F.8 - Glint Glare Study.

As of writing of this report, the County Review Team is awaiting the following Applications to complete the Application Packet prior to scheduling this Application for a public hearing.

- Floodplain Applications
- Development Agreement Application

Today’s workshop was advertised in the Mountain Home News on December 4, 2024. The site was posted on 12/11/2024. Neighborhood notifications were sent out on 12/10/2024, and the following agencies were notified for it on 12/12/2024.

- Elmore County Engineer
- Elmore County Sheriff
- Mountain Home Highway District

- Mountain Home Rural Fire Department
- City of Mountain Home
- Elmore County Ambulance Service
- Elmore County Surveyor
- Elmore County Assessor
- Elmore County Treasurer
- Elmore County Economic Development
- Bureau of Land Management
- Central District Health
- Mountain Home Air Force Base
- State Fire Marshall
- Idaho Department of Lands
- Bureau of Land Management
- Idaho Air National Guard
- Idaho National Guard
- Idaho Power
- Idaho Department of Fish and Game
- Idaho Department of Transportation
- Idaho Department of Agricultural
- Union Pacific Railroad
- Idaho Office of Energy & Mineral Resources
- Marathon Gas Pipeline

The purpose of this workshop is to introduce the Project for Crimson Orchard Solar LLC (CUP-2024-18) to the Planning and Zoning Commission and receive their feedback prior to the public hearing. Staff and Applicant will continue coordination on the draft Development Agreement and Decommissioning Bond as well as Floodplain Applications material prior to a public hearing for CUP-2024-18.

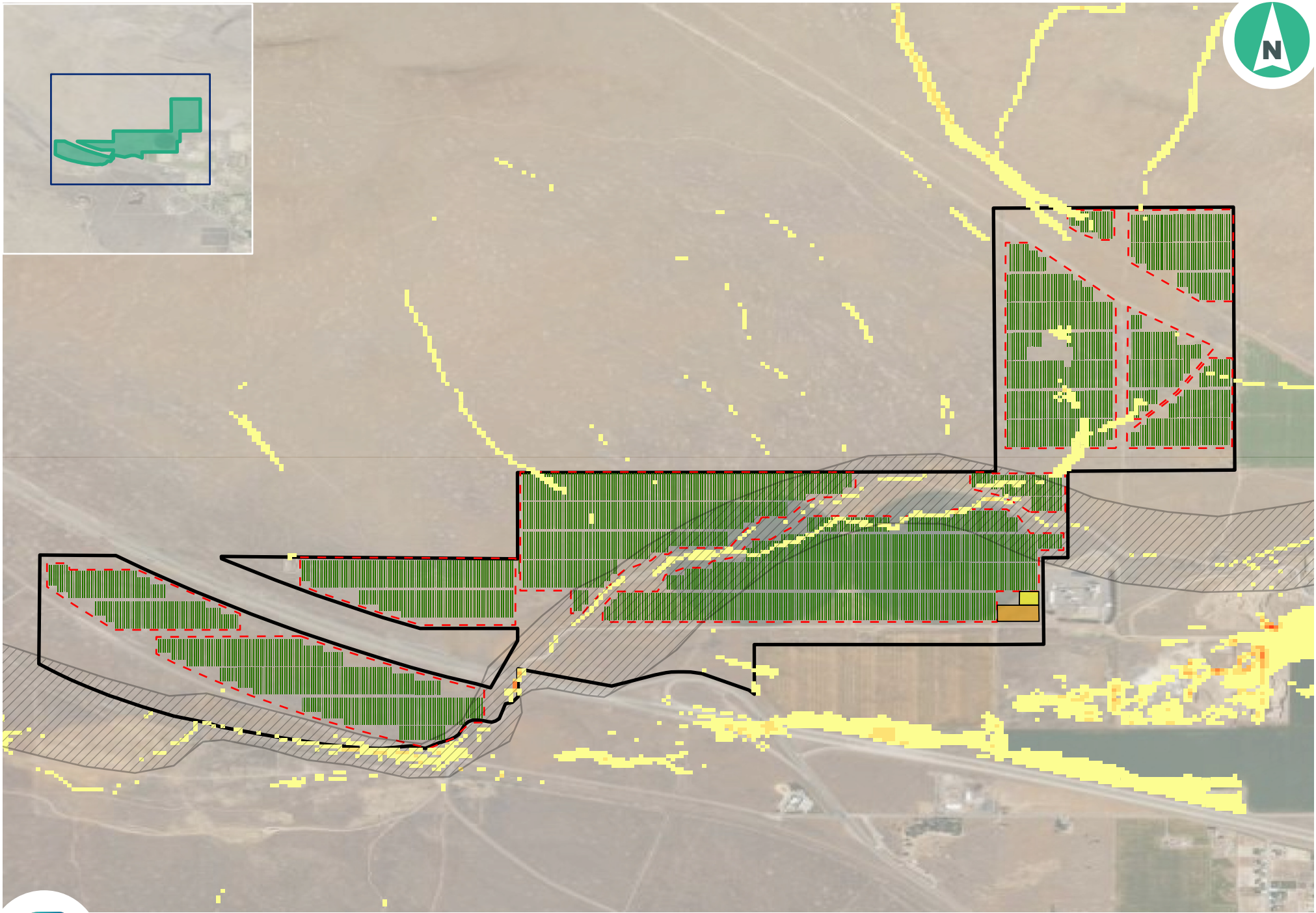
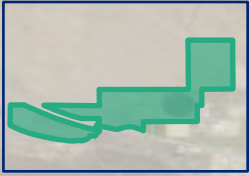
Sincerely,

David Abrahamson



David Abrahamson
 Land Use and Building Department
 Planner
 520 E 2nd S Street
 Mountain Home, Idaho 83647
 208-587-2142 ext. 1269

ATTACHMENT A
PROPERTY/SITE



ATTACHMENT B
CUP-2024-18
APPLICATION

Crimson Orchard Solar LLC

August 8, 2024

Elmore County
Planning and Zoning Department
520 E 2nd S Street
Mountain Home, ID 83647

Crimson Orchard Solar LLC (“Crimson Orchard”) respectfully submits this application for a Conditional Use Permit for the development, construction, and operation of the following facilities (the “Project”):

- Solar energy generation facility
- Battery Energy Storage System
- Project substation

Attached to this letter you will find the following items:

- Attachment A - Application for a Conditional Use Permit
- Attachment B - Legal description of the project and CUP boundary
- Attachment C - Proof of Site Control- Memorandum of Lease
- Attachment D - Floodplain map
- Attachment E - Project narrative
- Attachment F - Property Owner’s Address
- Attachment G - Title 7, Chapter 9, Section 7-9-7 Responses
- Attachment H - Notice of Neighborhood Meeting and Sign-in sheet
- Attachment I - Property Owner Affidavit
- Attachment J - Conceptual site plan
- Attachment K - Agency Comments & Signature

For any questions or clarifications please reach out to Cara Mahler at (208) 917-9108 or cara.mahler@clenera.com.

We look forward to working with Elmore County.

Sincerely,

Crimson Orchard Solar LLC
By: CRE-Crimson Orchard Idaho LLC, its Sole Member
By: Clenera DevCo, LLC, its Sole Member
By: Clenera Holdings, LLC, its Sole Member

Signed by:



DDEE2BB27EBD45D...
Dustin Thompson, VP of Development

Attachment A- CUP Application



ELMORE COUNTY LAND USE & BUILDING DEPARTMENT

520 E 2nd South – Mountain Home, ID 83647 – (208) 587-2142

www.elmorecounty.org

Conditional Use Permit Application

The Elmore County Land Use & Building Department **DOES NOT** accept faxed applications or signatures.

Application must be completed in **INK**. **Please use addition sheets of paper if necessary.** This application must be complete and all fees paid prior to acceptance by the Elmore County Land Use & Building Department. A public hearing will not be scheduled until the application is accepted.

The Conditional Use Permit Application must be in compliance with Title 7, Chapter 9 of the Elmore County Zoning and Development Ordinance.

Pre-application meetings are strongly encouraged for Conditional Use Permit Applications. Pre-application meetings are by appointment only. Do not hesitate to contact the Land Use & Building Department with any questions or concerns.

1. Name of applicant: Crimson Orchard Solar LLC

2. Address of applicant: c/o Clenera, LLC, 999 W. Main St., Suite 800, Boise, ID, 83701

3. Daytime telephone number of applicant: (208) 639-3232

4. Email Address: clenera.notices@clenera.com

5. Name, address, and daytime telephone number of developer: Clenera, LLC

999 W. Main St., Suite 800, Boise, ID, 83701, (208) 639-3232.

6. Address of subject property: _____

7. Name, address, and daytime telephone number of property owner (if different from applicant): _____

J.R. Simplot Company, c/o Ron Parks, Owner's Representative, 783 E. Red Rock Drive, Meridian, ID 83646, (208) 850-2367

8. Attach Legal Description and acreage of property **and** legal description and acreage of part that CUP is to encompass:

Attach at least one of the following:

Deed Proof of Option Earnest Money Agreement Lease Agreement Assessor's Parcel Master Inquiry RP# _____

9. Common directions of how to get to the proposed Conditional Use Permit property from a known beginning point: Traveling south on I-84 take exit 90 and turn right on Oregon Trail Highway and then turn right on NW Mashburn Road.

The project will be to the west of NW Mashburn south of I-84 and to the north of NW Mashburn Road north of I-84.

10. a. Current zoning: Agriculture b. Current district (if applicable): _____

11. a. Is the proposed location within an Area of Critical Concern (ACC) or Community Development Overlay (CDO)? Yes No If in a CDO, what CDO? _____
If in an ACC or CDO, technical studies, an environmental assessment, or an environmental impact statement may be required.

b. Is the proposed development within any city's impact area? Yes No

c. Is the proposed site within an Airport Hazard Zone or Air Port Sub Zone? Yes No
If yes, applicant shall provide approval from the Federal Aviation Administration and/or the Idaho Department of Aeronautics and Transportation.

d. Is any portion of the property located in a Floodway or 100-year Floodplain? Yes No
If yes submit map showing location of floodway and/or floodplain in relation to the property and/or proposal.

e. Does any portion of this parcel have slopes in excess of 10%? Yes No If yes, submit contour map.

f. The impacts of a proposed development and/or land use on adjacent land uses and transportation facilities must be considered. The applicable Highway District or Transportation Department may require a Traffic Impact Study (TIS) if the proposed development or land use has associated with its special circumstances deemed by the district or department to warrant a study. A notation and signature from the applicable district or department stating no study is required or a copy of this study must be submitted with this application.

g. The impacts of the CUP on existing public services and facilities (such as the fire department, emergency services, sheriff's department, schools, etc.) must be considered. A letter from the applicable agency governing the public service or facility stating how the developer will provide for said services with plans and/or drawings or that said services are not required may need to be submitted with the application.

h. Are there any known hazards on or near the property (such as canals, hazardous material spills, soil or water contamination, etc.)? Yes No If yes, describe and give location: _____

i. Are there hazardous materials and/or wastes involved either in your operation or generated off site and brought onto the property? Yes No

12. Does any other agency require a permit (DEQ, EPA, IDWR, FAA, state, federal, etc.)? Yes No If yes, who? IDEQ

Proof of having applied for or acquired other agency(ies) permit(s) submitted with CUP application.

13. ADJACENT PROPERTIES have the following uses:

North Ag East Utility Facilities/ Ag/Farming
South Ag/Farming West Ag/Farming

14. EXISTING USES and structures on the property are as follows: Ag/Farming

15. A written narrative stating the specific PROPOSED USE. Include as much detail as possible (use additional sheets of paper if necessary):
See Attachment E.

16. a. The conditional use is requested to begin within 7 days/ months after permit approval (permit expires if not used within 1 year of approval) and is for _____ years or perpetuity.

b. Construction or improvements associated with conditional use is expected to begin within: 7 days/ month/ years and be completed within 18 days/ months/ years.

17. Proposed Use(s): Solar generating facility, battery energy storage system _____ Hours of Operation: 24

Days of Operation: 7 Maximum Number of Patrons: 0-5 per day during operations

Sewage disposal: municipal/individual septic: N/A

Water: municipal supply/community well/individual well: N/A

Number of employees during largest shift: 5 Proposed number of parking spaces: 0 permanent

18. PRELIMINARY FLOOR PLANS: To a professional standard with sizes and types of interior spaces indicated, 15 copies 8½" x 11".

19. ENVIRONMENTAL IMPACT STATEMENT AND/OR ASSESSMENT: When a development or proposal is of a more complex nature, when it is required by the Zoning and Development Ordinance, and/or when the site is located within an Area of Critical Concern, and Environmental Impact Statement and/or Assessment may be required at the expense of the applicant. **(The Land Use & Building Director will determine if an EIS is required)**

EIS Required: Yes No **Director Initial** _____

Department Note: _____

20. **PROPERTY OWNER'S ADDRESS:** A list of property owner's/purchasers of record names and addresses within a minimum radius of 300' of property boundaries encompassed by proposed Conditional Use Permit. Said list shall be obtained from the tax records of the appropriate county.

**Radius extended to: 1 _____ feet mile(s) Date: 4/9/2024 Initial CM

21. Is this application submitted with any additional applications? No.

22. Title 7, Chapter 9, Section 7-9-7 states that the Elmore County Planning and Zoning Commission shall review all proposed conditional use applications and find adequate evidence that such use meets all of the following standards. The applicant must provide said evidence. Following are the standards the conditional use must meet (please use additional sheets of paper if necessary):

A. How does the proposed land use constitute a conditional use as determined by the land use matrix?

See Attachment G.

B. How will the proposed land use be in harmony and accordance with the Comprehensive Plan and the Ordinance?

See Attachment G.

C. How will the proposed land use comply applicable base zone and with the specific standards as set forth in the Ordinance?

See Attachment G.

D. How does the propose land use comply with all applicable County Ordinance?

See Attachment G.

E. How does the propose land use comply with all applicable State and Federal regulation?

See Attachment G.

F. What about the proposed land use's design, construction, operation and maintenance makes it harmonious and appropriate in appearance with the existing or intended character of the general vicinity and how will it not change the essential character of said area?

See Attachment G.

G. Why or how will the proposed land use not be hazardous or disturbing to existing or future neighboring uses?

See Attachment G.

H. How will the proposed land use be served adequately by available public facilities/services such as highways, streets, police and fire protection, drainage structures, refuse disposal, water, sewer or how will these public services be provided by the applicant/developer?

See Attachment G.

I. Why or how will the proposed land use not create excessive additional requirements at public cost for public facilities/services or be detrimental to the economic welfare of the county?

See Attachment G.

J. Why or how will the proposed land use not involve uses, activities, processes, materials, equipment, and/or conditions of operation that will be detrimental to any persons, property, or the general welfare because of excessive production of traffic, noise, smoke, fumes, glare or odors?

See Attachment G.

K. Why or how will the proposed land use not result in the destruction, loss or damage of a natural or scenic feature of major importance?

See Attachment G.

23. **ADDITIONAL INFORMATION:** Any additional information as required or needed by the Planning and Zoning Commission, Land Use & Building Department, or interested agency.

A neighborhood meeting must be conducted prior to submitting application. Requirements for a neighborhood meeting are outlined in the Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-3.

A master site plan is required with this application. Requirements for a master site plan are found in Title 10, Chapter 6 of the Elmore County Zoning and Development Ordinance.

See Conceptual Site Plan in attachment J. Master Site Plan will be submitted prior to Building Permit submittal.

Agency signature sheet on page 7 of this application.

Elmore County reserves the right to withhold processing and/or issuance of any County Conditional Use Permit until the County is satisfied that County approval may be the final action in any multi-agency approval process. Proof of having obtained or applied for necessary permits and/or approvals from applicable local (other than Elmore County) state, and/or federal agencies may be required prior to issuance of a Conditional Use Permit by Elmore County. If required, documentation shall be submitted with the Conditional Use Permit application.

The Planning and Zoning Commission shall hold at least one public hearing on an application for a Conditional Use Permit. A public hearing will be scheduled within sixty (60) days after acceptance of the application. The Land Use & Building Department will mail hearing notices to the surrounding property owners and to any agency that may have an interest in the proposal. The Land Use & Building Department will place a Notice of Public Hearing in the Mountain Home News at least fifteen (15) days prior to said hearing. The Land Use & Building Department will post notice of the hearing on the premises not less than seven (7) days prior to the hearing.

This application may be approved, conditionally approved, denied, or tabled.

If the application is approved or conditionally approved by the Planning and Zoning Commission, the applicant will be sent a document that is the official "Conditional Use Permit". This document may be in the form of a Findings of Fact, Conclusions of Law, and Order, and will enumerate the conditions attached to the approval and issuance of the permit and will state the consequences of failure to comply. The permit shall not become effective until after an elapsed period of fourteen (14) days from the date of the Planning and Zoning Commission Chairperson's signature on the Findings of Fact, Conclusions of Law, and Order. During this time, any interested person may appeal the action to the Board of Elmore County Commissioners. The applicant will be notified of any pending appeals. An appeal will stay all proceedings until its resolution.

If the Conditional Use Permit is denied by the Planning and Zoning Commission, the applicant may reapply or the applicant may appeal the decision in writing to the Board of Elmore County Commissioners. Appeal of a Planning and Zoning Commission decision must be made within fourteen (14) days after the date of the Planning and Zoning Commission Chairperson's signature on the Findings of Fact, Conclusions of Law, and Order,

The applicant hereby agrees to pay the fees established by the Board and agrees to pay any additional fees incurred (initial) DT. The applicant also verifies that the application is complete and all information contained herein is true and correct (initial) DT. The initial applicant understands there could be a delay in a decision should the applicant or their representative not attend any meeting where the application is being considered.

Crimson Orchard Solar LLC

By: CRE-Crimson Orchard Idaho LLC, its Sole Member

By: Clenera DevCo, LLC, its Sole Member

By: Clenera Holdings, LLC, its Sole Member

Signed by:

Dustin Thompson

8/8/2024

Property Owner Signature

Date

Applicant Signature

Date

ADMINISTRATIVE USE ONLY

Date of Acceptance: _____ **Accepted by** _____

CUP FEE: \$400.00 **Fee \$** _____ **(Pd) Receipt #** _____

Date Paid: _____ **Case# CUP-** _____

Agency signatures are used for the applicant to make initial contact with certain agencies to address issues prior to a public hearing and application submittal. Additional agencies not listed may have additional requirements. The agencies listed below may be required for future approvals or signatures depending on the type of conditional use. The signature does not constitute a final approval by the agency. The agency signatures below do not guarantee approval from the Elmore County Land Use & Building Director, Elmore County Planning and Zoning Commission or Elmore County Board of Commissioners. The agencies listed below will be notified of the public hearing. Elmore County Land Use & Building Staff will inform the applicant of the desired agency signatures prior to application submittal.

Agency Comments & Signatures

Notes for agency signatures.

1. It is recommended that applicants set up appointments with the following agencies once the application is complete with all required information.
2. Agency signature does not guarantee any future approvals.
3. Agencies may attach additional sheets of paper for comment and/or conditions if necessary.
4. Agencies may have additional comments and/or conditions at a later time.

• Central District Health (or other Sewer District) Sewer Permit (208-580-6003) Date

Comment: _____

• Roadway Jurisdiction (MHHD 208-587-3211) (GFHD 208-366-7744) (AHD 208-864-2115) Date

Comment: **Presenting to the MHHD Board on 8/7.**

• Fire District Date

• (MHRFD 208-587-2117) (Oasis 208-796-2115) (GFFD 208-599-0000) (BGRFD 208-834-2511) (AFD 208-864-2182)

Comments: **See Attachment K**

Attachment B- Legal Description

EXHIBIT A

Description of Property

Township 3 South, Range 6 East, Boise Meridian, Elmore County, Idaho

Section 3: S1/2 NW1/4, SW1/4

Section 9: N1/2 and N1/2SW1/4 North of I-84

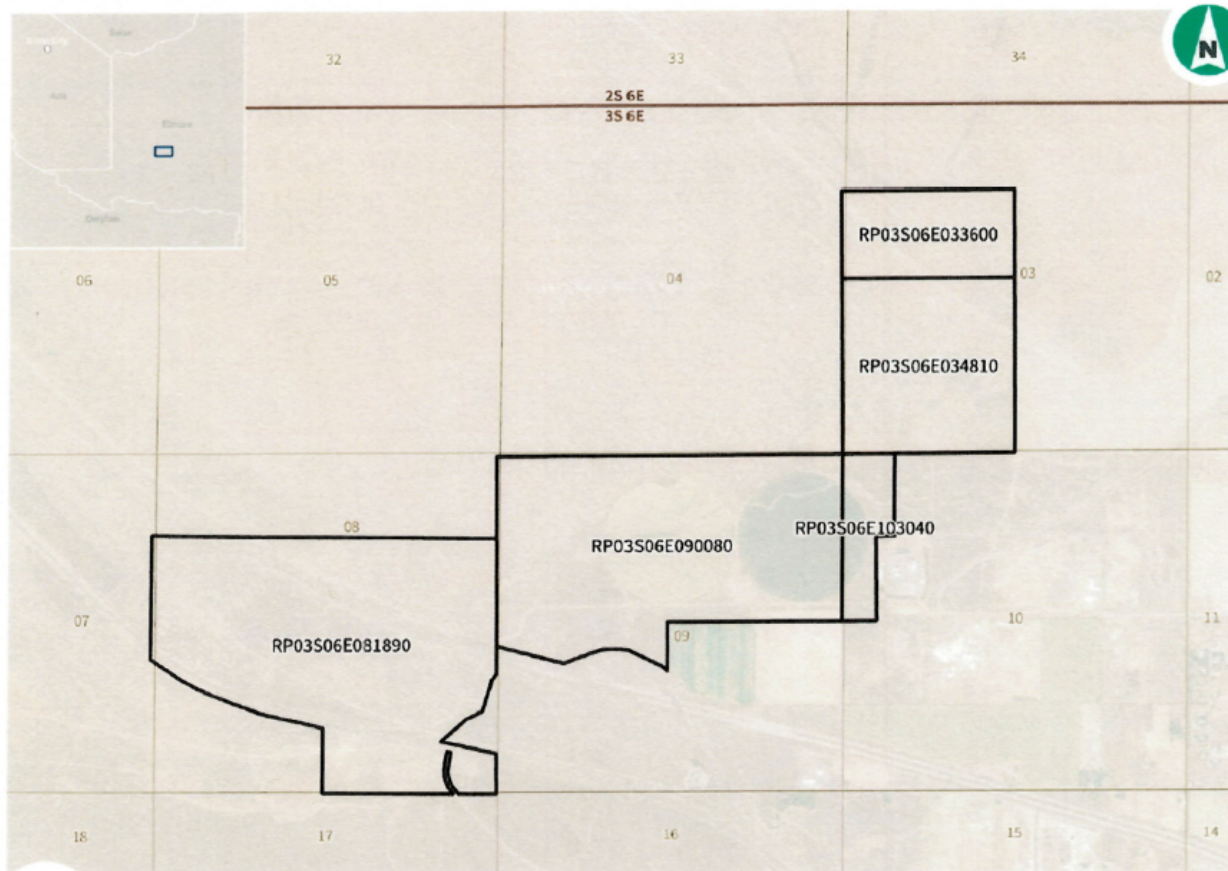
Section 8: S1/2N1/2, NE1/4 SW1/4, SE1/4 and that portion of NW1/4SW1/4 lying North of the Oregon Short Line Railroad Company Right of Way

SAVE AND EXCEPT Highway Right of Way

Section 10: W1/2 NW1/4, excepting therefrom that portion described as follows:

A tract of land in the NW1/4 of Section 10, Township 3 South, Range 6 East, B.M., Elmore County, Idaho, more particularly described as follows: Beginning at a point identified as the SE corner of the SW1/4NW1/4 (CW1/16) of said Section 10, thence South 89 degrees 46'59" West, a distance of 800 feet; thence North 00 degrees 13'12" West, a distance of 1,317.75 feet; thence North 89 degrees 53'37" East, a distance of 276.00 feet; thence North 00 degrees 13'12" West, a distance of 1,317.49 feet; thence North 89 degrees 59'09" East, a distance of 524.00 feet; thence South 00 degrees 13'12" East, a distance of 2,632.86 feet to the point of beginning.

[depiction on following page]



 Property

Attachment C- Proof of Site Control

Instrument # 0000504204
ELMORE COUNTY, ID
12:27:46 PM **Mar 07, 2023**
For STEWART TITLE GUARANTY COM
No. of Pages: 5 Fee: \$22.00
SHELLEY ESSL, Recorder
JK, Deputy
Electronically Recorded by Simplifile

RECORDING REQUESTED BY AND
WHEN RECORDED PLEASE MAIL TO:
Crimson Orchard Solar LLC
c/o Clenera, LLC
Attn: Admin. Dept.
P.O. Box 2576
Boise, ID 83701

APN: RP03S06E090080; RP03S06E103040; (Space above this line for Recorder's use only)
RP03S06E034810; RP03S06E033600

MEMORANDUM OF LAND LEASE AGREEMENT

THIS MEMORANDUM OF LAND LEASE AGREEMENT (“Memorandum”) is made and entered into as of the last date written below in the signature blocks, by and between J.R. Simplot Company, a Nevada corporation (whether one or more, “Landlord”), and Crimson Orchard Solar LLC, a Delaware limited liability company (“Tenant”).

WHEREAS, Landlord and Tenant have entered into a Land Lease Agreement dated January 5, 2023 (“Lease Agreement”), under which Landlord has granted to Tenant the exclusive option to lease, for the term specified in **Section 1** below, that certain real property, easements and other property that is described particularly on the attached **Exhibit “A”** (“Premises”); and

WHEREAS, Landlord and Tenant (collectively, “Parties”) enter into this Memorandum to set forth certain terms and conditions of the Lease Agreement and to provide constructive notice of the Lease Agreement.

NOW, THEREFORE, in consideration of the foregoing, the Parties hereby agree as follows:

1. The Due Diligence Period shall commence on the Effective Date and continue until the earlier of: (1) Tenant’s delivery of a Termination Notice; (2) Tenant’s delivery of an Approval Notice; or (3) Thirty-Six (36) months after the first day of the first full month after the Effective Date.

2. The initial operation term of the Lease Agreement shall commence the earlier of (i) the date which is the first full day of the first full month following the date the solar power generating facility constructed on the Premises commences commercial operations,

or (ii) the date which is six (6) years following the Effective Date, and shall end on the date that is Twenty (20) years after the Commercial Operations Date. Tenant shall have the right to renew or extend the Lease Agreement for four (4) consecutive periods of five (5) years each.

3. Landlord covenants that it will not (i) use or lease the Property or the Premises for the purpose of conducting a business that is engaged in the solar power generation business or a use similar to the Intended Use, (ii) permit any tenant to use or lease the Property or the Premises for the purpose of conducting a business that is engaged in the solar power generation business or a use similar to the Intended Use, or (iii) permit any occupant or subtenant or assignee of a tenant or occupant to use the Property or the Premises for the purpose of conducting a business that is engaged in the solar power generation business or a use similar to the Intended Use.

4. All of the provisions set forth in the Lease Agreement are incorporated in this Memorandum by reference.

5. The Lease Agreement and this Memorandum shall be binding upon and inure to the benefit of the parties and their respective heirs, executors, administrators, successors and assigns and shall be construed as covenants running with the land.

6. In the event of any conflict between this Memorandum and the Lease Agreement, the Lease Agreement shall control.


7. This Memorandum may be executed in counterparts, each of which will be deemed to be an original, but all of which, taken together, constitute one and the same agreement.

[Signature Pages Follow]

IN WITNESS WHEREOF, Landlord and Tenant have caused this Memorandum to be duly signed as of the last date written below in the signature blocks.

LANDLORD:

J. R. SIMPLOT COMPANY

By: 

Name: James B. Alderman

Title: Senior VP and Secretary

Date: 2-2-2023

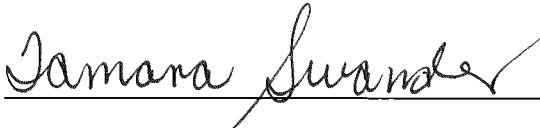
ACKNOWLEDGMENT

STATE OF IDAHO)
)SS.
COUNTY OF ADA)

On February 2, 2023 before me, the undersigned Notary Public, personally appeared James B. Alderman, Senior VP and Secretary of J.R. Simplot Company, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Idaho that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature 

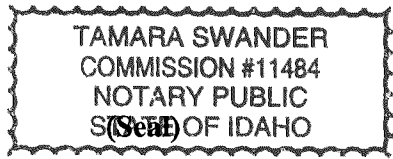


EXHIBIT "A"
to Memorandum of Lease Agreement

Description of the Premises

Township 3 South, Range 6 East, Boise Meridian, Elmore County, Idaho

Section 3: S1/2 NW1/4, SW1/4

Section 9: N1/2 and N1/2SW1/4 North of I-84

Section 10: W1/2 NW1/4, excepting therefrom that portion described as follows:

A tract of land in the NW1/4 of Section 10, Township 3 South, Range 6 East, B.M., Elmore County, Idaho, more particularly described as follows: Beginning at a point identified as the SE corner of the SW1/4NW1/4 (CW1/16) of said Section 10, thence South 89 degrees 46'59" West, a distance of 800 feet; thence North 00 degrees 13'12" West, a distance of 1,317.75 feet; thence North 89 degrees 53'37" East, a distance of 276.00 feet; thence North 00 degrees 13'12" West, a distance of 1,317.49 feet; thence North 89 degrees 59'09" East, a distance of 524.00 feet; thence South 00 degrees 13'12" East, a distance of 2,632.86 feet to the point of beginning.

RECORDING REQUESTED BY AND
WHEN RECORDED PLEASE MAIL TO:
Crimson Orchard Solar LLC
c/o Clenera, LLC
Attn: Admin. Dept.
P.O. Box 2576
Boise, ID 83701

APN: RP03S06E090080; RP03S06E103040;
RP03S06E034810; RP03S06E033600; RP03S06E081890

(Space above this line for Recorder's use only)

FIRST AMENDMENT TO MEMORANDUM OF LAND LEASE AGREEMENT

THIS FIRST AMENDMENT TO MEMORANDUM OF LAND LEASE AGREEMENT ("**Amendment**") is made and entered into as of the last date written below in the signature blocks, by and between **J.R. Simplot Company**, a Nevada corporation (whether one or more, "**Landlord**"), and **Crimson Orchard Solar LLC**, a Delaware limited liability company ("**Tenant**").

WHEREAS, Landlord and Tenant are parties to that certain Land Lease Agreement dated effective as of January 5, 2023, as amended by that certain First Amendment to Land Lease Agreement dated effective as of July 2, 2024 (collectively, the "**Lease Agreement**"), as evidenced by that certain Memorandum of Land Lease Agreement recorded in the official records of Elmore County, Idaho on March 7, 2023 as Instrument No. 0000504204 (the "**Memorandum**"); and

WHEREAS, Landlord and Tenant (collectively, "**Parties**") now desire to amend certain provisions of the Memorandum.

NOW, THEREFORE, in consideration of the foregoing, the Parties hereby agree as follows:

1. Capitalized terms used but not otherwise defined herein shall have the same meanings as set forth in the Lease Agreement.
2. Notwithstanding anything contained in the Memorandum to the contrary, **Exhibit "A"** to the Memorandum is hereby deleted in the entirety and replaced with **Exhibit "A"** attached hereto and incorporated by this reference.

3. This Amendment shall be binding upon and inure to the benefit of the Parties and their respective heirs, executors, administrators, successors and assigns, and shall be construed as covenants running with the land.

4. Except as hereby expressly amended by this Amendment, all the terms and conditions of the Memorandum shall remain unchanged and continue in full force and effect. Should there be any inconsistency between the terms of this Amendment and the Lease Agreement, the terms of the Lease Agreement shall prevail.

5. This Amendment may be executed in counterparts, each of which will be deemed to be an original, but all of which, taken together, constitute one and the same agreement.

[Signature Pages Follow]

IN WITNESS WHEREOF, Landlord and Tenant have caused this Amendment to be duly signed as of the last date written below in the signature blocks.

LANDLORD:

J. R. SIMPLOT COMPANY

By: 

Name: James B. Alderman

Title: Senior VP and Secretary

Date: 7-17-24

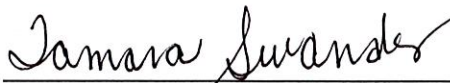
ACKNOWLEDGMENT

STATE OF IDAHO)
)SS.
COUNTY OF ADA)

On July 17, 2024 before me, the undersigned Notary Public, personally appeared James B. Alderman, Senior VP and Secretary of J.R. Simplot Company, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Idaho that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature 

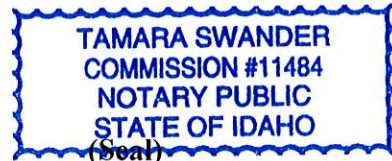


EXHIBIT "A"

(Property Description)

Township 3 South, Range 6 East, Boise Meridian, Elmore County, Idaho

Section 3: S1/2 NW1/4, SW1/4

Section 9: N1/2 and N1/2SW1/4 North of I-84

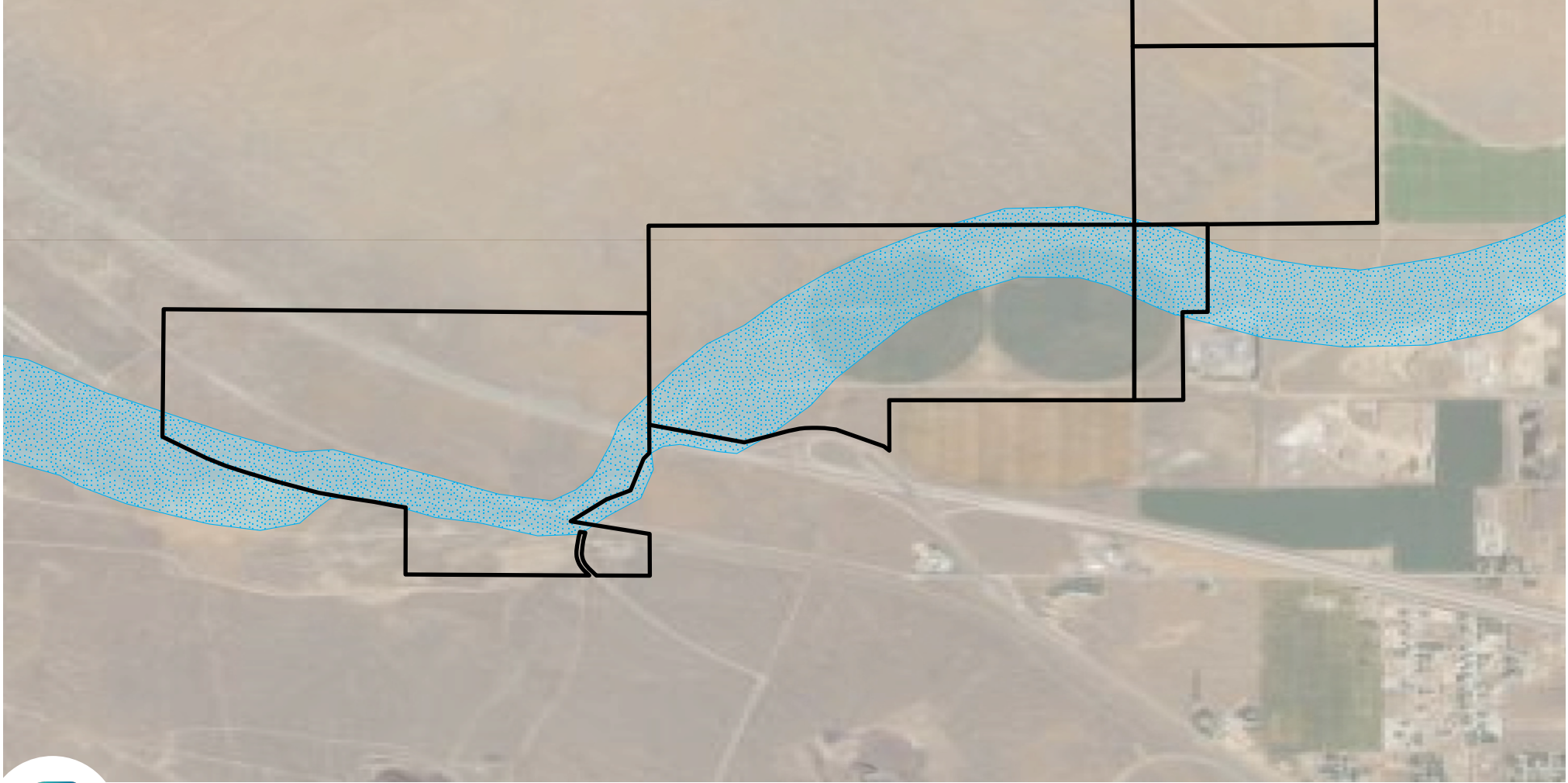
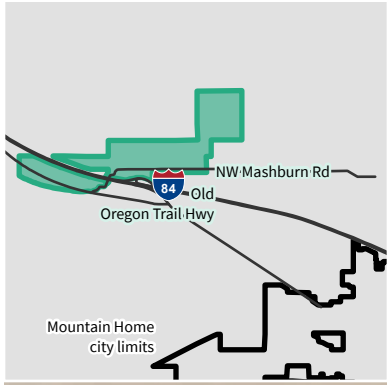
Section 8: S1/2N1/2, NE1/4 SW1/4, SE1/4 and that portion of NW1/4SW1/4 lying North of the Oregon Short Line Railroad Company Right of Way

SAVE AND EXCEPT Highway Right of Way

Section 10: W1/2 NW1/4, excepting therefrom that portion described as follows:

A tract of land in the NW1/4 of Section 10, Township 3 South, Range 6 East, B.M., Elmore County, Idaho, more particularly described as follows: Beginning at a point identified as the SE corner of the SW1/4NW1/4 (CW1/16) of said Section 10, thence South 89 degrees 46'59" West, a distance of 800 feet; thence North 00 degrees 13'12" West, a distance of 1,317.75 feet; thence North 89 degrees 53'37" East, a distance of 276.00 feet; thence North 00 degrees 13'12" West, a distance of 1,317.49 feet; thence North 89 degrees 59'09" East, a distance of 524.00 feet; thence South 00 degrees 13'12" East, a distance of 2,632.86 feet to the point of beginning.

Attachment D- Floodplain Map



Attachment E- Project Narrative

Project Narrative

Crimson Orchard Solar LLC (“Crimson Orchard”) is respectfully requesting a Conditional Use Permit from Elmore County to allow for the construction and operation of the proposed 100MWac utility-scale solar generation facility (“Generation Facility”) and the 100MW Battery Energy Storage System (“BESS”), hereafter known as the (“Project”). The Project will be constructed in two phases, one for the Generation Facility and one for BESS. .

The Project will include the following primary facilities which are outlined in further detail below:

- Solar Energy Generation Facility
- Battery Energy Storage System
- On-site Project Substation

Solar Energy Generation Facility

Photovoltaic Modules and Arrays

Solar energy is converted from photon energy to direct current (DC) electrical energy via the semiconductor material in the Photovoltaic (PV) cells. PV modules are designed to absorb sun and the glass contains an antireflective coating. PV modules are arranged in row, typically oriented East to West. Groups of PV module rows, along with associated tracker and electrical equipment, comprise the project arrays. The PV module arrays will not exceed 20 feet in height and are generally arranged in a linear pattern, as allowed by topography and environmental constraints.

Solar Tracking and Mounting

The PV modules are inserted into prefabricated frames, which are mounted on rows of metal racking systems that are supported from the ground by steel posts that are approximately 6 feet high and driven into the ground by hydraulic vibrating equipment. The steel posts are typically 8 inches wide and are set on a regular grid pattern, approximately every 20 feet.

The projects will use a single-axis tracking system, which will automatically maintain the optimum angle of the modules to collect energy from the sun, by changing the orientation of the arrays throughout the day to follow the sun’s path to maximize energy production. The tracking system will be driven by motors and will be directed by an actuator to track to the location of the Sun.

Electric Collection System

The PV modules are connected in a combination of series and parallel connections. The DC power output from the PV modules is transmitted through a DC collection system of cables and combiner boxes. The DC cables run either above ground in a cable management system or in an underground trench to reach the Power Conversion System (PCS) and Medium Voltage Skid (MVS). The PCS functions as the conversion point between DC and AC power and the MVS consists of a medium voltage transformer, an AC panel, and an auxiliary power system for communication and solar tracking equipment. The PCS may be located on the MVS or installed independently on a separate foundation.

The PCS AC power output is connected to medium voltage transformers that steps up the voltage output, typically to 34.5kV, for the transmission of the energy to the onsite Project Substation. The output from each of these transformers is connected to the collector cables that make up the Medium Voltage Collection System (“MVCS”) which may be buried in an underground trench or installed overhead. The trenches or overhead lines typically include fiber optic control cables for the Supervisory Control and Data Acquisition (“SCADA”) which allow system operators to monitor, control and safely operate the Generation Facility.

Fencing

The Generation Facility will be secured from the public by perimeter fencing and gates as required by the National Electric and National Safety codes for electrical installations. The perimeter fence is a chain link fence approximately 6-foot-tall that is topped with an approximately 1-foot-tall three-strand barbed wire component.

Monitoring and Maintenance Facilities

No permanent on-site Monitoring and Maintenance (“M&M”) facilities will be constructed. The M&M facilities will be an area designed on-site for temporary facilities and parts storage. Facilities are typically prefabricated office trailers, metal enclosures (conexes), or shed buildings. The monitoring facility office trailer will be environmentally conditioned for the SCADA and computer components however it will not be an occupied structure. The maintenance facility building is not environmentally controlled and is simply a metal cabinet or other structure for spare PV modules, cleaning equipment, and other supplies. A portable toilet will be maintained outside the facility.

Access Roads

New Project roads located within the Project boundaries will be built to support construction and operation activities. These roads include perimeter roads, internal PVM array roads, BESS circuit roads, and roads to access Project Substation and BESS. The roads will be

compacted native material or gravel laid over landscape cloth with varying widths. Roads within the arrays are typically two-track, unimproved dirt roads.

Battery Energy Storage System

BESS Containers

The BESS will consist of lithium-ion batteries that are enclosed in containers in order to protect the battery from environmental factors like moisture and dust. The containers are supported by piles placed in the ground or concrete foundations and are connected to a MVS, similar to that of the PV. The PCS can be located either on the MVS or inside of the BESS container.

BESS containers arranged around and connected to a single MVS are called a block. Multiple BESS blocks are looped into a single MVCS cable and are called a circuit.

Electric Collection System

The BESS container transmits power as AC if the PCS is located inside of the container or DC if the PCS is located on the MVS. Cables are run either above ground in a cable management system or in an underground trench to between the BESS container and the MVS.

The MVS for the BESS is very similar to the PV facility MVS. There is typically an auxiliary power supply on the MVS that is used for networking equipment and protection systems. The BESS container auxiliary power can be supplied internally or externally with a dedicated power supply from the project substation or MVS.

BESS Pad

The base of the BESS area will be 4-8 inches of gravel with perimeter access roads and internal service roads. Setbacks from the BESS containers to the fence line on the BESS pad will meet or exceed 20ft.

Fencing

The BESS facility will be secured from the public by perimeter fencing and gates as required by the National Electric and National Safety codes for electrical installations. The standard perimeter fence is a chain link fence approximately 6-foot-tall that is topped with an approximately 1-foot-tall three-strand barbed wire component. The BESS fence will comply with the 7-2-125 zoning ordinance and National Fire Protection Association standards.

Onsite Project Substation

The Project Substation will be secured from the public by perimeter fencing and gates area as required by the National Electric and National Safety codes for electrical installations and

may consist of a power transformer, breakers, switchgear, electrical busbars, control enclosure, microwave communication tower, and other protective equipment. The main power transformer will increase the voltage output from the MCVS level of 34.5kV to 230kV which is the voltage at the existing 230kV Danskin Substation which is operated and owned by Idaho Power.

Attachment F- Property Owner's Address

PARCEL #	OWNER	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP	PROPERTY ADDRESS
RP02S06E330010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP02S06E340010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP02S06E347800	STATE OF IDAHO	P O BOX 83720		BOISE	ID	83720	
RP02S06E350010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E154200	NICHELSON, GERALD L & CHARLES	1833 NW FRONTAGE ROAD		MTN HOME	ID	83647	
RP03S06E151040	STATE OF IDAHO	P O BOX 8028		BOISE	ID	83707	
RP03S06E150020	COLE, HERBERT RALPH	805 NW BEAMAN		MTN HOME	ID	83647	805 NW BEAMAN
RP03S06E150030	COLE, HERBERT RALPH	805 NW BEAMAN		MTN HOME	ID	83647	
RP001090020050	RICH, JIM F	5156 NW TENNANT AVE		MTN HOME	ID	83647	5156 NW TENNANT AVE
RP001090020060	WARNER, JESSICA M	5224 NW TENNANT AVE		MTN HOME	ID	83647	5224 NW TENNANT AVE
RP001090020080	PERKINS, EZEKIEL D	5364 NW TENNANT AVE		MTN HOME	ID	83647	5364 NW TENNANT AVE
RP001090020070	STENGEL, FREDRICK P C III	5330 NW TENNANT AVE		MTN HOME	ID	83647	5330 NW TENNANT AVE
RP001090020100	SALTY CUCUMBER NW TENNANT	9169 W STATE ST STE 1449		GARDEN CITY	ID	83714	5458 NW TENNANT AVE
RP001090020090	NESBITT, JANET LEE HAMERLY	5404 NW TENNANT AVE		MTN HOME	ID	83647	5404 NW TENNANT AVE
RP03S06E155200	STATE OF IDAHO	P O BOX 8028		BOISE	ID	83707	
RP03S06E200010	STATE OF IDAHO	P O BOX 83720		BOISE	ID	83720	
RP03S06E210010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E088000	MTN HOME HIGHWAY DISTRICT	P O BOX 756		MTN HOME	ID	83647	
RP03S06E081890	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E097100	STATE OF IDAHO	P O BOX 83720		BOISE	ID	83720	
RP03S06E167840	STATE OF IDAHO	P O BOX 83720		BOISE	ID	83720	
RP03S06E095410	MOODY MOORE LTD PARTNERSHIP	P O BOX 978		GAINESVILLE	GA	30503	
RP03S06E109690	LOLL-ORTON, LINDA LOU	5057 NW STANDISH AVE		MTN HOME	ID	83647	5057 NW STANDISH AVE
RP03S06E107210	LOLL, PAUL WILLIAM SR	5111 NW STANDISH AVE		MTN HOME	ID	83647	5111 NW STANDISH AVE
RP03S06E107240	PHEIFER, GARY	5003 NW STANDISH AVE		MTN HOME	ID	83647	
RP03S06E063010	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E066110	J R SIMPLOT COMPANY	ATTN: CORPORATE SECRETARY	P O BOX 27	BOISE	ID	83707	
RP03S06E103050	IDAHO POWER COMPANY	PROPERTY TAX DEPT	P O BOX 70	BOISE	ID	83707	1862 NW MASHBURN RD
RP03S06E101210	MTN HOME HIGHWAY DISTRICT	P O BOX 756		MTN HOME	ID	83647	1208 NW MASHBURN RD
RP03S06E112410	IRELAND, CALVIN	153 NE AKE DR		MTN HOME	ID	83647	
RP03S06E070210	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E154010	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E155400	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E169800	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	2380 NW GRANARY RD
RP03S06E153640	DEMEYER, LINDA A	P O BOX 1240		MTN HOME	ID	83647	4130 NW SUMMER RAIN DR
RP03S06E153650	BOUCK, THERESA L	3250 SUNSET STRIP		MTN HOME	ID	83647	3250 SUNSET STRIP
RP03S06E153010	JORDAN, CHARLES E	1151 EVENING STROLL LANE		JACKSONVILLE	FL	32221	
RP03S06E160050	OCF II HOLDINGS LLC	2208 E SUMMERSWEET	STE 170215	BOISE	ID	83716	
RP03S06E153810	OCF II HOLDINGS LLC	2208 E SUMMERSWEET	STE 170215	BOISE	ID	83716	
RP03S06E160300	STATE OF IDAHO	P O BOX 8028		BOISE	ID	83707	
RP03S06E160110	OCF II HOLDINGS LLC	2208 E SUMMERSWEET	STE 170215	BOISE	ID	83716	3850 SUNSET STRIP
RP03S06E150370	WELCH-WHITAKER, CANDY J	1055 NW FRONTAGE ROAD		MTN HOME	ID	83647	1055 NW FRONTAGE RD
RP03S06E160215	FAR WEST	1240 NW BEAMAN		MTN HOME	ID	83647	
RP03S06E096710	PORTER HOGAN CHARITABLE	ATTN: JENNIFER MEEKS	3048 CHATTAHOOCHEE TRACE	GAINESVILLE	GA	30506	
RP03S06E096610	N & G INC	4000 NE HAWKS DR		MTN HOME	ID	83647	
RP03S06E090450	STATE OF IDAHO	P O BOX 8028		BOISE	ID	83707	2586 NW FRONTAGE RD
RP03S06E106310	HARTWELL, LEHI SAMUEL	2384 NW FRONTAGE ROAD		MTN HOME	ID	83647	2384 NW FRONTAGE RD
RP03S06E153020	SZAFRANSKI, PAULA G	2177 NW FRONTAGE ROAD		MTN HOME	ID	83647	2177 NW FRONTAGE RD
RP03S06E153410	JORDAN, CHARLES E	1151 EVENING STROLL LANE		JACKSONVILLE	FL	32221	
RP03S06E153210	OCF II HOLDINGS LLC	2208 E SUMMERSWEET	STE 170215	BOISE	ID	83716	W 34TH N
RP03S06E160010	OCF II HOLDINGS LLC	2208 E SUMMERSWEET	STE 170215	BOISE	ID	83716	2385 NW FRONTAGE RD
RP03S06E098500	WARILA, NICHOLAS W	3872 DITTO CREEK ROAD		MTN HOME	ID	83647	3872 DITTO CRK RD
RP03S06E109410	WHIPPLE, PHYLLIS M	1106 NW BEAMAN		MTN HOME	ID	83647	1106 NW BEAMAN
RP03S06E109450	WHIPPLE, PHYLLIS M	1106 NW BEAMAN		MTN HOME	ID	83647	
RP03S06E109610	WITHERS, DEAN	998 NW BEAMAN		MTN HOME	ID	83647	998 NW BEAMAN
RP03S06E109660	WITHERS, DEAN	998 NW BEAMAN		MTN HOME	ID	83647	
RP03S06E107250	PFEIFER, GARY G	5003 NW STANDISH AVE		MTN HOME	ID	83647	5003 NW STANDISH AVE

RP03S06E114010	IDAHO POWER COMPANY	PROPERTY TAX DEPT	P O BOX 70	BOISE	ID	83707	
RP03S06E109430	WHIPPLE, PHYLLIS M	1106 NW BEAMAN		MTN HOME	ID	83647	1070 NW BEAMAN
RP03S06E101310	MTN HOME HIGHWAY DISTRICT	P O BOX 756		MTN HOME	ID	83647	
RP03S06E114510	MTN HOME IRRIGATION DISTRICT	140 S 3RD E		MTN HOME	ID	83647	5015 CANYON CRK RD
RP03S06E172410	SIMPLOT CO, J R	ATTN: CORPORATE SECRETARY	P O BOX 27	BOISE	ID	83707	
RP03S06E085610	J R SIMPLOT COMPANY	ATTN: CORPORATE SECRETARY	P O BOX 27	BOISE	ID	83707	
RP03S06E033600	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E031810	IRELAND, CALVIN	153 NE AKE DR		MTN HOME	ID	83647	
RP03S06E114860	BIDEGANETA, JOHN C	4749 CANYON CREEK ROAD		MTN HOME	ID	83647	4749 CANYON CRK RD
RP03S06E160715	N & G INC	4000 NE HAWKS DR		MTN HOME	ID	83647	
RP03S06E089010	MOODY MOORE LTD PARTNERSHIP	P O BOX 978		GAINESVILLE	GA	30503	
RP03S06E034810	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E077810	J R SIMPLOT COMPANY	ATTN: CORPORATE SECRETARY	P O BOX 27	BOISE	ID	83707	
RP03S06E114520	MTN HOME HIGHWAY DISTRICT	P O BOX 756		MTN HOME	ID	83647	
RP03S06E152440	NICHELSON, CHARLES B	1833 NW FRONTAGE ROAD		MTN HOME	ID	83647	1833 NW FRONTAGE RD
RP00109001006E	MATTOX, JESSE DANIEL	5223 NW TENNANT AVE		MTN HOME	ID	83647	5223 NW TENNANT AVE
RP001090010050	WHITE, CLAIR C	5181 NW TENNANT AVE		MTN HOME	ID	83647	5181 NW TENNANT AVE
RP00109001006C	CLARK, JENNIFER LYN	5251 NW TENNANT AVE		MTN HOME	ID	83647	5251 NW TENNANT AVE
RP001090010070	MCCULLEY, LUCAS JOHN	5359 NW TENNANT AVE		MTN HOME	ID	83647	5359 NW TENNANT AVE
RP001090010080	BERRIOCHOA, MARY ANN	5369 NW TENNANT AVE		MTN HOME	ID	83647	5369 NW TENNANT AVE
RP001090010090	PRICE, CORY	5439 NW TENNANT AVE		MTN HOME	ID	83647	5439 NW TENNANT AVE
RP001090010100	JAMIESON, CLIFFORD	5491 NW TENNANT AVE		MTN HOME	ID	83647	5491 NW TENNANT AVE
RP001090010110	RUSSELL, ALLEN T	5515 NW TENNANT AVE		MTN HOME	ID	83647	5515 NW TENNANT AVE
RP001090010120	ZUNDEL, KYLE T	5573 NW TENNANT AVE		MTN HOME	ID	83647	5573 NW TENNANT AVE
RP00109001002A	CARRICO, GREG L	214 GROVE PLACE		CIBOLO	TX	78108	4965 NW TENNANT AVE
RP001090010040	SCOTT, TIMOTHY E	1655 E SAHARA AVE	APT # 1121	LAS VEGAS	NV	89104	5117 NW TENNANT AVE
RP03S06E170010	STATE OF IDAHO	P O BOX 83720		BOISE	ID	83720	
RP03S06E070600	STATE OF IDAHO	P O BOX 83720		BOISE	ID	83720	
RP03S06E080010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E040010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E030010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E022400	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E060010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E050010	U S A	IDAHO STATE OFFICE	1387 SOUTH VINNELL WAY	BOISE	ID	83709	
RP03S06E180010	STATE OF IDAHO	P O BOX 83720		BOISE	ID	83720	
RP03S06E150040	COTTON, RAYMOND E	1243 NW BEAMAN		MTN HOME	ID	83647	1243 NW BEAMAN
RP03S06E150210	VARADY, CAROLA	1267 NW BEAMAN		MTN HOME	ID	83647	
RP03S06E150620	GREENE, INGE H LE	1289 NW BEAMAN		MTN HOME	ID	83647	1289 NW BEAMAN
RP03S06E150610	VARADY, CAROLA	1267 NW BEAMAN		MTN HOME	ID	83647	1267 NW BEAMAN
RP03S06E152465	NICHELSON, CHARLES	1833 NW FRONTAGE ROAD		MTN HOME	ID	83647	1667 NW FRONTAGE RD
RP03S06E152460	NICHELSON FAMILY LLC	C/O CHARLES B NICHELSON	1833 NW FRONTAGE ROAD	MTN HOME	ID	83647	1667 NW FRONTAGE RD
RP03S06E108880	STOECKER, RAE ANN	1290 NW BEAMAN		MTN HOME	ID	83647	1290 NW BEAMAN
RP03S06E108910	HIDDLESTON, EVAN	1158 NW BEAMAN		MTN HOME	ID	83647	1158 NW BEAMAN
RP001090020120	HAMILTON, ROBIN J	5556 NW TENNANT AVE		MTN HOME	ID	83647	5556 NW TENNANT AVE
RP001090020110	CRISMAN, BRUCE L	220 NW CARRIE CIRCLE		MTN HOME	ID	83647	5460 NW TENNANT AVE
RP03S06E114850	AKERS, PATRICK PAUL	511 NW MASHBURN ROAD		MTN HOME	ID	83647	511 NW MASHBURN RD
RP03S06E114870	CANTRELL, TODD	4711 CANYON CREEK ROAD		MTN HOME	ID	83647	
RP03S06E021820	IRELAND, CALVIN & JOYCE	153 NE AKE DR		MTN HOME	ID	83647	153 NE AKE DR
RP03S06E150325	LUSARDI, JAMES D	4486 NW EAGLEY LANE		MTN HOME	ID	83647	4486 NW EAGLEY LN
RP03S06E152065	LUPERCIO, MIGUEL A SR	4320 NW EAGLEY LANE		MTN HOME	ID	83647	4320 NW EAGLEY LN
RP03S06E106610	STICKNOTH 160 LLC	1171 MAYFIELD ROAD		BOISE	ID	83710	
RP03S06E097300	STICKNOTH 160 LLC	1171 MAYFIELD ROAD		BOISE	ID	83710	
RP03S06E105400	SIMPLOT CO, J R	C/O RON GRAVES	P O BOX 27	BOISE	ID	83707	
RP03S06E104815	STAKER & PARSON COMPANIES	2350 S 1900 W	STE #100	OGDEN	UT	84401	
RP03S06E090080	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E103040	J R SIMPLOT COMPANY	P O BOX 27		BOISE	ID	83707	
RP03S06E108810	FACKRELL, MARK	1717 SUNSET LANE		TALLAHASSEE	FL	32303	1545 NW BEAMAN
RP03S06E108920	HIDDLESTON & SON INC	1240 NW BEAMAN		MTN HOME	ID	83647	1240 NW BEAMAN

RP03S06E108890	HIDDLESTON & SON INC	1240 NW BEAMAN		MTN HOME	ID	83647	
RP03S06E101700	MTN HOME HIGHWAY DISTRICT	P O BOX 756		MTN HOME	ID	83647	
RP03S06E100810	MTN HOME HIGHWAY DISTRICT	P O BOX 756		MTN HOME	ID	83647	
RP03S06E109420	WHIPPLE, PHYLLIS M	1106 NW BEAMAN		MTN HOME	ID	83647	
RP03S06E100010	STATE OF IDAHO	P O BOX 8028		BOISE	ID	83707	
RP03S06E031225	IRELAND RANCH LLC	196 NE AKE DR		MTN HOME	ID	83647	
RP003260010010	BLUE SAGE HOMEOWNERS	P O BOX 624		MTN HOME	ID	83647	
RP003260010020	OVERMAN, LYNNETTE YVONNE	4600 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4600 NW PURPLE SAGE CIR
RP003260010030	LAKEMAN, ALLAN	4590 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4590 NW PURPLE SAGE CIR
RP003260010040	VITELA, ORALIA MORA	4580 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4580 NW PURPLE SAGE CIR
RP003260010050	CASTRO, VICTOR M	4570 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4570 NW PURPLE SAGE CIR
RP003260010060	SORIA, JOSEPH	4560 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4560 NW PURPLE SAGE CIR
RP003260010070	INTERMOUNTAIN DEVELOPMENT CORP	P O BOX 624		MTN HOME	ID	83647	
RP003260010080	THOMPSON, TED E	4540 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4540 NW PURPLE SAGE CIR
RP003260020100	PERRYMAN, EMILY ROSE	4525 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4525 NW PURPLE SAGE CIR
RP003260020090	BUDELL, DEREK P	4535 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4535 NW PURPLE SAGE CIR
RP003260020080	BLAKEMORE, SCOTT D	4545 NW PURPLE SAGE CIR		MTN HOME	ID	83647	4545 NW PURPLE SAGE CIR
RP003260020070	RITCHIE, DANNY	4555 NW PURPLE SAGE CIR		MTN HOME	ID	83647	4555 NW PURPLE SAGE CIR
RP003260020060	JENSEN, JOHN	4565 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4565 NW PURPLE SAGE CIR
RP003260020050	KLOEPFER FAMILY 2020 REVOCABLE	4575 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4575 NW PURPLE SAGE CIR
RP003260020040	LIPSETT FAMILY LIVING	10421 W ARNOLD ROAD		BOISE	ID	83714	
RP003260020030	BELL, JULIA	4595 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4595 NW PURPLE SAGE CIR
RP003260020020	DICK, ANDREW J	4605 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4605 NW PURPLE SAGE CIR
RP003260020010	BLUE SAGE HOMEOWNERS	P O BOX 624		MTN HOME	ID	83647	
RP003300010200	BRAGG, JENNIFER ANN	4420 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4420 NW PURPLE SAGE CIR
RP003300010210	THOMASON, KASEY	841 NE SAND PEBBLES LANE		MTN HOME	ID	83647	
RP003300010220	RANDY W TACKETT TRUST	13798 CHRISTIAN BARRETT DR		MOORPARK	CA	93021	
RP003300010230	WILLIAMS, STEPHEN S	4390 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	
RP003300010240	ENDICOTT, KYLE	4380 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4380 NW PURPLE SAGE CIR
RP003300010250	SOTELO, HUMBERTO	790 NW CEDAR	AU H8	MTN HOME	ID	83647	
RP003300020140	YOUNG, RICHARD	P O BOX 847		MTN HOME	ID	83647	4405 NW PURPLE SAGE CIR
RP003300020150	SILVA PROPERTIES, LLC	4284 S HIGHCLIFF AVE		MERIDIAN	ID	83642	
RP003300020160	BENNETT, ROBERT	4385 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4385 NW PURPLE SAGE CIR
RP003300020180	LANGFORD, JOSEPH	4365 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4365 NW PURPLE SAGE CIR
RP003300020170	BYRNE, RANDALL B	7080 S GLENRIDGE VIEW DR		BOISE	ID	83709	
RP003300010260	WILLIAMS, LYNN ANN	4360 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4360 NW PURPLE SAGE CIR
RP003300010270	STREB, MARK A	4350 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4350 NW PURPLE SAGE CIR
RP003300010280	CHESNUTT, WILLIAM S	4340 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4340 NW PURPLE SAGE CIR
RP003300010290	AKERS, BRIAN	47715 VIA MONTIGO		LA QUINTA	CA	92253	4330 NW PURPLE SAGE CIR
RP003300010300	HARVEY, MATTHEW B	4320 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4320 NW PURPLE SAGE CIR
RP003300010310	HOWARD, RACHEL NICOLE	4310 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4310 NW PURPLE SAGE CIR
RP003300010330	BLUE SAGE HOMEOWNERS	P O BOX 624		MTN HOME	ID	83647	
RP003300010320	ELIEZER CONSTRUCTION GROUP LLC	12635 W GAMBREL ST		STAR	ID	83669	4300 NW PURPLE SAGE CIR
RP003300020190	STOFFERAHN, LORAIN	4355 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4355 NW PURPLE SAGE CIR
RP003300020200	WILSON, JOHN D	4345 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	4345 NW PURPLE SAGE CIR
RP003300020210	VWT CONSTRUCTION LLC	3103 S WHITE POINTE LANE		MERIDIAN	ID	83642	
RP003300020220	TACKETT, KARLA	4325 NW PURPLE SAGE CIRCLE		MTN HOME	ID	83647	
RP003300020230	ANDERSON, KARL G	4315 NW PURPLE SAGE		MTN HOME	ID	83647	4315 NW PURPLE SAGE CIR
RP003300020240	BLUE SAGE HOMEOWNERS	P O BOX 624		MTN HOME	ID	83647	
RP003300030010	BLUE SAGE HOMEOWNERS	P O BOX 624		MTN HOME	ID	83647	
RP03S06E099000	BROWN, VICTOR R	6920 RIVA RIDGE DR SE		TURNER	OR	97392	
RP03S06E098845	N & G INC	4000 NE HAWKS DR		MTN HOME	ID	83647	
RP03S06E098850	N & G INC	4000 NE HAWKS DR		MTN HOME	ID	83647	
RP03S06E150330	LUSARDI, JAMES D	4486 NW EAGLEY LANE		MTN HOME	ID	83647	
RP03S06E15ROW							

Attachment G- Title 7, Chapter 9, Section 7-9-7 Responses

22. Title 7, Chapter 9, Section 7-9-7 states that the Elmore County Planning and Zoning Commission shall review all proposed conditional use applications and find adequate evidence that such use meets all of the following standards. The applicant must provide said evidence. Following are the standards the conditional use must meet (please use additional sheets of paper if necessary):

A) How does the proposed land use constitute a conditional use as determined by the land use matrix?

The proposed land use is an Electrical Generating Facility located on private land zoned Agriculture which is an allowed use that requires a conditional use permit per Table 7-2-26 (B) in the Amended Zoning Ordinance from February 17, 2023, with energy storage as an accessory use.

B) How will the proposed land use be in harmony and accordance with the Comprehensive Plan and the Ordinance?

The proposed land use supports and is in accordance with the following goals and objectives of the Elmore County Comprehensive Plan 2014.

Public Service Objective 2- Encourage the enhancement of the electric system and capacity and reliability. **This is a solar generation facility and energy storage system which will increase the capacity and reliability of renewable energy onto the grid.**

Public Service Objective 3- Encourage the enhancement of the capacity and reliability of renewable energy resources.' **This is a solar generation facility and energy storage system which will increase the capacity and reliability of renewable energy onto the grid.**

Land Use Goal 1- Provide for the orderly growth and accompanying development of the resources within the County that is compatible with a rural lifestyle. **The operating facility is minimally staffed with low traffic impact. The facility itself is quiet and will emit no odors or generate harmful byproducts.**

Economic Objective 12- Encourage Idaho Power to make additions to and improvements of electric utility facilities that provide adequate capacity for projected growth. **This project is located adjacent to the existing Idaho Power Danskin Substation and will interconnect into this facility. Before the project can interconnect, Idaho Power will upgrade the facility to accommodate the solar resource.**

Water Objective 4- Encourage the use of natural landscaping in order to conserve water. Encourage re-vegetation in disturbed areas. **During operations the facility will utilize minimal water if any. This will be a significant reduction in water from the current use. Disturbed areas on the solar generation facility that do not contain infrastructure or roads will be reseeded.**

In addition to the Comprehensive Plan the proposed use will maintain accordance with Zoning Ordinance 7-2-103 for the solar generating facility and 7-2-125 for the BESS as seen below.

7-2-103 Electrical Generating Facility

1. The facility shall use only natural gas, solar cells, water (hydroelectric) or wind power to produce electricity for sale. The use of diesel fuel is allowed only for emergency generation of electricity for fire suppression or winding down turbines. **The proposed facility will utilize solar cells to produce electricity.**
2. The owner or operator of the facility shall show compliance with all applicable Idaho Public Utility, and Federal Agency rules and regulations before receiving a zoning permit and shall operate the facility in conformance with those same regulations. **Owner will maintain compliance.**
3. Facility improvements shall be at least 2,500 feet away from any residence existing at the time of the application for permit. This distance shall be measured from the centerline of the power producing turbine to the closest edge of the residence. The distance may be shortened if the applicant applies for and is granted a waiver using the standards and procedures contained in this ordinance. A distance waiver shall be granted by the Commission provided, the owner(s) of affected residence(s) waive, in writing, the two thousand five hundred (2,500') foot setback requirements. If such waiver(s) are submitted to the Administrator for each residence within the two thousand five hundred (2,500') foot setback no variance approval shall be required. **There are no physical residences within 2,500 feet of the facility improvements.**
4. Operation of the facility shall not result in any noise louder than 58 decibels on the A-weighted decibel scale as measured from 750 feet from the centerline of the power producing turbine. A higher decibel reading would require a variance unless the Commission grants a noise waiver. The Commission may grant a noise waiver provided the owner(s) of affected property waive in writing the 58Db noise requirement. **Noise from the operating facility is limited to the inverters which is an ambient hum indiscernible outside the fence line; therefore, the facility will be under the 58-decibel level when measured from 750 feet from the edge of the facility.**
5. The applicant, with its building permit application, shall submit and thereafter follow a landscaping, screening and noise control plan to comply with section 4 above. The plan's ability to comply with section 4 shall be certified by a licensed engineer employed by the applicant. All improvements on the facility shall be enclosed by an appropriate

security fence. **A landscaping, screening and noise control plan will be submitted with the building permit application. All improvements will be enclosed by an appropriate security fence which complies with the National Fire Protection Association (“NFPA”) and County ordinances. Please see Attachment E-Project Narrative for more detail.**

6. The applicant shall demonstrate and maintain an adequate fire protection and fire-fighting capacity, including entering into an agreement with a public firefighting agency when the applicant’s project is within the jurisdiction of such an agency. **The project is in the Mountain Home Rural Fire District. Please see Agency Comments section for signature and comments.**
7. Before a zoning approval is granted, the applicant shall hold at least two (2) public meetings. Notice of those meetings shall be by publication in local newspaper and by mail to property owners within one (1) mile of the proposed facility. **Applicant has held two neighborhood meetings. Please see Attachment H. Applicant is not requesting a rezone.**
8. The Director shall cause the applicant to provide information detailing possible adverse impacts and require mitigation of same. **Applicant will provide a glint glare study, visual impact analysis, and economic impact analysis prior to the public workshop.**
9. Towers and structures that seek to exceed the building height restrictions from Table 6-8-11 (C) must be compatible with the flight operations of MHAFB and the City of Mountain Home and Glenns Ferry public airport operations. The proposed plan should be coordinated and approved by local, state, federal and military aviation officials. **Not applicable since the facility will be significantly shorter than the height restriction; height of the facility will be no more than 20 feet and height restriction in the agricultural zone is 35 feet.**
10. Towers and height variances shall not be granted within 5 miles of Mountain Home AFB or along depicted flight corridors. **Not applicable based on height of facility and location of the project.**
11. Within the Mountain Home or Glenns Ferry airport influence areas overlay district, the height limits on the tower or facility structures shall be as required by the Code of Federal Regulations 14 CFR 77. **Not applicable based on height of facility and location of the project.**

12. Notification distance shall be increased at the discretion of the Director to accommodate for visual impacts. **Per Conditional Use Permit requirement two neighborhood meetings were conducted prior to submitting this application. Notice of the neighborhood meetings were mailed to property owners within one mile of the proposed facility.**

Below are standards the County has indicated may be applicable for energy storage with a battery storage system. Applicant notes standards are stated in the Code as applicable if energy storage is a non-accessory use and Applicant's submission is for energy storage as an accessory use. Applicant, however, is providing analysis as per discussions with the County.

7-2-125: Fuel, Flammable Material Storage

- A. All structures or outdoor activity areas shall be located a minimum of three hundred (300') feet from any property line. The use shall be located a minimum of one thousand (1000') feet from any residential district or approved hospital use. **The property line between the power generation area facility and energy storage facility is contiguous and they will be connected by lines which lose efficiency over distance. Applicant's plan has these facilities as 50 feet apart.**
- B. The facility shall be enclosed by an eight (8') foot high security fence or wall. Entrance and exit shall be through a gate that shall be locked during non-business hours. See also (fence, barbed wire, electric wire, or other) of this Chapter. **The security fence shall comply with NFPA and County ordinances.**
- C. The application materials shall include written documentation from the appropriate fire authority approving the proposed location and plan specifications of the facilities. **The Project is in the Mountain Home Rural Fire District. Please see Agency Comments section for signature and comments.**
- D. The application materials shall include maps and engineering drawings showing proposed drainage, proposed sewer system design, the depth of the water table, soil composition, all existing surface water, and all existing uses within one-fourth (1/4) mile of the property. The applicant shall also furnish evidence that the dangerous characteristics of the particular process or activity in question have been or shall be eliminated or minimized sufficiently so as not to create a public nuisance or be detrimental to the public health, safety, or welfare. **Maps and drawings will be provided once engineering is advanced.**
- E. The use shall comply with the flood hazard overlay as set forth in this Ordinance. **Confirmed.**

F. Current Fire Code that has been adopted. **NFPA 855.**

C) How will the proposed land use comply applicable base zone and with the specific standards as set forth in the Ordinance?

The base zone of the proposed use is Agriculture and Elmore County allows for a variety of uses including the proposed solar electrical generating facility with a Conditional Use Permit.

D) How does the proposed land use comply with all applicable County Ordinance?

See response to question 2 above.

E) How does the proposed land use comply with all applicable State and Federal regulation?

The proposed solar facility will adhere to all applicable regulations. Qualified engineers and electricians will oversee construction, operation, and maintenance to ensure the facility meets electrical design requirements and complies with local, state, and federal safety standards.

F) What about the proposed land use's design, construction, operation and maintenance makes it harmonious and appropriate in appearance with the existing or intended character of the general vicinity and how will it not change the essential character of said area?

The proposed land use is mainly located to the north of I-84 in addition to a small portion to the south. It is directly surrounded by land managed by the Bureau of Land Management (BLM) to the north, undeveloped private agriculture land and Idaho Power including the Danskin 230kv substation to the west, undeveloped private agriculture land to the south, and land managed by the BLM and undeveloped private agriculture land owned by the Lessor of the facility land to the east. The closest residential dwelling is further than 2500 feet away.

The facility design will include a minimum setback of 50-foot from all property lines which meets or exceeds County requirements for power generation and energy storage as an accessory use. The project substation will be located adjacent to the existing Idaho Power Danskin 230kV Substation and they will connect to each other. During construction minimal earthwork is will be necessary due to the relatively flat slope of the site which will minimize impacts and no hillside grading application will be needed.

During operations and maintenance, the facility will not be audible outside of an ambient hum that can only be heard within the fence. The facility will be minimally staffed and traffic or noise on public or private roads will be negligible due to limited personnel required for operations and maintenance.

G) Why or how will the proposed land use not be hazardous or disturbing to existing or future neighboring uses?

The proposed facility is surrounded by private agricultural land, federal lands managed by the Bureau of Land Management and land owned by Idaho Power that currently contains the existing Danskin Substation. The closest residence is further than 2500 feet away and the project has included a minimum 50' setback in its design and will complete a landscape screening plan per the County requirements prior to the Building Permit.

The facility will not emit or utilize any hazardous or disturbing odors or noise. The solar panels contain an anti-reflective coating and are designed to absorb light which mitigates any reflection to nearby properties. Applicant is additionally providing a glint glare study. The project will not emit or utilize any hazardous or disturbing odors or noise.

The project is located on land that is currently utilized for grazing and agriculture and by locating the solar facility here it will preserve the land for future agriculture use by restoring the land to its previous condition once the site is decommissioned.

H) How will the proposed land use be served adequately by available public facilities/services such as highways, streets, police and fire protection, drainage structures, refuse disposal, water, sewer or how will these public services be provided by the applicant/developer?

The construction duration of the solar generation and energy storage will be approximately 12-18 months. During construction I-84 and local roads will be utilized to access the site for equipment deliveries and workers which will create an increase in traffic. Once operational the project is minimally staffed, and traffic will be negligible due to limited personnel required for operations and maintenance.

The need for fire and police services during construction, operations and maintenance is not anticipated under normal operating conditions. The project is within Mountain Home Rural Fire District and has completed initial outreach with them (please see Agency Comments & Signature section). The applicant will maintain adequate access to the project for police and fire protection.

No drainage structures exist onsite, and none are proposed. Drainage improvements done through grading of the site will be engineered and in compliance with the Idaho Department of Environmental Quality Construction General Permit. During construction, temporary refuse disposal will be located on site and during operations and maintenance the site will have refuse disposal service.

Water will be utilized for dust control measures for site preparation and grading activities during construction of the solar generation facility. The source of water for construction will be through the landowner and if necessary a secondary source. During operations

panel washing may be required and this water would be procured and brought to the site via truck.

No sewer will be necessary during the construction, operation, or maintenance.

I) Why or how will the proposed land use not create excessive additional requirements at public cost for public facilities/services or be detrimental to the economic welfare of the county?

As stated above many public facilities and services will not be necessary due to the facility being minimally staffed during operations. Operation of the facility will not require water, sewer, fire, and sheriff services under normal operating conditions. The applicant is required to enter into a Development Agreement with the County and as of May 2024 will be required to pay impact fees.

J) Why or how will the proposed land use not involve uses, activities, processes, materials, equipment, and/or conditions of operation that will be detrimental to any persons, property, or the general welfare because of excessive production of traffic, noise, smoke, fumes, glare or odors?

The facility will not generate smoke, fumes, or odors during the construction and operation of the facility. Solar modules that are utilized are designed to absorb light and contain an anti-reflective coating which mitigates glare concerns. Noise once the facility is operational, it is limited to the inverters which is an ambient hum which will be indiscernible outside the fence line. During construction there will be an increase in traffic for workers and equipment deliveries but once the site is operational the site is minimally staffed and traffic will be negligible due to limited personnel required for operations and maintenance.

K) Why or how will the proposed land use not result in the destruction, loss or damage of a natural or scenic feature of major importance?

The project will be constructed on agricultural land which has historically been utilized for grazing. The site is relatively flat therefore alterations to the natural landscape will be minimal. No natural or scenic features of major importance are located on the site.

Attachment H- Notice of Neighborhood Meeting and Sign- in Sheet



ELMORE COUNTY LAND USE & BUILDING DEPARTMENT

520 East 2nd South • Mountain Home, ID • 83647 • Phone: (208) 587-2142

Fax: (208) 587-2120 • www.elmorecounty.org

Neighborhood Meeting Sign Up Sheet

Date of Neighborhood Meeting: JULY 8, 2024

Start Time of Neighborhood Meeting: 6:00 PM

End Time of the Neighborhood Meeting: 8:00 PM

Location of Meeting: American Legion Post 26 515 E 2nd S St, Mountain Home, ID 83647

Description of the proposed project: Crimson Orchard Solar and Battery Project

Notice Sent to neighbors on: June 28, 2024

Location of the neighborhood meeting: American Legion Post 26

Attendees:

<u>Name</u>	<u>Address</u>
1. <u>Theresa & Pat Akers</u>	<u>511 NW Mashburn Rd</u>
2. <u>LaDonna Williams</u>	<u>998 NW Beaman Rd</u>
3. <u>Wayne & Judy Gossett</u>	<u>4956 NW Tennant Ave</u>
4. <u>Kyle & Kaitlyn Zundel</u>	<u>5573 NW Tennant Ave</u>
5. <u>Allen F. Russell</u>	<u>5515 NW Tennant Ave</u>
6. <u>Debra Papp</u>	<u>5515 NW Tennant Ave</u>
7. <u>Maureen Jackson</u>	<u>165 Carrie Circle</u>
8. <u>Robin Hamilton</u>	<u>5556 NW Tennant AVE</u>
9. _____	_____
10. _____	_____

- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____

Neighborhood Meeting Certification:

Applicants shall conduct a neighborhood meeting for comprehensive plan amendments, variance, conditional uses, zoning ordinance map amendments and expansions or extensions of nonconforming uses as per Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-3.

Applicant:

Name: Crimson Orchard Solar LLC

Address: c/o Clenera, LLC, 999 W. Main St., Suite 800

City: Boise State: ID Zip: 83702

Telephone: (208) 639-3232 Fax: _____

I certify that a neighborhood meeting was conducted at the time and location noted on this form and in accord with the Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-

- 3. Crimson Orchard Solar LLC
 - By: CRE-Crimson Orchard Idaho LLC, its Sole Member
 - By: Clenera DevCo, LLC, its Sole Member
 - By: Clenera Holdings, LLC, its Sole Member

Signed by: Dustin Thompson

8/6/2024

Signature: (Applicant)

Date



ELMORE COUNTY LAND USE & BUILDING DEPARTMENT

520 East 2nd South • Mountain Home, ID • 83647 • Phone: (208) 587-2142

Fax: (208) 587-2120 • www.elmorecounty.org

Neighborhood Meeting Sign Up Sheet

Date of Neighborhood Meeting: 7/9/24

Start Time of Neighborhood Meeting: 6:00 PM

End Time of the Neighborhood Meeting: 8:00 PM

Location of Meeting: American Legion Post 26 515 E 2nd S street, Mountain Home, ID, 83647

Description of the proposed project: crimson orchard solar and Battery project

Notice Sent to neighbors on: 6/28/24

Location of the neighborhood meeting: American Legion Post 26

Attendees:

	<u>Name</u>	<u>Address</u>
1.	<u>Nathy Brooks</u>	<u>101 Mtn. View Dr MH</u>
2.	<u>Row Parks</u>	<u>183 E Red Rock Meridian</u>
3.	<u>STAN SCOTT</u>	<u>3850 SUNSET ST. P.</u>
4.	<u>George Rehier</u>	<u>16980 N Orch Ct 83687</u>
5.	<u>Musky Pierce</u>	<u>418 Oak Ct 83647</u>
6.	<u>Reggie Pierce</u>	<u>418 Oak Ct 83647</u>
7.	<u>Robert STARS</u>	<u>1873 Rock Road 83647</u>
8.	<u>Cathy Ireland</u>	<u>7770 Canyon Creek</u>
9.	<u>Erin Ireland</u>	<u>7770 Canyon Creek 83647</u>
10.	<u>Patty Stauts</u>	<u>1873 Rock Rd 83647</u>

- 11. Paula Cumber 2040 SW Quicke-Iner Dr.
- 12. Gay Cumber " " " "
- 13. Jenny Wirkkala 1040 N 15E
- 14. TIM O'CONNOR 1015 N 15TH EAST
- 15. Sonie Loll 5111 N.W Standish
- 16. Linda Lou Loll 5057 N.W Standish Ave
- 17. Greene 1289 NW Beaman St.
- 18. Heather Cole 805 NW Beaman St.
- 19. _____
- 20. _____

Neighborhood Meeting Certification:

Applicants shall conduct a neighborhood meeting for comprehensive plan amendments, variance, conditional uses, zoning ordinance map amendments and expansions or extensions of nonconforming uses as per Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-3.

Applicant:

Name: Crimson Orchard Solar LLC

Address: c/o Clenera, LLC, 999 W. Main St., Suite 800

City: Boise State: Idaho Zip: 83702

Telephone: (208) 639-3232 Fax: _____

I certify that a neighborhood meeting was conducted at the time and location noted on this form and in accord with the Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-

- 3. Crimson Orchard Solar LLC
- By: CRE-Crimson Orchard Idaho LLC, its Sole Member
- By: Clenera DevCo, LLC, its Sole Member
- By: Clenera Holdings, LLC, its Sole Member

Signed by: Dustin Thompson
DDEE2BB27EBD45D...

8/6/2024

Signature: (Applicant)

Date

Attachment I- Property Owner Affidavit

AFFIDAVIT OF LEGAL INTEREST

STATE OF IDAHO)
) .ss
COUNTY OF ADA)

I, James B. Alderman, with J.R. Simplot Company, P.O. Box 27,
(Name) (Address)

Boise Idaho being first duly sworn upon
(City) (State) oath, depose and say:

1. That J.R. Simplot Company is the record owner of the property described on the attached, and I grant my permission to:

Crimson Orchard Solar LLC c/o Clenera, LLC
and affiliates Attn. Admin Dept
P.O. Box 2576
Boise, Idaho 83701
(Name) (Address)

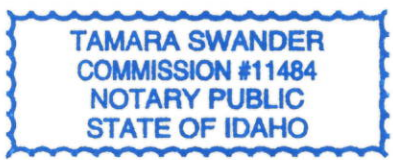
to submit the accompanying application pertaining to the real property described as in Exhibit A attached hereto and incorporated herein by reference.

2. I agree to indemnify, defend and hold Elmore County and its employees harmless from any claim or liability resulting from any dispute as to the statements contained herein or as to the ownership of the property which is the subject of the application.

Dated this 6th day of August, 2024.

[Signature]
(Signature)

SUBSCRIBED AND SWORN to before me the day and year first above written.



Tamara Swander
Notary Public for Idaho
Residing at: Emmett, Idaho
My Commission expires: 4-4-2030

EXHIBIT A

Description of Property

Township 3 South, Range 6 East, Boise Meridian, Elmore County, Idaho

Section 3: S1/2 NW1/4, SW1/4

Section 9: N1/2 and N1/2SW1/4 North of I-84

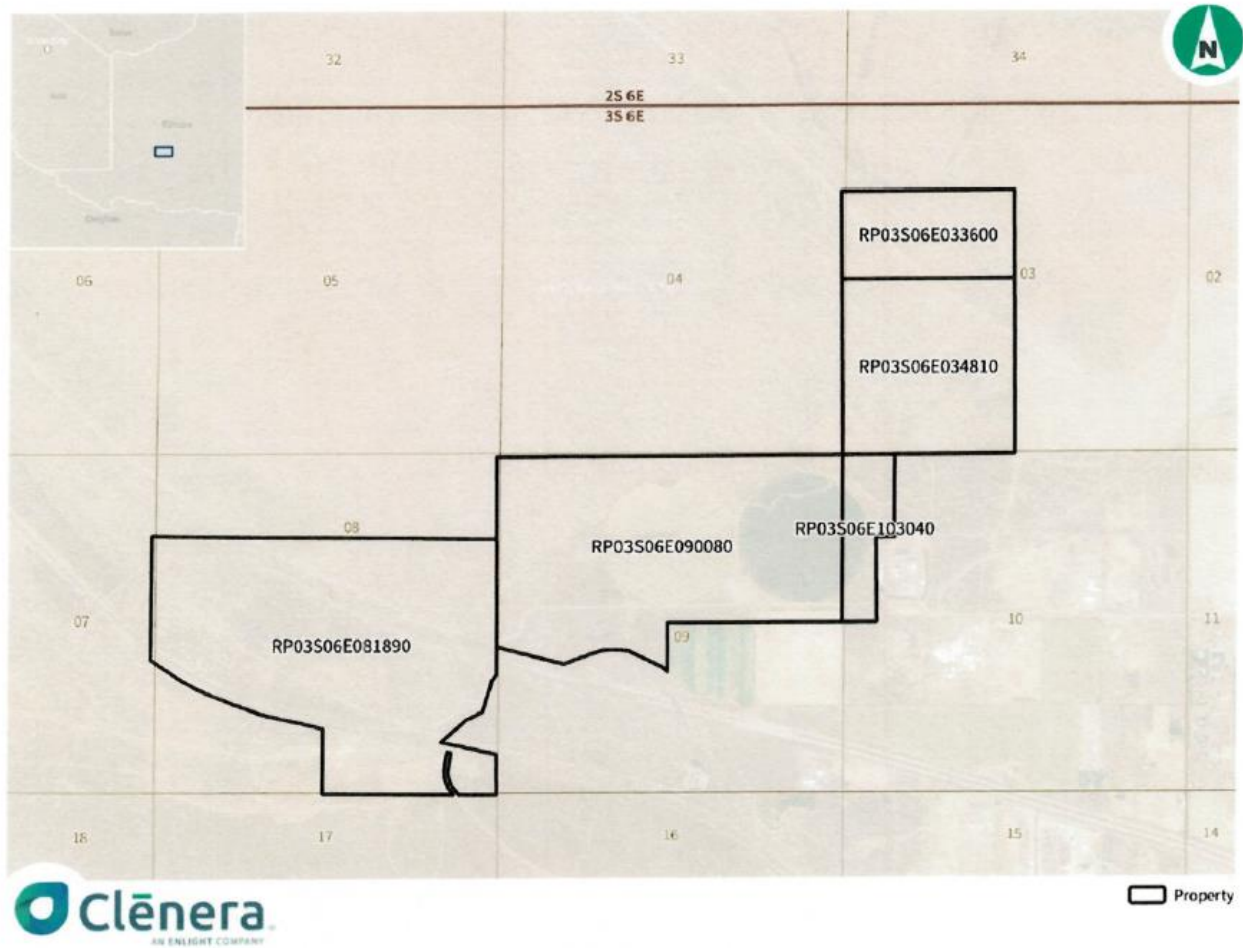
Section 8: S1/2N1/2, NE1/4 SW1/4, SE1/4 and that portion of NW1/4SW1/4 lying North of the Oregon Short Line Railroad Company Right of Way

SAVE AND EXCEPT Highway Right of Way

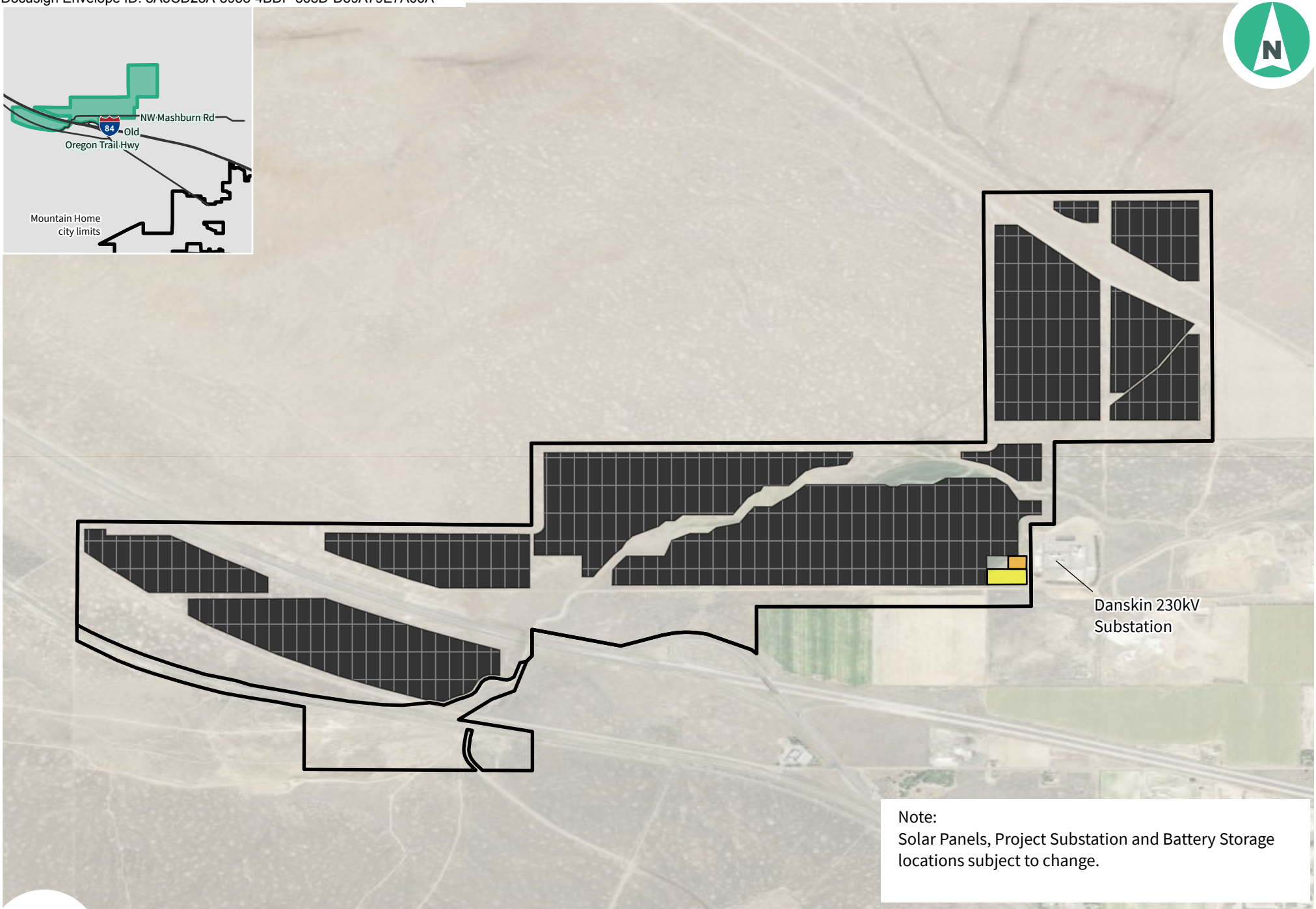
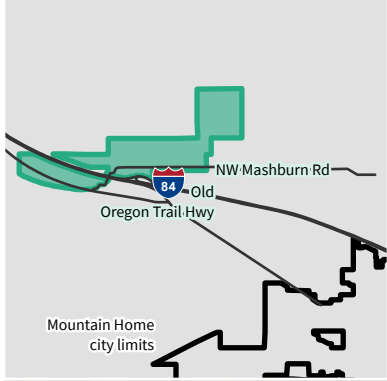
Section 10: W1/2 NW1/4, excepting therefrom that portion described as follows:

A tract of land in the NW1/4 of Section 10, Township 3 South, Range 6 East, B.M., Elmore County, Idaho, more particularly described as follows: Beginning at a point identified as the SE corner of the SW1/4NW1/4 (CW1/16) of said Section 10, thence South 89 degrees 46'59" West, a distance of 800 feet; thence North 00 degrees 13'12" West, a distance of 1,317.75 feet; thence North 89 degrees 53'37" East, a distance of 276.00 feet; thence North 00 degrees 13'12" West, a distance of 1,317.49 feet; thence North 89 degrees 59'09" East, a distance of 524.00 feet; thence South 00 degrees 13'12" East, a distance of 2,632.86 feet to the point of beginning.

[depiction on following page]



Attachment J- Conceptual Site Plan



Crimson Orchard Solar Project Conceptual Site Plan

- Fence and Solar Panels
- Battery Storage
- Project Substation
- CUP Parcels

Attachment K- Agency Comments & Signature

Agency signatures are used for the applicant to make initial contact with certain agencies to address issues prior to a public hearing and application submittal. Additional agencies not listed may have additional requirements. The agencies listed below may be required for future approvals or signatures depending on the type of conditional use. The signature does not constitute a final approval by the agency. The agency signatures below do not guarantee approval from the Elmore County Land Use & Building Director, Elmore County Planning and Zoning Commission or Elmore County Board of Commissioners. The agencies listed below will be notified of the public hearing. Elmore County Land Use & Building Staff will inform the applicant of the desired agency signatures prior to application submittal.

Agency Comments & Signatures

Notes for agency signatures.

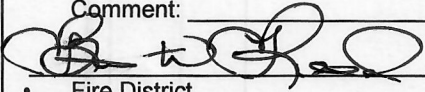
1. It is recommended that applicants set up appointments with the following agencies once the application is complete with all required information.
2. Agency signature does not guarantee any future approvals.
3. Agencies may attach additional sheets of paper for comment and/or conditions if necessary.
4. Agencies may have additional comments and/or conditions at a later time.

• Central District Health (or other Sewer District) Sewer Permit (208-580-6003) Date

Comment: _____

• Roadway Jurisdiction (MHHD 208-587-3211) (GFHD 208-366-7744) (AHD 208-864-2115) Date

Comment: _____



7.9.2024

• Fire District Date

• (MHRFD 208-587-2117) (Oasis 208-796-2115) (GFFD 208-599-0000) (BGRFD 208-834-2511) (AFD 208-864-2182)

Comments: APPROVAL FOR OVERALL CONCEPT ONLY.

ATTACHMENT C
PROJECT NARRATIVE

Project Narrative

Crimson Orchard Solar LLC (“Crimson Orchard”) is respectfully requesting a Conditional Use Permit from Elmore County to allow for the construction and operation of the proposed 100MWac utility-scale solar generation facility (“Generation Facility”) and the 100MW Battery Energy Storage System (“BESS”), hereafter known as the (“Project”). The Project will be constructed in two phases, one for the Generation Facility and one for BESS. .

The Project will include the following primary facilities which are outlined in further detail below:

- Solar Energy Generation Facility
- Battery Energy Storage System
- On-site Project Substation

Solar Energy Generation Facility

Photovoltaic Modules and Arrays

Solar energy is converted from photon energy to direct current (DC) electrical energy via the semiconductor material in the Photovoltaic (PV) cells. PV modules are designed to absorb sun and the glass contains an antireflective coating. PV modules are arranged in row, typically oriented East to West. Groups of PV module rows, along with associated tracker and electrical equipment, comprise the project arrays. The PV module arrays will not exceed 20 feet in height and are generally arranged in a linear pattern, as allowed by topography and environmental constraints.

Solar Tracking and Mounting

The PV modules are inserted into prefabricated frames, which are mounted on rows of metal racking systems that are supported from the ground by steel posts that are approximately 6 feet high and driven into the ground by hydraulic vibrating equipment. The steel posts are typically 8 inches wide and are set on a regular grid pattern, approximately every 20 feet.

The projects will use a single-axis tracking system, which will automatically maintain the optimum angle of the modules to collect energy from the sun, by changing the orientation of the arrays throughout the day to follow the sun’s path to maximize energy production. The tracking system will be driven by motors and will be directed by an actuator to track to the location of the Sun.

Electric Collection System

The PV modules are connected in a combination of series and parallel connections. The DC power output from the PV modules is transmitted through a DC collection system of cables and combiner boxes. The DC cables run either above ground in a cable management system or in an underground trench to reach the Power Conversion System (PCS) and Medium Voltage Skid (MVS). The PCS functions as the conversion point between DC and AC power and the MVS consists of a medium voltage transformer, an AC panel, and an auxiliary power system for communication and solar tracking equipment. The PCS may be located on the MVS or installed independently on a separate foundation.

The PCS AC power output is connected to medium voltage transformers that steps up the voltage output, typically to 34.5kV, for the transmission of the energy to the onsite Project Substation. The output from each of these transformers is connected to the collector cables that make up the Medium Voltage Collection System (“MVCS”) which may be buried in an underground trench or installed overhead. The trenches or overhead lines typically include fiber optic control cables for the Supervisory Control and Data Acquisition (“SCADA”) which allow system operators to monitor, control and safely operate the Generation Facility.

Fencing

The Generation Facility will be secured from the public by perimeter fencing and gates as required by the National Electric and National Safety codes for electrical installations. The perimeter fence is a chain link fence approximately 6-foot-tall that is topped with an approximately 1-foot-tall three-strand barbed wire component.

Monitoring and Maintenance Facilities

No permanent on-site Monitoring and Maintenance (“M&M”) facilities will be constructed. The M&M facilities will be an area designed on-site for temporary facilities and parts storage. Facilities are typically prefabricated office trailers, metal enclosures (conexes), or shed buildings. The monitoring facility office trailer will be environmentally conditioned for the SCADA and computer components however it will not be an occupied structure. The maintenance facility building is not environmentally controlled and is simply a metal cabinet or other structure for spare PV modules, cleaning equipment, and other supplies. A portable toilet will be maintained outside the facility.

Access Roads

New Project roads located within the Project boundaries will be built to support construction and operation activities. These roads include perimeter roads, internal PVM array roads, BESS circuit roads, and roads to access Project Substation and BESS. The roads will be

compacted native material or gravel laid over landscape cloth with varying widths. Roads within the arrays are typically two-track, unimproved dirt roads.

Battery Energy Storage System

BESS Containers

The BESS will consist of lithium-ion batteries that are enclosed in containers in order to protect the battery from environmental factors like moisture and dust. The containers are supported by piles placed in the ground or concrete foundations and are connected to a MVS, similar to that of the PV. The PCS can be located either on the MVS or inside of the BESS container.

BESS containers arranged around and connected to a single MVS are called a block. Multiple BESS blocks are looped into a single MVCS cable and are called a circuit.

Electric Collection System

The BESS container transmits power as AC if the PCS is located inside of the container or DC if the PCS is located on the MVS. Cables are run either above ground in a cable management system or in an underground trench to between the BESS container and the MVS.

The MVS for the BESS is very similar to the PV facility MVS. There is typically an auxiliary power supply on the MVS that is used for networking equipment and protection systems. The BESS container auxiliary power can be supplied internally or externally with a dedicated power supply from the project substation or MVS.

BESS Pad

The base of the BESS area will be 4-8 inches of gravel with perimeter access roads and internal service roads. Setbacks from the BESS containers to the fence line on the BESS pad will meet or exceed 20ft.

Fencing

The BESS facility will be secured from the public by perimeter fencing and gates as required by the National Electric and National Safety codes for electrical installations. The standard perimeter fence is a chain link fence approximately 6-foot-tall that is topped with an approximately 1-foot-tall three-strand barbed wire component. The BESS fence will comply with the 7-2-125 zoning ordinance and National Fire Protection Association standards.

Onsite Project Substation

The Project Substation will be secured from the public by perimeter fencing and gates area as required by the National Electric and National Safety codes for electrical installations and

may consist of a power transformer, breakers, switchgear, electrical busbars, control enclosure, microwave communication tower, and other protective equipment. The main power transformer will increase the voltage output from the MCVS level of 34.5kV to 230kV which is the voltage at the existing 230kV Danskin Substation which is operated and owned by Idaho Power.

ATTACHMENT
D.1 TO D.19
AGENCY COMMENTS

From: [Mitra Mehta-Cooper](#)
To: [Cavanagh, Suzy](#); [David Abrahamson](#)
Subject: FW: Floodplain Discussion- Crimson Orchard Solar
Date: Wednesday, September 4, 2024 9:40:30 AM
Attachments: [240827 Floodplain Map CrimsonOrchard AM.pdf](#)

FYI

From: Angie Michaels <angie@ewsid.com>
Sent: Tuesday, September 3, 2024 3:03 PM
To: Cara Mahler <cara.mahler@clenera.com>
Cc: Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>; Heather Wilson <heather.wilson@clenera.com>; Matt Walsh <matt.walsh@clenera.com>; Fred Brun <fred.brun@clenera.com>
Subject: Re: Floodplain Discussion- Crimson Orchard Solar

Hi Cara,

I think this approach is reasonable but I think we want to limit the number of solar panels that are in the flow path(s) identified by Westwood. As I don't have Westwood's full study I don't know what kind of velocities we're looking at. I marked up a couple of areas that probably should be left open for flood flow. I can't say for certain until we have their study. Bottom line, I think we can make this work from a floodplain standpoint. Please submit a floodplain application with attachments including Westwood's study for our review.

Thank you,

*Angie Michaels, P.E., CFM
Engineering with a Mission LLC
208.870.9495 cell*

On Tue, Aug 27, 2024 at 12:08 PM Cara Mahler <cara.mahler@clenera.com> wrote:

Hi Angie,

Attached is the site plan of our proposed development with Westwood's flo-2d data superimposed. I have also included the project narrative that was submitted with our CUP application. Please let me know if anything else is needed for your analysis of Option A below.

Warm regards,

Cara Mahler | Project Developer

Clēnera - an Enlight Company

999 W. Main St., Suite 800 | Boise, Idaho 83702

PO Box 2576 | Boise, Idaho 83701

Direct: 208-639-3232 ext. 145

Mobile: 208-954-0269

www.clenera.com

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From: Angie Michaels <angie@ewsid.com>

Date: Wednesday, July 24, 2024 at 2:00 PM

To: Cara Mahler <cara.mahler@clenera.com>

Cc: Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>, Heather Wilson <heather.wilson@clenera.com>, Matt Walsh <matt.walsh@clenera.com>, Fred Brun <fred.brun@clenera.com>

Subject: Re: Floodplain Discussion- Crimson Orchard Solar



Hi Cara,

See my responses below:

1. Option A-Use the Westwood flo-2d mapping to locate our facilities. If possible, stay out of mapped zones and if not elevate and obtain a Floodplain Development Permit.
 - a. As you mentioned below you would need to know more about the project before you can confirm this is an option. What additional information would you like to see? **A description of your proposed development and a site plan of your proposed development superimposed over the current floodplain.**

2. Option B- File a LOMR or a CLOMR and submit a Floodplain Development Permit.
 - a. On another project we are developing, the county issued the Floodplain Development Permit once they had the LOMR submittal package in hand since it is my understanding it must be reviewed and signed by the county prior to submitting to FEMA. Would Elmore County consider this? **The Floodplain Development Permit can be issued once I review it. You would still not be allowed to perform any construction within the current floodplain until the LOMR is approved by FEMA. In the case of the CLOMR, you could proceed with construction upon approval of the CLOMR then file the LOMR after construction is complete.**

In case you haven't had a chance to review it, I've attached the current Elmore County Flood Hazard Ordinance for your use.

Thanks,

*Angie Michaels, P.E., CFM
Engineering with a Mission LLC
208.870.9495 cell*

On Tue, Jul 23, 2024 at 10:28 AM Cara Mahler <cara.mahler@clenera.com> wrote:

Hi Angie,

Thank you for providing this information. Just to confirm it sounds like there are two options being proposed and in no specific order I have outlined them below with some follow up questions.

1. Option A-Use the Westwood flo-2d mapping to locate our facilities. If possible, stay out of mapped zones and if not elevate and obtain a Floodplain Development Permit.
 - a. As you mentioned below you would need to know more about the project before you can confirm this is an option. What additional information would you like to see?

2. Option B- File a LOMR or a CLOMR and submit a Floodplain Development Permit.
 - a. On another project we are developing, the county issued the Floodplain Development Permit once they had the LOMR submittal package in hand since it is my understanding it must be reviewed and signed by the county prior to submitting to FEMA. Would Elmore County consider this?

Warm regards,

Cara Mahler | Project Developer

Clēnera - an Enlight Company

999 W. Main St., Suite 800 | Boise, Idaho 83702

PO Box 2576 | Boise, Idaho 83701

Direct: 208-639-3232 ext. 145

Mobile: 208-954-0269

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From: Angie Michaels <angie@ewsid.com>

Date: Monday, July 22, 2024 at 10:53 AM

To: Cara Mahler <cara.mahler@clenera.com>

Cc: Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>, Heather Wilson <heather.wilson@clenera.com>, Matt Walsh <matt.walsh@clenera.com>, Fred Brun <fred.brun@clenera.com>

Subject: Re: Floodplain Discussion- Crimson Orchard Solar



Hi Cara,

The mapping I mentioned is available through the Idaho Lidar Consortium. [Existing Lidar Data – Idaho Lidar Consortium](#)

The design guidance I mentioned before would only be relevant if you are not doing a LOMR and would be dependent on how many solar panels you plan to place in the floodplain. Your site's floodplain covers a much larger portion than the other project I'd mentioned - we'd need to know more about your project before we could commit to this approach being an option . Essentially, you will be required to model the 1%

chance flood on the site. This should be doable with the hydrology study your team has done. Once that's complete, add 2' of elevation to the flood elevations resulting from the model (Elmore County's Flood Protection Elevation). Show the results on a site plan. Keep solar panels out of this area if possible. If not, anything electrical below that 2' elevation will need watertight connections. Solar inverters/modules will need to be at or above the 2' plus flood elevation. This process isn't much different than you would do if you were filing a LOMR, just quicker than going through the FEMA process.

I have checked the flood study scope FEMA has for Elmore County and Canyon Creek is only going to be studied as an unnumbered A zone (base level engineering) so no major changes are expected and I don't have a timeframe for when the work will be done.

Thanks,

Angie Michaels, P.E., CFM
Engineering with a Mission LLC
208.870.9495 cell

On Fri, Jul 19, 2024 at 8:46 AM Cara Mahler <cara.mahler@clenera.com> wrote:

Hi Angie and Mitra,

Thank you for meeting with us yesterday. I have attached the parcels that encompass the proposed Crimson Orchard Solar and BESS Project for you to send to your FEMA contact to verify if this area has had updated mapping.

I know you mentioned you would look at previous projects and provide feedback on design which would be greatly appreciated. As we move forward with engineering the more guidelines, we can provide our team the better.

I will be following up with our insurance manager to see if we need to proceed with a LOMR or CLOMR.

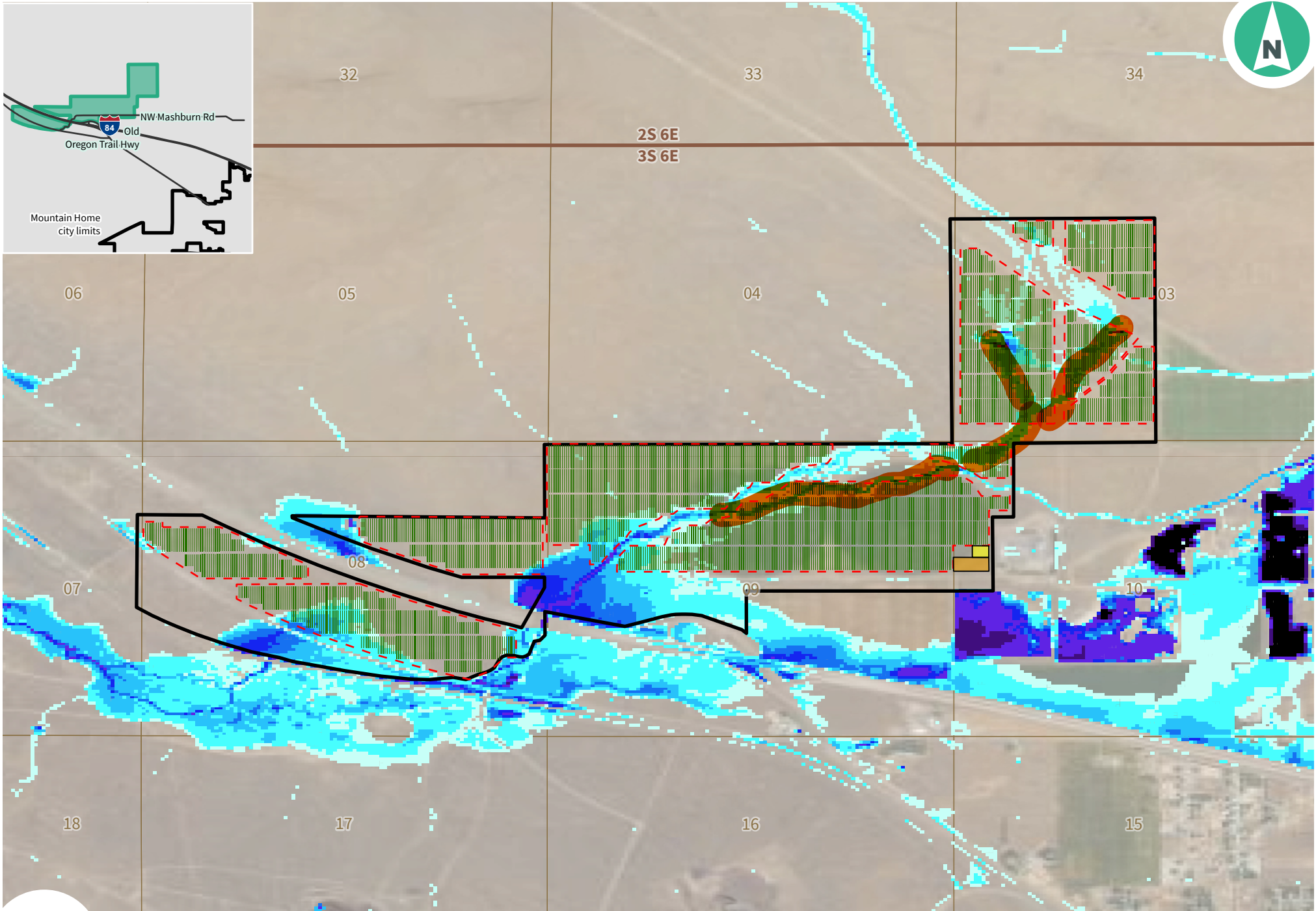
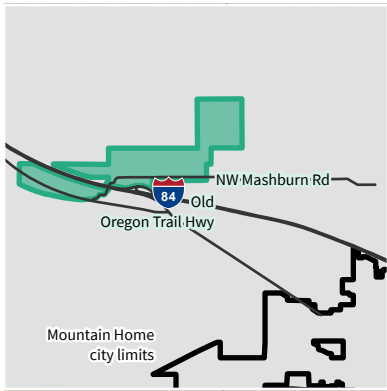
Warm regards,
Cara Mahler | Project Developer
Clēnera - an *Enlight Company*
999 W. Main St., Suite 800 | Boise, Idaho 83702
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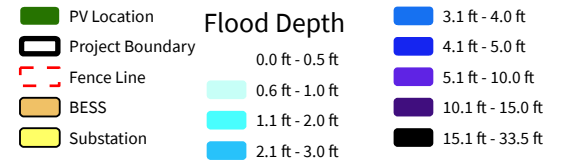
Mobile: 208-954-0269

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Crimson Orchard Solar Project



Bureau of Land Management
Slickspot Peppergrass Inventory and Clearance Standards
May 13, 2010

These guidelines describe standard procedures for conducting inventories and clearances for slick spots and slickspot peppergrass (*Lepidium papilliferum*) and are based on U.S. Fish and Wildlife Service Rare Plant Inventory Guidelines (Attachment 1) developed by the Idaho Fish and Wildlife Office of the U.S. Fish and Wildlife Service (Service), Boise, Idaho. The Bureau of Land Management (BLM) developed the methods outlined below, with technical assistance from the Service, that the BLM will use to determine whether potential habitat contains slick spots (slickspot peppergrass habitat), slickspot peppergrass (occupied habitat), or non-habitat (Figure 1, Attachment 2). The inventory standards in section B and C describe requirements for inventory of potential habitat, and section E describes requirements for project clearances.

The inventory guidelines referenced below address BLM conservation measures 1a and 1b as described in the 2009 Conservation Agreement between the Idaho Fish and Wildlife Office and Idaho BLM for slickspot peppergrass.

A. Surveyor Requirements

The following qualifications would be required for potential habitat inventory or project clearances in slickspot peppergrass potential habitat:

- 1) BLM journey-level botanist.
- 2) Technician, para-botanist, or apprentice botanist under the direct supervision of a BLM journey-level botanist.
- 3) Experienced contracted botanist familiar with slickspot peppergrass and local southwest Idaho flora as demonstrated by a resume or other supporting documentation. All technicians, para-botanists, or apprentice botanists working under the contracted botanist must meet qualifications approved by the BLM journey-level botanist.

All BLM inventory personnel would be trained by the field office botanist prior to field inventory implementation. Contractors are required to coordinate with the local field office botanist.

B. Stage 1 Inventory

1. Stage 1 inventories are performed to determine if slick spots and slickspot peppergrass plants are present. The recommended time period for Stage 1 inventory to detect slick spots and plants is April 1-October 15. If the objective of the inventory is detection of slickspot habitat presence or absence, surveys may be completed any time of the year when soils are not snow-covered or saturated. If slick spots are located and Stage 1 inventory is completed outside of this recommended time period, 3 years of Stage 2 and 3 inventory would be required

to determine presence or absence of slickspot peppergrass plants (see section C below).

2. Inventories will be performed in all areas containing potential habitat as defined by suitable soils and elevation and contained within the BLM 2003 potential habitat GIS layer, as updated.
3. Linear transects that span the width or length of an individual section (legal) or polygon (if less than 1 mile in length or width) will be established on northing or easting coordinates and located between 100 and 400 meters apart. The actual distance between transects will be contingent upon vegetative density within each section (e.g., visual distance where slick spots could be detected) and will be determined by the field office botanist. Surveyors will walk transects in a meandering fashion such that transect width consists of a minimum of 10 meters (~ 33 feet) along either side of the transect center line, resulting in a total transect width of 20 meters (~ 66 feet).
4. Slick spots observed on or adjacent to each transect will be recorded on topographic maps or remote imagery (e.g. aerial photos, NAIP) with a minimum scale of 1:12,000 or a using a standard BLM GPS data dictionary. Slick spot complexes can be recorded as a single GPS point taken in the center of the cluster with an approximation of the complex size (<0.1 acre, 0.1-0.5 acre, 0.5-1 acre, >1 acre). If slick spots occur in very low density, single slick spots would be recorded separately. Slick spot density can be estimated upon completion of inventory for the section or polygon (e.g. X slick spots/acre). All GPS data will be collected in NAD83 per BLM and Service standards.
5. General transect physical and biological characteristics (topography, soil type, plant community) will be noted for each transect upon completion of that transect. These observations should be compiled for groups of transects to describe the broader inventory area.
6. If slick spots are observed in an area, a 0.5 mile habitat integrity zone surrounding the slick spots shall be established. This habitat integrity zone allows for potential conservation or restoration of native habitat to provide for insect pollinators. Both the 0.5 mile habitat integrity zone and the ¼ sections documented as containing slick spots shall be re-classified as slickspot peppergrass habitat and outlined in blocks to minimize fragments. This will be done to avoid re-classification of potential habitat into isolated islands of non-habitat or slickspot peppergrass habitat.
7. Areas with documented slick spots will be required to undergo Stage 2 and, if necessary, Stage 3 inventory to determine the presence or absence of the species, if not detected during Stage 1 inventory.

8. If no slick spots are observed within a ¼ section of potential habitat or within 0.5 mile of that ¼ section, then that ¼ section will be re-classified as non-habitat. Otherwise stated, areas lacking slick spots can be redefined as non-habitat unless they are part of a habitat buffer.
9. Areas identified as non-habitat will be removed from the current potential habitat GIS layer under the supervision of the field office botanist, who will serve as the data steward for this layer. GIS layers for potential habitat, slickspot peppergrass habitat (lacking Stage 2 and 3 inventory or unoccupied), and occupied habitat will be updated to reflect these changes on an annual basis.
10. Ground-truthed image analysis of fine-scale remote imagery can be used to determine areas with the highest potential for slickspot peppergrass habitat. Image analysis should not be used for determining slick spot absence.

C. Stage 2 and 3 Inventory

Stage 2 and 3 inventories are performed to determine the presence or absence of slickspot peppergrass in known slick spots, as identified through Stage 1 inventory.

Stage 2 Inventory

1. Areas identified as containing slick spots would be inventoried using the methods and transect lines described for Stage 1, if slickspot peppergrass plants were not detected during Stage 1 inventory. Transect physical and biological characteristics do not need to be recorded again unless significant ecological changes due to disturbances such as fire have occurred or 12 or more years have passed since the previous inventory. The recommended time period for Stage 2 and Stage 3 inventories is May 1 – September 30 to maximize potential for detection of slickspot peppergrass plants.
2. If slickspot peppergrass plants are detected, occupied slick spots or clusters of occupied slick spots will be documented using a standard GPS data dictionary. Attribute data collected for occupied slick spots will be consistent with the most recent version of the Idaho Natural Heritage Program Rare Plant Observation Report form (<http://fishandgame.idaho.gov/cms/tech/CDC/report.cfm>).
3. If a slick spot or slick spot complex is determined to be occupied, a habitat integrity zone will be established around the occupied area as described in Step 6 for Stage 1 inventory above and the area will be reclassified from potential habitat (if no previous Stage 1 inventory) or slickspot peppergrass habitat (if there was previous Stage 1 inventory) to occupied habitat.
4. If a slick spot is determined through Stage 2 inventory to be unoccupied, then Stage 3 inventory is required.

Stage 3 Additional Plant Inventory

1. Repeat Stage 2 plant inventory as often as necessary to determine if slickspot peppergrass plants were or were not found at least once in three years of inventory where spring rainfall is at least 60 percent of "average" spring precipitation (March-May) within the current range of the species. For the Boise area, this would be approximately 2.4 inches (NOAA precipitation data, 1971-2009); for the Three Creek area, this would be approximately 2.5 inches (NOAA precipitation data, 1940-1987); for the Glens Ferry area this would be about 1.4 inches (NOAA precipitation data, 1948-2006).

See <http://www.wrcc.dri.edu/summary/climsmid.html> for Idaho climate summaries.

2. An area containing slick spots may be determined not to contain slickspot peppergrass after three years of inventory where spring rainfall is at least 60 percent of "average" spring precipitation (March-May; about 2.5 inches) within the current range of the species. These areas will continue to be classified as slickspot peppergrass habitat, but will be reclassified as unoccupied. The 0.5 mile habitat integrity zone can be dropped for unoccupied slickspot peppergrass habitat.

D. Inventory Reporting Requirements:

A report that contains the results of Stage 1, Stage 2, and Stage 3 inventories will be submitted annually to the Idaho Fish and Wildlife Office. This report should include the following components:

1. A general description of the physical and biological setting of the inventoried areas, including topography, soils, and plant communities.
2. A description of current and historic land uses of the inventoried areas.
3. A discussion of inventory results.
4. A table summarizing transects inventoried, inventory dates for each transect, name of person performing the inventory, and presence or absence of slick spots and slickspot peppergrass for each transect.
5. A list of people performing the inventories and their qualifications.
6. GIS data for inventoried areas, including locations of unoccupied and occupied slick spots or slick spot complexes should be included as shapefiles. The attribute table for the slick spot shapefile should contain information on surrounding vegetation and presence or absence of slickspot peppergrass. Metadata must satisfy FDGC requirements.

7. A copy of the GIS data and Rare Plant Report Forms for occupied slick spots would be submitted to the Idaho Natural Heritage Program for inclusion in their databases.

E. Project Clearances

Clearances for slick spot habitat will be conducted using intuitive-controlled surveys using Fish and Wildlife Service Rare Plant Inventory Guidelines. For large projects, the inventory methods described above in section B may be used at the discretion of the BLM botanist. In addition to mapping slickspot peppergrass plant populations, surveyors are also required to map locations of slick spot habitat. If slick spots are found, section 7 consultation will be required unless 3 years of inventory determine that the slick spots are unoccupied.

See Section D above for reporting requirements. In addition, project clearances will include a full botanical inventory, consistent with the Service's Rare Plant Inventory Guidelines. All plants observed within the inventory area will be identified to a taxonomic level which allows rarity to be determined. The average percent cover of biological soil crust for slick spots within the project area will be estimated. Rare non-vascular plants should also be recorded. A comprehensive list of plants by plant community will be compiled for the project.

Attachment 1

RARE PLANT INVENTORY GUIDELINES U.S. Fish and Wildlife Service Idaho Fish and Wildlife Office

(March 2001, with minor edits on 5/12/10)

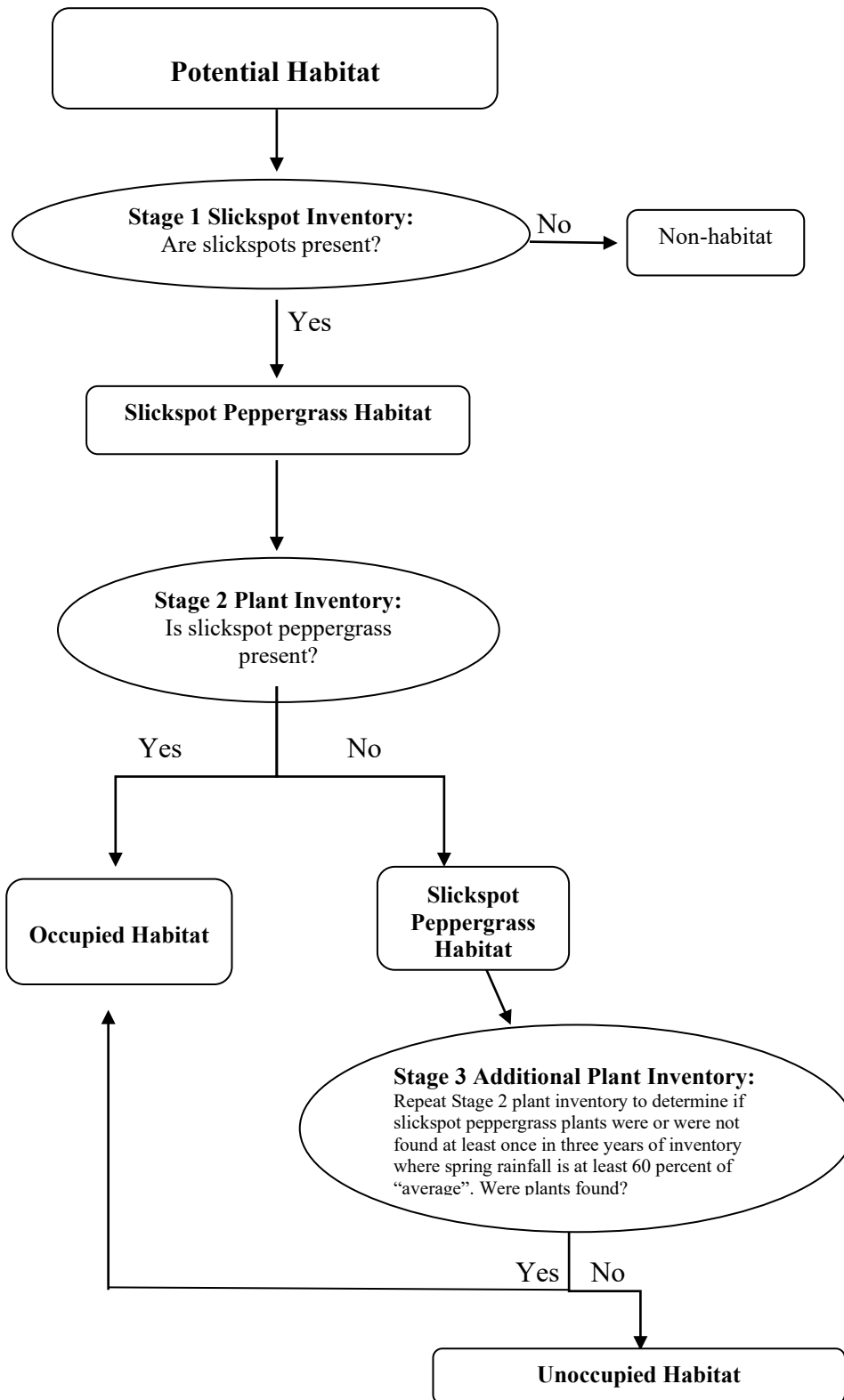
These guidelines describe protocols for conducting botanical inventories for Federally listed, proposed and candidate plants, and describe minimum standards for reporting results. The Service will use the information outlined below: 1) to assist in determining whether proposed project(s) may affect any listed, proposed, or candidate plants, and 2) to evaluate the direct, indirect, and cumulative effects associated with the project(s) under consideration.

Field inventories should be conducted in a manner that will locate listed, proposed, or candidate species (i.e., target species) that may be present. Field inventories should be conducted by qualified botanist(s) familiar with the target species. The entire project area requires a botanical inventory, except developed agricultural lands. The field investigator(s) should:

- I. Conduct inventories at the appropriate time of year when target species are present and identifiable. Inventories will include all potential habitats. Multiple site visits during a field season may be necessary to make observations during the appropriate phenological stage of all target species.
2. If available, use a regional or local reference population to obtain a visual image of the target species and associated habitat(s). If access to reference populations(s) is not available, investigators should study specimens from local herbaria.
3. List every plant species observed and compile a comprehensive list of plants for the entire project site. Vascular plants need to be identified to a taxonomic level which allows rarity to be determined. Nonvascular plants (e.g., cryptogams) can also be included if rarity and/or ecosystem function is a concern.
4. A report that contains the results of botanical field inventories should be submitted to the Idaho Fish and Wildlife Office (IFWO). This report should include:
 - a. a description of the biological setting, including plant community, topography, soils, potential habitat of target species, and an evaluation of environmental conditions, such as timing or quantity of rainfall, which may influence the performance and expression of target species
 - b. a map of the project location with a legal description of the site (showing scale, orientation, project boundaries, parcel size, and quadrangle name)
 - c. survey dates and survey methodology(ies)
 - d. maps showing the specific route(s) traveled through the survey area
 - e. if a reference population is available, provide a written narrative describing the target species reference population(s) used, and date(s) when observations were made
 - f. a comprehensive list of all vascular plants occurring on the project site for each habitat type

- g. current and historic land uses of the habitat(s) and degree of site alteration
 - h. presence of target species off-site on adjacent parcels, if known
 - i. an assessment of the biological significance or ecological quality of the project site in a local and regional context
 - j. names and qualifications of all surveyors
5. If target species is (are) found, the following information should also be included in the report:
 - a. a map showing Federally listed, proposed and candidate species distribution as they relate to the proposed project.
 - b. if target species are associated with wetlands, a description of the direction and integrity of flow of surface hydrology. If target species are affected by adjacent off-site hydrological influences, describe these factors.
 - c. the target species phenology and microhabitat, an estimate of the number of individuals of each target species per unit area; identify areas of high, medium and low density of target species over the project site, and provide acres of occupied habitat of target species. Investigators could provide color slides or photos of target species or representative habitats to support information or descriptions contained in reports.
 - d. the degree of impact(s), if any, of the proposed project as it relates to the occupied (or potential unoccupied) habitat of target species.
 6. Document findings of target species by completing a Rare Plant Observation Report and submitting copies to the Idaho Conservation Data Center or Oregon Natural Heritage Program, as appropriate. Documentation of determinations and/or voucher specimens may be useful in cases of taxonomic ambiguities, habitat or range extensions.
 7. Report as an addendum to the original survey, any change in abundance and distribution of target plants in subsequent years. Project sites with inventories older than 1 year from the current date will likely need additional surveys. Investigators should consult with the Service to assess whether additional surveys are needed.
 8. Adverse or unforeseen conditions may prevent investigator(s) from determining the presence of and/or identifying target species. Disease, drought, predation, or herbivory may influence the presence or identification of target species in any year. In some cases, additional botanical inventories in subsequent years may be required. Investigator(s) should discuss such conditions, if applicable, for specific target species and/or project sites.
 9. For listed plant species, consult the IFWO's Section 7 guidelines for additional species specific information on phenology, threats, potential habitat, etc.

Figure 1. Inventory flowchart for slickspot peppergrass. See text for detailed descriptions of individual steps and Attachment 1 for habitat definitions.



Attachment 2. Habitat definitions for slickspot peppergrass¹

Potential habitat: Areas within the known range of slickspot peppergrass with general soil and elevation characteristics that indicate the potential for the area to support the species, although the presence of slick spots or slickspot peppergrass plants is unknown. Areas identified as potential habitat meet the following criteria:

- 1) Soils contain natric and natric-like soils which form “slick spots.” These occur within Loamy 7- to 10-inch and 10- to 13-inch Wyoming big sagebrush ecological sites on the Snake River Plains and Owyhee High Plateau. The soil moisture regime is aridic bordering on xeric.
- 2) The areas occur at about 2,200 to 5,400 feet elevation.

The use of the term “potential habitat” acknowledges the potential for an area to support slickspot peppergrass based on general characteristics, even though uncertainty remains because of the lack of site-specific habitat information. In the absence of Stage 1 inventory, areas that contain potential habitat should be treated as though they contain slickspot peppergrass or its habitat (slick spots).

Slickspot Peppergrass Habitat: Areas that meet the criteria for potential habitat and contain slick spots. Slickspot peppergrass habitat can be classified as occupied or unoccupied:

Occupied Habitat: Areas where slickspot peppergrass populations occur; occupied habitat includes a 0.5 mile habitat integrity zone buffering populations.

Unoccupied Habitat: Slickspot peppergrass habitat where the presence of slickspot peppergrass plants has not been detected through Stage 2 and 3 inventory (see section C).

Non-habitat: Areas that do not contain slick spots, or slick spots do not have the proper soil characteristics to support slickspot peppergrass.

¹Adapted from: U.S. Bureau of Land Management. 2009. Biological Assessment for Slickspot Peppergrass (*Lepidium papilliferum*): Jarbidge and Four Rivers Field Offices, Land Use Plans and Ongoing Actions.

From: [Cara Mahler](#)
To: [David Abrahamson](#)
Cc: [Suzy Cavanagh \(suzy.cavanagh@hdrinc.com\)](#); [Mitra Mehta-Cooper](#); [Kacey Ramsauer](#); [angie@ewsid.com](#); [arg@elamburke.com](#)
Subject: Re: CUP-2024-18 Crimson Orchard
Date: Thursday, September 5, 2024 12:48:17 PM
Attachments: [image001.png](#)
[image002.png](#)

Hi David,

Just letting you know I have received this inquiry and am in the process of obtaining answers.

Thanks,

Cara Mahler | Project Developer

Clēnera - an Enlight Company

999 W. Main St., Suite 800 | Boise, Idaho 83702

PO Box 2576 | Boise, Idaho 83701

Direct: 208-639-3232 ext. 145

Mobile: 208-954-0269

www.clenera.com

IMPORTANT NOTE: *Clenera, LLC (“Clēnera”), a subsidiary of Enlight Renewable Energy, LTD, is a developer of utility-scale solar energy facilities. Clēnera also serves as an independent advisor and service provider to participants in the solar renewable industry. Clēnera and its employees do not act as agents, or as legal or tax counsel or advisors, on behalf of its clients. Clients should obtain advice from their own independent legal and tax advisors in connection with all transactions. Nothing contained in this email shall be construed as legal or tax advice from Clēnera or its employees. Privileged and Confidential information may be contained in this message and any attachments hereto may be subject to legal and proprietary privilege. Access to this e-mail by anyone other than the intended recipient is unauthorized. If you are not the intended recipient (or responsible for delivery of the message to such person), you may not use, copy, distribute or deliver to anyone this message (or any part of its contents) or take any action in reliance on it. If you have received this email in error, please notify Clēnera immediately by e-mail or telephone and delete the e-mail from your information technology system.*

From: David Abrahamson <dabrahamson@elmorecounty.org>

Date: Wednesday, September 4, 2024 at 11:03 AM

To: Cara Mahler <cara.mahler@clenera.com>

Cc: Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>, Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>, Kacey Ramsauer <kramsauer@elmorecounty.org>, angie@ewsid.com <angie@ewsid.com>, arg@elamburke.com <arg@elamburke.com>

Subject: CUP-2024-18 Crimson Orchard

Good morning, Cara. Hope you had a great weekend.

Can I get a description of how you will connect to the Danskin 230 kV substation. Will you be using above ground 230kV line and structures, or underground, or? This is in relation to 7-2-103, A.9 tower and structure height restrictions. As proposed in their application you don't mention how you will connect to Danskin substation (i.e. will there be 230 kV towers subject to the height restriction)?

Thank you,

David Abrahamson
Planner 1
520 E 2nd St.
Mountain Home, Idaho 83647
208-587-2142 ext 1269
208-598-5247 (cell)





Elmore County Transmittal
Division of Community and Environmental Health

RETURN TO

Elmore Co
Land Use &
Building Dept

Rezone # _____

Conditional Use # Crosson Orchard Solar

Preliminary / Final / Short Plat _____

Mtn Home

Glens Ferry

- 1 We have No Objections to this Proposal.
- 2 We recommend Denial of this Proposal
- 3 Specific knowledge as to the exact type of use must be provided before we can comment on this Proposal
- 4 We will require more data concerning soil conditions on this Proposal before we can comment
- 5 Before we can comment concerning individual sewage disposal we will require more data concerning the depth of
 - high seasonal ground water waste flow characteristics
 - bedrock from original grade other _____
- 6 This office may require a study to assess the impact of nutrients and pathogens to receiving ground waters and surface waters.
- 7 This project shall be reviewed by the Idaho Department of Water Resources concerning well construction and water availability
- 8 After written approvals from appropriate entities are submitted we can approve this proposal for:
 - central sewage community sewage system community water well
 - interim sewage central water
 - individual sewage individual water
- 9 The following plan(s) must be submitted to and approved by the Idaho Department of Environmental Quality
 - central sewage community sewage system community water
 - sewage dry lines central water
- 10 This Department would recommend deferral until high seasonal ground water can be determined if other considerations indicate approval
- 11 If restroom facilities are to be installed, then a sewage system MUST be installed to meet Idaho State Sewage Regulations
- 12 We will require plans be submitted for a plan review for any
 - food establishment swimming pools or spas child care center
 - beverage establishment grocery store
- 13 Infiltration beds for storm water disposal are considered shallow injection wells An application and fee must be submitted to CDH

14 CDM has no objection to this proposal.

Reviewed By Brian Cooper

Date 9/3/24



August 29, 2024

Elmore County Planning and Zoning,

After looking over the documents provided by Elmore County, the City of Mountain Home Planning and Zoning has no comments for the Crimson Orchard Solar Project.

Thank You,

Nicole Coffey

City Planner
City of Mountain Home



September 10, 2024

David Abrahamson, Planner 1
Elmore County
520 E 2nd St.
Mountain Home Idaho 83647
dabrahamson@elmorecounty.org

Subject: CUP-2024-18 / Solar Farm

Dear Mr. Abrahamson:

Thank you for the opportunity to respond to your request for comment. While DEQ does not review projects on a project-specific basis, we attempt to provide the best review of the information provided. DEQ encourages agencies to review and utilize the Idaho Environmental Guide to assist in addressing project-specific conditions that may apply. This guide can be found at: <https://www.deq.idaho.gov/public-information/assistance-and-resources/outreach-and-education/>.

The following information does not cover every aspect of this project; however, we have the following general comments to use as appropriate:

1. AIR QUALITY

- Please review IDAPA 58.01.01 for all rules on Air Quality, especially those regarding fugitive dust (58.01.01.651), and trade waste burning (58.01.01.600-617).
- For new development projects, all property owners, developers, and their contractor(s) must ensure that reasonable controls to prevent fugitive dust from becoming airborne are utilized during all phases of construction activities per IDAPA 58.01.01.651.
- DEQ recommends the city/county require the development and submittal of a dust prevention and control plan for all construction projects prior to final plat approval. Dust prevention and control plans incorporate appropriate best management practices to control fugitive dust that may be generated at sites.
- Citizen complaints received by DEQ regarding fugitive dust from development and construction activities approved by cities or counties will be referred to the city/county to address under their ordinances.

- IDAPA 58.01.01.600-617, the open burning of any construction waste is prohibited. The property owner, developer, and their contractor(s) are responsible for ensuring no prohibited open burning occurs during construction.

For questions, contact David Luft, Air Quality Manager, at (208) 373-0550

2. WASTEWATER AND RECYCLED WATER

- DEQ recommends verifying that there is adequate sewer to serve this project prior to approval. Please contact the sewer provider for a capacity statement, declining balance report, and willingness to serve this project.
- IDAPA 58.01.16 and IDAPA 58.01.17 are the sections of Idaho rules regarding wastewater and recycled water. Please review these rules to determine whether this or future projects will require DEQ approval. IDAPA 58.01.03 is the section of Idaho rules regarding subsurface disposal of wastewater. Please review this rule to determine whether this or future projects will require permitting by the district health department.
- All projects for construction or modification of wastewater systems require preconstruction approval. Recycled water projects and subsurface disposal projects require separate permits as well.
- DEQ recommends that projects be served by existing approved wastewater collection systems or a centralized community wastewater system whenever possible. Please contact DEQ to discuss potential for development of a community treatment system along with best management practices for communities to protect ground water.
- DEQ recommends that cities and counties develop and use a comprehensive land use management plan, which includes the impacts of present and future wastewater management in this area. Please schedule a meeting with DEQ for further discussion and recommendations for plan development and implementation.

For questions, contact Valerie Greear, Water Quality Engineering Manager at (208) 373-0550.

3. DRINKING WATER

- DEQ recommends verifying that there is adequate water to serve this project prior to approval. Please contact the water provider for a capacity statement, declining balance report, and willingness to serve this project.
- IDAPA 58.01.08 is the section of Idaho rules regarding public drinking water systems. Please review these rules to determine whether this or future projects will require DEQ approval.
- All projects for construction or modification of public drinking water systems require preconstruction approval.
- DEQ recommends verifying if the current and/or proposed drinking water system is a regulated public drinking water system (refer to the DEQ website at: <https://www.deq.idaho.gov/water-quality/drinking-water/>). For non-regulated systems, DEQ recommends annual testing for total coliform bacteria, nitrate, and nitrite.
- If any private wells will be included in this project, we recommend that they be tested for total coliform bacteria, nitrate, and nitrite prior to use and retested annually thereafter.

- DEQ recommends using an existing drinking water system whenever possible or construction of a new community drinking water system. Please contact DEQ to discuss this project and to explore options to both best serve the future residents of this development and provide for protection of ground water resources.
- DEQ recommends cities and counties develop and use a comprehensive land use management plan which addresses the present and future needs of this area for adequate, safe, and sustainable drinking water. Please schedule a meeting with DEQ for further discussion and recommendations for plan development and implementation.

For questions, contact Valerie Greear, Water Quality Engineering Manager at (208) 373-0550.

4. SURFACE WATER

- Please contact DEQ to determine whether this project will require an Idaho Pollutant Discharge Elimination System (IPDES) Permit. A Multi-Sector General Permit from DEQ may be required for facilities that have an allowable discharge of stormwater or authorized non-storm water associated with the primary industrial activity and co-located industrial activity.

For questions, contact James Craft, IPDES Compliance Supervisor, at (208) 373-0144.

- If this project is near a source of surface water, DEQ requests that projects incorporate construction best management practices (BMPs) to assist in the protection of Idaho's water resources. Additionally, please contact DEQ to identify BMP alternatives and to determine whether this project is in an area with Total Maximum Daily Load stormwater permit conditions.
- The Idaho Stream Channel Protection Act requires a permit for most stream channel alterations. Please contact the Idaho Department of Water Resources (IDWR), Western Regional Office, at 2735 Airport Way, Boise, or call (208) 334-2190 for more information. Information is also available on the IDWR website at: <https://idwr.idaho.gov/streams/stream-channel-alteration-permits.html>
- The Federal Clean Water Act requires a permit for filling or dredging in waters of the United States. Please contact the US Army Corps of Engineers, Boise Field Office, at 10095 Emerald Street, Boise, or call 208-345-2155 for more information regarding permits.

For questions, contact Lance Holloway, Surface Water Manager, at (208) 373-0550.

5. SOLID WASTE, HAZARDOUS WASTE AND GROUND WATER CONTAMINATION

- **Solid Waste.** No trash or other solid waste shall be buried, burned, or otherwise disposed of at the project site. These disposal methods are regulated by various state regulations including Idaho's Solid Waste Management Regulations and Standards (IDAPA 58.01.06), Rules and Regulations for Hazardous Waste (IDAPA 58.01.05), and Rules and Regulations for the Prevention of Air Pollution (IDAPA 58.01.01). Inert and other approved materials are also defined in the Solid Waste Management Regulations and Standards
- **Hazardous Waste.** The types and number of requirements that must be complied with under the federal Resource Conservation and Recovery Act (RCRA) and the Idaho Rules and Standards for Hazardous Waste (IDAPA 58.01.05) are based on the quantity and type of waste generated. Every business in Idaho is required to track the volume of waste generated, determine whether each type of waste is hazardous, and ensure that all wastes are properly disposed of according to federal, state, and local requirements.

- **Water Quality Standards.** Site activities must comply with the Idaho Water Quality Standards (IDAPA 58.01.02) regarding hazardous and deleterious-materials storage, disposal, or accumulation adjacent to or in the immediate vicinity of state waters (IDAPA 58.01.02.800); and the cleanup and reporting of oil-filled electrical equipment (IDAPA 58.01.02.849); hazardous materials (IDAPA 58.01.02.850); and used-oil and petroleum releases (IDAPA 58.01.02.851 and 852). Petroleum releases must be reported to DEQ in accordance with IDAPA 58.01.02.851.01 and 04. Hazardous material releases to state waters, or to land such that there is likelihood that it will enter state waters, must be reported to DEQ in accordance with IDAPA 58.01.02.850.
- **Ground Water Contamination.** DEQ requests that this project comply with Idaho's Ground Water Quality Rules (IDAPA 58.01.11), which states that "No person shall cause or allow the release, spilling, leaking, emission, discharge, escape, leaching, or disposal of a contaminant into the environment in a manner that causes a ground water quality standard to be exceeded, injures a beneficial use of ground water, or is not in accordance with a permit, consent order or applicable best management practice, best available method or best practical method."

For questions, contact Rebecca Blankenau, Waste & Remediation Manager, at (208) 373-0550.

6. ADDITIONAL NOTES

- If an underground storage tank (UST) or an aboveground storage tank (AST) is identified at the site, the site should be evaluated to determine whether the UST is regulated by DEQ. EPA regulates ASTs. UST and AST sites should be assessed to determine whether there is potential soil and ground water contamination. Please call DEQ at (208) 373-0550, or visit the DEQ website <https://www.deq.idaho.gov/waste-management-and-remediation/storage-tanks/leaking-underground-storage-tanks-in-idaho/> for assistance.
- If applicable to this project, DEQ recommends that BMPs be implemented for any of the following conditions: wash water from cleaning vehicles, fertilizers and pesticides, animal facilities, composted waste, and ponds. Please contact DEQ for more information on any of these conditions.

We look forward to working with you in a proactive manner to address potential environmental impacts that may be within our regulatory authority. If you have any questions, please contact me, or any of our technical staff at (208) 373-0550.

Sincerely,



Aaron Scheff
Regional Administrator

c:

2021AEK

From: [Alan Roberts](#)
To: [David Abrahamson](#)
Subject: RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
Date: Wednesday, August 28, 2024 4:27:42 PM
Attachments: [image004.png](#)
[image005.png](#)

Approve of design only, Concern as always with access during and after construction has finished.
Detailed access plans will need to be reviewed
Sincerely

Alan Roberts

Emergency Services Director
Elmore Ambulance Elmore Rescue
Mountain Home, ID 83647
208-941-2423
aroberts@elmorecounty.org



From: David Abrahamson <dabrahamson@elmorecounty.org>
Sent: Wednesday, August 28, 2024 1:44 PM
To: Mike Hollinshead <mhollinshead@elmorecounty.org>; Greg Berry <gberry@elmorecounty.org>; elmorecountyedpro@gmail.com; bcopes@cdh.idaho.gov; bro.admin@deq.idaho.gov; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; Claxton, Lisa A <lclaxton@blm.gov>; llasuen@earthlink.net; Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; flo.ghighina@itd.idaho.gov; Alan Roberts <aroberts@elmorecounty.org>; breed@mountain-home.us; zlathim@idl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; Justin Wootan <wootanj@gmail.com>; fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; d3development.services@itd.idaho.gov; Dennis.c.stitt.mil@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>; georgia.clark@us.af.mil; Nicole Coffey <nnutting@mountain-home.us>; Brenda Ellis <bellis@mountain-home.us>; Christopher Curtis <ccurtis@mountain-home.us>; mitchell.vermeer@isda.idaho.gov; Flack,Brandon <brandon.flack@idfg.idaho.gov>; marissa.warren@oer.idaho.gov; shsshpo@ishs.idaho.gov; colleenmoulton@fws.gov
Cc: angie@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>; arg@elamburke.com; Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>
Subject: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

Here is an application from Clenera to build a solar farm called Crimson Orchard. They are looking to build solar panels with a battery storage area on 775 acres by Exit 90 and north of I84 up past Mashburn Rd.

Can you please review and send me your comments no later than September 17th, 2024.

If you have any questions do not hesitate to contact me.

Sincerely,

David Abrahamson
Planner 1
520 E 2nd St.
Mountain Home, Idaho 83647
208-587-2142 ext 1269
208-598-5247 (cell)





Federal Aviation Administration

Memorandum

Date: December 18, 2017

To: All Regional Airports Division Managers

A handwritten signature in black ink, appearing to read "Khalil E. Kodsi".

From: Khalil E. Kodsi, P.E. PMP, Manager, Airport Engineering Division, AAS-100

Subject: INFORMATION: Engineering Brief No. 98, Infrared Specifications for Aviation Obstruction Light Compatibility with Night Vision Goggles (NVGs)

This Engineering Brief (EB) 98 provides information about the interaction of Light Emitting Diodes (LEDs) used in obstruction lighting fixtures with Night Vision Imaging Systems (NVIS) on board both rotary and fixed-wing aircraft. In addition, this engineering brief proposes performance specifications for infrared (IR) emitters to be added to or used in conjunction with LED L-810, L-864 and L-885 obstruction light fixtures to ensure compatibility with Night Vision Goggles (NVGs) with a Class B filter.

Attachment.



**FAA
Airports**

ENGINEERING BRIEF NO. 98

Infrared Specifications for Aviation Obstruction Light Compatibility with Night Vision Goggles (NVGs)

1.0. Purpose.

This Engineering Brief (EB) 98 provides information about the interaction of Light Emitting Diodes (LEDs) used in obstruction lighting fixtures with Night Vision Imaging Systems (NVIS) on board both rotary and fixed-wing aircraft. In addition, this engineering brief provides performance specifications for infrared (IR) emitters to be added to or used in conjunction with LED L-810, L-864 and L-885 obstruction light fixtures to ensure compatibility with Night Vision Goggles (NVGs) with a Class B filter. These changes are necessary in order to address the concern that certain LED obstruction lighting systems fall outside the combined visible and near-infrared spectrum of NVGs with a Class B filter.

2.0. Background.

The use of NVGs is increasing in civilian aviation to conduct search-and-rescue, emergency medical transport, and other flight operations. The use of NVIS can function to increase pilot situational awareness. However, the Federal Aviation Administration (FAA) has found that with the gradual replacement of incandescent obstruction light fixtures with LED light fixtures, some pilots using NVGs are unable to acquire red-colored LED obstruction lights due to the light generated being outside of the combined visible and near-infrared spectrum of NVGs with objective lens filters.

NVIS definition: A night vision imaging system is an optical instrument that allows images to be produced in levels of light approaching total darkness. NVGs constitute one component of a NVIS. NVGs in aviation are designed to be used for flying at night, primarily during Visual Meteorological Conditions (VMC). They are mounted in a binocular form on a pilot's helmet. The term usually refers to a complete unit, including an image intensifier tube, a protective water-resistant housing, and mounting system.

The potential problem:

Pilots using NVIS equipment that filter the adverse effects of cockpit lighting might not be able to see LED-based obstruction lighting. The preceding could result in a safety hazard to both the pilot and ground personnel. NVGs function by amplifying ambient light, allowing the pilot to better see terrain and other potential hazards in dark or overcast conditions. NVGs help pilots maintain spatial orientation and general situational awareness.

LED-based lighting has largely replaced incandescent technology for red (and some white) obstruction lighting because of its reduced maintenance requirements and extended service life. Traditionally, NVIS systems were built to detect the high short wave IR emission of incandescent-based lights – this facilitated easy detection despite the presence of filters for the aircraft cockpit/avionics lighting. This is no longer true with LEDs which have little IR emission. In addition, LEDs have a relatively narrow band of spectral emission. The same cockpit lighting filters used to block red emission from the cockpit lighting may prevent the pilot from seeing LED obstruction and aviation ground lighting.

3.0. Application.

The Federal Aviation Administration (FAA) requires that the guidance in this EB be used with the other applicable documents listed in Section 6.

4.0. Description.

This EB describes the interaction of LEDs used in obstruction lighting fixtures with NVIS and provides specifications to facilitate the addition of IR emitters to L-810, L-864 and L-885 LED-based obstruction lights in order to ensure compatibility with NVIS.

5.0. Effective Date.

This EB will be effective after signature by the Manager of FAA Airport Engineering Division, AAS-100.

6.0 Applicable Documents.

a. Federal Aviation Administration (FAA)

AC 150/5345-43, *Specification for Obstruction Lighting Equipment*

AC 70/7460-1, *Obstruction Marking and Lighting*

7.0. Current Obstruction Lighting Standards and NVG Spectrum Requirements

The FAA currently has in place standards and recommended practices for the marking and lighting of obstructions. Generally, obstructions include structures with heights of 200 ft. above ground level (AGL) or greater, and structures on, or in the vicinity of airports.

7.1 L-810, L-864 and L-885 Obstruction Lighting Fixtures

Aviation red obstruction lights are used to increase conspicuity of obstructions during nighttime. The red obstruction light system is composed of flashing omnidirectional lights (L-864 and L-885) and/or steady-burning or flashing (L-810) lights. Recommendations on lighting structures can vary, depending on terrain features, weather patterns, geographic location, and number of structures. Specific guidance and installation criteria for obstruction lighting equipment are found in AC 70/7460-1, *Obstruction Marking and Lighting*.

AC 70/7460-1 recommends obstruction avoidance safety margins:

“A pilot in an aircraft flying at a speed of 165 kt (190 mph/306 kph) or less should be able to see obstruction lights in sufficient time to avoid the structure by at least 2,000 feet (610 m) horizontally under all conditions of operation, provided the pilot is operating in accordance with 14 CFR Part 91. Pilots operating 250 kt (288 mph/463 kph) aircraft should be able to see the obstruction lights unless the

weather deteriorates to 1 statute mile (1.6 km) visibility at night, during which time period 2,000 candelas enables the light to be seen at 1.2 statute miles (SM) (1.9 km)”.

AC 70/7460-1 notes that the 2,000-foot avoidance distance was intended to protect aircraft from collision with guy wires utilized on 2,000-foot structures:

“The guy wires at a 45-degree angle would be at a distance of 1,500 feet from the structure at a 500-foot elevation. Since the aircraft is to be 500 feet clear of obstacles (the guy wire), the distance of avoidance from the structure is $1,500 + 500 = 2,000$ feet.”

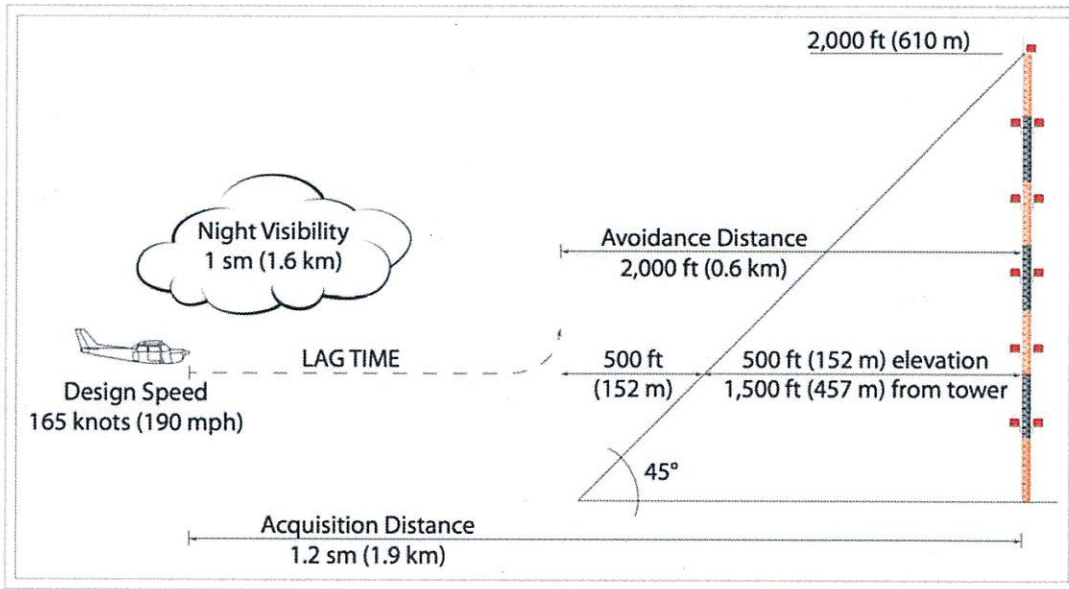


Figure 1. Illustration of Acquisition Distance Calculation

The acquisition and avoidance distances of pilots using NVG with LED based obstruction lights with an IR emitter should meet or exceed the nighttime acquisition distances of pilots without the aid of NVG. A L-810 fixture with an IR emitter should be acquired at a minimum distance of 1.4 SM and a L-864/L-885 fixture should be acquired at a minimum distance of 3.1 SM.

7.2 NVG Operation

The use of NVGs enables a pilot to improve his/her situational awareness during nighttime VMC. NVGs function by amplifying ambient light through a process of image intensification. Using NVGs in dark conditions, pilots can see the terrain and perform flight operations.



Figure 2. Example of View from NVG

NVGs consist of three main components: the eyepiece lenses, the objective lenses, and the image intensifier tubes, as shown in figure 3. The design and configuration of these components determine the overall performance of the NVGs. The image intensifier tubes generally are the most critical component determining image clarity, though the eyepiece and objective lenses can also affect performance.

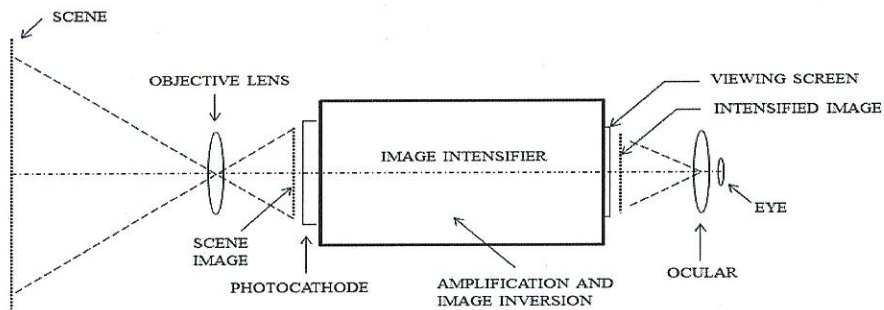


Figure 3. NVG Image Intensifier and Optical Components

Current NVGs are sensitive to light with wavelengths between approximately 450 nanometers (nm) and 920 nm. This range overlaps the visible spectrum of light (approximately 390 nm to 700 nm). If the visible light in the cockpit is not effectively filtered by the NVGs, the automatic gain control of the NVGs will be activated and will potentially reduce the visual acuity of the pilot.

As a result, filters are installed on the objective lenses of the NVGs. NVG filters currently in use include Class A, Class B, and Class C. Class A filters restrict wavelengths below 625 nm from being viewed by the NVG, allowing the use of blue, green, and yellow lighting to be used in the cockpit. Class B filters restrict lighting with wavelengths below 665 nm from being viewed by NVG, allowing the use of some red lighting in cockpit displays. Class C filters, also known as “leaky green” filters, also restrict light wavelengths below 665 nm, with the exception of a limited amount of green for a heads up display.

Class A NVG filters can view colors with wavelengths 625 nm and above, and Class B filters can view colors with wavelengths of 665 nm and above. However, because red LED obstruction lights have a limited emission range (approximately 620 nm to 645 nm) as shown in Figure 4, some red LEDs may have limited visibility using Class A filters and no visibility using Class B filters.

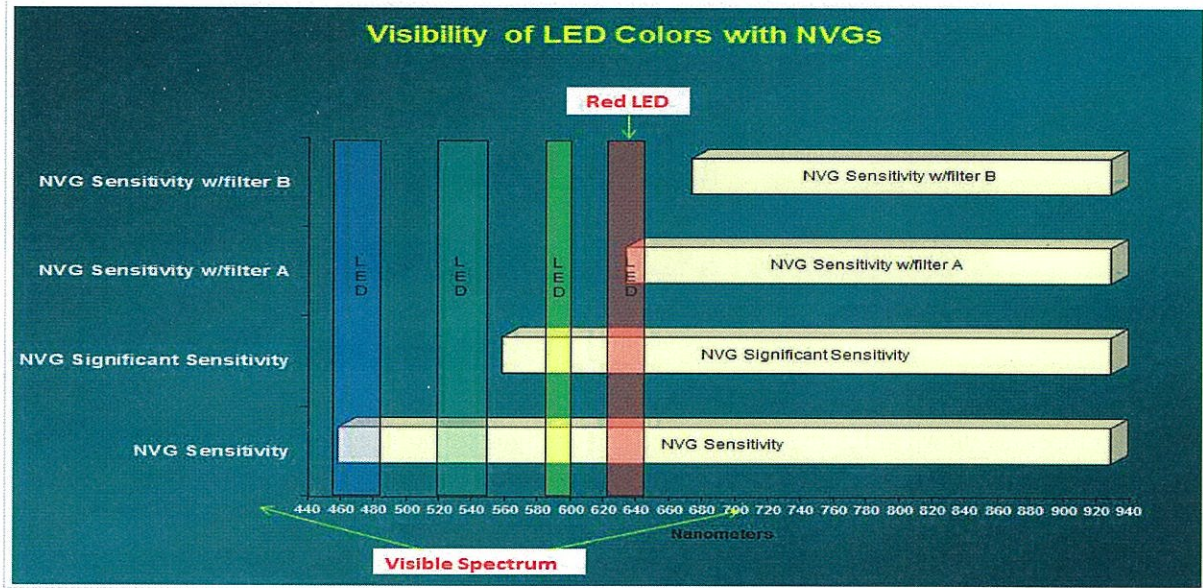


Figure 4. Visibility of LED Colors with NVG

8.0 Proposed Infrared Specifications for LED Obstruction Lights

In order to be NVG compatible, LED-based L-810, L-864 and L-885 obstruction light fixtures must include IR emitters or be used in conjunction with a standalone IR emitter. The IR emitters are to be on whenever the visible light is energized and off whenever the visible light is de-energized. IR specifications are stated below to resolve the issues precluding the acquisition of LED obstruction light fixtures by pilots using NVGs with a Class B filter.

8.1 Output Wavelength

The nominal IR output wavelength is 800-900 nm. This range coincides with the nominal spectral response range of NVGs, ensuring the fixtures will be visible by all current NVGs regardless of the class of objective lens filter used.

8.2 Beam Width

For LED-based L-810, L-864 and L-885 light fixtures, the vertical radiometric requirements of the IR radiation are to be identical to the existing FAA requirements in AC 150/5345-43 for the photometric beam width and distribution of the visible light. Therefore, the vertical beam width of IR emitters included in a LED-based L-810 light fixture or used in conjunction with a LED-based L-810 light fixture is minimum 10°, centered between +4 and +20°. The vertical beam width of IR emitters included in a LED-based L-864 and L-885 fixture or used in conjunction with a LED-based L-864 and L-885 light fixture is minimum 3°. The horizontal beam width is 360° unobstructed. The IR emissions must mimic

both pulse width/duration of visible light so pilots do not experience a visual disparity when looking through and under the NVG.

8.3 Minimum IR Radiant Intensity

For wavelengths from 800 to 900 nm, the minimum radiant intensity for IR emitters included in LED-based L-810 light fixtures or for standalone IR emitters to be used in conjunction with LED-based L-810 light fixtures is 4 milliwatts per steradian (mW/sr) [0.004 W/sr]. The minimum radiant intensity for IR emitters included in LED-based L-864 and L-885 light fixtures or for standalone IR emitters to be used in conjunction with LED-based L-864 and L-885 light fixtures is 246 milliwatts per steradian (mW/sr) [0.246 W/sr].

The minimum IR radiant intensities for LED-based L-810, L-864 and L-885 light fixtures are based on the minimum acquisition distances for nighttime VMC stated in AC 70/7460-1 (1.4 SM for the L-810 and 3.1 SM for the L-864/L-885). These distances are necessary to provide pilots with adequate time to see the obstruction and take evasive action to avoid coming within 2,000 ft. of an obstruction.

Note: In the event of a failure of the IR emitter, the visible light must be de-energized and an alarm signal must be generated to provide indication of the failure. The IR emitter must be monitored in accordance with the monitoring requirements for FLASH/FAIL status of L-864, L-810 and L-885 visible light units in AC 150/5345-43.

Appendix I: Infrared Specifications for LED L-810, L-864 and L-885 LED Obstruction Lights

IR Wavelength (nominal)	Applicability	IR Vertical Beam Width	IR Radiant Intensity
800-900 nm	L-810 (L)	$\geq 10^{\circ}$ *	Minimum: 4 mW/sr
	L-864 (L) and L-885 (L)	$\geq 3^{\circ}$	Minimum: 246 mW/sr

* The center of the vertical beam spread should be between +4 and +20 degrees.



Memo

Date: 10/16/2024

Project: Clenera Crimson Solar Project Submittal

To: Mitra Mehta-Cooper, Elmore County

From: Suzy Cavanagh, HDR

Subject: **Determination of Completeness Memo- Clenera Crimson Solar Project Condition Use Permit Application**

1.0 Purpose

The purpose of this memo is to determine the completeness of the conditional use permit (CUP) application that Crimson Orchard Solar LLC submitted to Elmore County Land Use & Building Department on August 8, 2024. This memo addresses the completeness of the application and does not review the contents of the application for compliance with Elmore County or State of Idaho zoning, building, or environmental regulations.

2.0 Determination

A full review of the Crimson Orchard Solar application is provided in Section 3.0. In summary, Table 1 lists the information missing from the application to satisfy the Elmore County Amended Zoning and Development Ordinance.

Table 1. Information Missing from Clenera Crimson Solar Project CUP Application

Elmore County Standard	Incomplete information
7-2-103, A.2 7-2-106, A.1 7-9-3, D 7-9-7, A.5	The applicant should provide copies of all permits and approvals to Elmore County prior to commencing construction activities.
7-2-103, A.6 7-2-106, A.3 7-9-7, A.8	The applicant should provide a copy of an agreement with the firefighting agency with jurisdiction.
7-2-103, A.8 7-2-103, A.6 7-2-106, A.5	The applicant states that they will provide a glint and glare study, visual impact analysis, and economic impact analysis prior to the public workshop. Until those are provided, impacts and potential mitigation requirements are unknown. In addition, the applicant should provide a Floodplain Development Permit with the Department to ensure compliance with the National Flood Insurance Program requirements and Elmore County Zoning Ordinance Title 8, Chapter 2.
7-2-103, A.9	Placeholder – depending on statement from Charlie Baun at IDANG re: flight path.
7-9-3, A	This will be considered complete once the fees are determined and paid.
7-9-3, B, G, H	This will be considered complete once the Master Site Plan has been provided.
7-9-3, F	Conditions of Director approval will need to be issued and met prior to issuance of zoning approval.
7-9-4, A	The applicant has not stated they agree to comply with approved plans and specifications.



7-9-4, B	The applicant has not stated they agree to a continuous obligation to maintain adequate housekeeping practices so as not to create a nuisance.
7-9-4, C	The applicant should provide written approval from the appropriate fire authority with regard to the location specifications of any proposed structure, facility, or use prior to commencing construction activities.
7-9-4, G	The applicant stated that maps and drawings will be provided once engineering is advanced.
7-9-4, J	Currently, the decision-making body has not completed recommendations for additional conditions.
7-9-7, A.4	At this time the applicant has not provided information in the application that the proposed project will comply with all applicable county ordinances but does include compliance with certain parts.

3.0 Clenera Crimson Solar Project Application Review

3.1 Applicable County Requirements

This completeness review applies the CUP standards in Title 7 Chapter 2 and Chapter 9 of the Elmore County Amended Zoning and Development Ordinance.¹ The information below outlines the submittal requirements found within sections 7-2-103, 7-2-106A, 7-9-3, 7-9-4, and 7-9-7, and determines if the applicant meets the submittal requirements. If the applicant does not meet the requirements, the specific information that is missing is noted. Elmore County Amended Zoning and Development Ordinance language appears in italics.

Section 7-9-3A of the standards requires that a CUP application be submitted to the Planning Director with the appropriate fees on forms provided by the Department.

3.2 Title 7, Chapter 2: Land Use Tables, Zoning Districts and Their Base Densities, Overlay Districts, and Boundaries

3.2.1 Section 7-2-103: Electrical Generating Facilities

SECTION 7-2-103, A.1:

The facility shall use only natural gas, solar cells, water (hydroelectric) or wind power to produce electricity for sale. The use of diesel fuel is allowed only for emergency generation of electricity for fire suppression or winding down turbines.

DETERMINATION: COMPLETE

The applicant provided an application for a project that only uses solar energy for power generation. Therefore, the application complies with this requirement.

SECTION 7-2-103, A.2:

The owner or operator of the facility shall show compliance with all applicable Idaho Public Utility, and Federal Agency rules and regulations before receiving a zoning permit and shall operate the facility in conformance with those same regulations.

¹ Elmore County, Idaho, Elmore County Amended Zoning and Development Ordinance, Title 7-2-103, 7-2-106, 7-9-3, 7-9-4, and 7-9-7 (2018).



DETERMINATION: INCOMPLETE

The applicant states that they will comply with all applicable rules and regulations and obtain all required permits and approvals before commencing construction activities. The applicant should provide copies of all permits and approvals to Elmore County prior to commencing construction activities.

SECTION 7-2-103, A.3:

Facility improvements shall be at least 2,500 feet away from any residence existing at the time of the application for permit. This distance shall be measured from the centerline of the power producing turbine to the closest edge of the residence. The distance may be shortened if the applicant applies for and is granted a waiver using the standards and procedures contained in this ordinance. A distance waiver shall be granted by the Commission provided, the owner(s) of affected residence(s) waive, in writing, the two thousand five hundred (2,500') foot setback requirements. If such waiver(s) are submitted to the Administrator for each residence within the two thousand five hundred (2,500') foot setback no variance approval shall be required.

DETERMINATION: NOT APPLICABLE

No residences exist within 2,500 feet of the proposed facility.

SECTION 7-2-103, A.4:

Operation of the facility shall not result in any noise louder than 58 decibels on the A-weighted decibel scale as measured from 750 feet from the centerline of the power producing turbine. A higher decibel reading would require a variance unless the Commission grants a noise waiver. The Commission may grant a noise waiver provided the owner(s) of affected property waive in writing the 58Db noise requirement.

DETERMINATION: COMPLETE

The applicant indicates that the noise from the operating facility is limited to the inverters which have an ambient hum indiscernible outside the fence line; therefore, the facility will be under the 58-decibel level when measured from 750 feet from the edge of the facility.

SECTION 7-2-103, A.5:

The applicant, with its building permit application, shall submit and thereafter follow a landscaping, screening and noise control plan to comply with section 4 above. The plan's ability to comply with section 4 shall be certified by a licensed engineer employed by the applicant. All improvements on the facility shall be enclosed by an appropriate security fence.

DETERMINATION: COMPLETE

The applicant has committed to providing a landscaping, screening, and noise control plan with its building permit application.

SECTION 7-2-103, A.6:

The applicant shall demonstrate and maintain an adequate fire protection and fire-fighting capacity, including entering into an agreement with a public firefighting agency when the applicant's project is within the jurisdiction of such an agency.

DETERMINATION: INCOMPLETE

The applicant has completed initial outreach with the Mountain Home Rural Fire District and states that they will maintain adequate access to the project for police and fire protection. However, the comments with the signature from Mountain Home Rural Fire District state that the signature



represents “approval for overall concept only” and does not explicitly agree to fire protection services. To date, they have not entered into an agreement with a public firefighting agency. The applicant should provide a copy of the agreement with the firefighting agency with jurisdiction.

SECTION 7-2-103, A.7:

Before a zoning approval is granted, the applicant shall hold at least two (2) public meetings. Notice of those meetings shall be by publication in local newspaper and by mail to property owners within one (1) mile of the proposed facility.

DETERMINATION: COMPLETE

The applicant has held two public meetings and provided proof of public notice.

SECTION 7-2-103, A.8:

The Director shall cause the applicant to provide information detailing possible adverse impacts and require mitigation of same.

DETERMINATION: INCOMPLETE

The applicant has considered adverse impacts through the Conditional Use Permit application by noting that the property is within the 100-year floodplain and that hazardous materials and/or waste will be used in operation or generated from the facility. However, there is no documentation for the mitigation of impacts in the floodplain and how risks from the hazardous materials would be addressed. The applicant should provide a Floodplain Development Permit with the Department to ensure compliance with the National Flood Insurance Program requirements and Elmore County Zoning Ordinance Title 8, Chapter 2.

It should be noted that in Attachment G, the applicant states that they will provide a glint and glare study, visual impact analysis, and economic impact analysis prior to the public workshop.

SECTION 7-2-103, A.9:

Towers and structures that seek to exceed the building height restrictions from Table 6-8-11 (C) must be compatible with the flight operations of MHAFB and the City of Mountain Home and Glenns Ferry public airport operations. The proposed plan should be coordinated and approved by local, state, federal and military aviation officials.

DETERMINATION: INCOMPLETE

The height of the solar array and BESS will not exceed 20 feet. The project substation will contain an H-frame transmission structure that is approximately 90 feet tall and one or more transmission structures ranging from 95 feet to 130 feet tall to connect to the Idaho Power Danskin substation, which exceed the building height restrictions listed in 7-2-28 (D). Until we receive feedback from Idaho Air National Guard and Mountain Home AFB, it is unknown if structures are along depicted flight corridors.

SECTION 7-2-103, A.10:

Towers and height variances shall not be granted within 5 miles of Mountain Home AFB or along depicted flight corridors.

DETERMINATION: COMPLETE

Structures are not within 5 miles of Mountain Home AFB or along depicted flight corridors, therefore a variance will not be requested.



SECTION 7-2-103, A.11:

Within the Mountain Home or Glenns Ferry airport influence areas overlay district, the height limits on the tower or facility structures shall be as required by the Code of Federal Regulations 14 CFR 77.

DETERMINATION: COMPLETE

The project is not within the Mountain Home or Glenns Ferry airport influence overlay districts.

SECTION 7-2-103, A.12:

Notification distance shall be increased at the discretion of the Director to accommodate for visual impacts.

DETERMINATION: COMPLETE

The Director requested a notification distance of one mile; the applicant used the notification distance of one mile during the outreach process.

3.2.2 Section 7-2-106 Energy Production Facilities

SECTION 7-2-106, A.1:

Prior to receiving final approval and zoning approval, the owner or operator of an Energy Production Facility shall show compliance with all applicable Idaho Public Utility and Federal Agency rules and regulations and shall operate the facility in conformance with those same regulations.

DETERMINATION: INCOMPLETE

The applicant states that they will obtain all necessary permits and land for the project, and construction and operation of the project will comply with all applicable rules and regulations, including Idaho Public Utility and Federal Agencies. The applicant should provide copies of all permits and approvals to Elmore County prior to commencing construction activities.

SECTION 7-2-106, A.2:

Facility improvements shall be at least two thousand five hundred (2,500') feet away from any existing residential dwelling at the time of the application for permit. This distance shall be measured from the centerline of the main power production turbine (support equipment, outbuildings, offices, etc. shall be excluded) to the closest edge of the residence.

DETERMINATION: NOT APPLICABLE

No residences exist within 2,500 feet of the proposed facility.

SECTION 7-2-106, A.3:

The applicant shall demonstrate and maintain an adequate fire protection and firefighting capacity, including entering into an agreement with a public firefighting agency when the applicant's project is within the jurisdiction of such an agency.

DETERMINATION: INCOMPLETE

The applicant has completed initial outreach with the Mountain Home Rural Fire District and states that they will maintain adequate access to the project for police and fire protection. However, the comments with the signature from Mountain Home Rural Fire District state that the signature represents "approval for overall concept only" and does not explicitly agree to fire protection services. To date, they have not entered into an agreement with a public firefighting agency. The applicant should provide a copy of the agreement with the firefighting agency with jurisdiction.



SECTION 7-2-106, A.4:

Operation of the facility shall not result in any noise louder than 58 decibels on the A-weighted decibel scale as measured from 750 feet from the centerline of the power producing turbine. A higher decibel reading would require a variance unless the Commission grants a noise waiver. The Commission may grant a noise waiver provided the owner(s) of all affected property waive in writing the 58Db noise requirement.

DETERMINATION: COMPLETE

The applicant indicates that the noise from the operating facility is limited to the inverters which have an ambient hum indiscernible outside the fence line; therefore, the facility will be under the 58-decibel level when measured from 750 feet from the edge of the facility.

SECTION 7-2-106, A.5:

The Administrator shall cause the applicant to provide information detailing possible adverse impacts and require mitigation of same.

DETERMINATION: INCOMPLETE

The applicant has considered adverse impacts through the Conditional Use Permit application by noting that the property is within the 100-year floodplain and that hazardous materials and/or waste will be used in operation or generated from the facility. However, there is no documentation for the mitigation of impacts in the floodplain and how risks from the hazardous materials would be addressed. The applicant should provide a Floodplain Development Permit with the Department to ensure compliance with the National Flood Insurance Program requirements and Elmore County Zoning Ordinance Title 8, Chapter 2.

It should be noted that in Attachment G, the applicant states that they will provide a glint and glare study, visual impact analysis, and economic impact analysis prior to the public workshop.

SECTION 7-2-106, A.6:

The applicant, with its building permit application, shall submit and therefore follow a landscaping, screening and noise control plan to comply with section 4 above. The plan's ability to comply with section 4 shall be certified by a licensed engineer employed by the applicant. All improvements on the facility shall be enclosed by an appropriate security fence.

DETERMINATION: COMPLETE

The applicant has committed to providing a landscaping, screening, and noise control plan with its building permit application. In addition, the applicant has identified plans for fencing around the Battery Energy Storage System (BESS) and the photovoltaic (PV) power generating facility.

SECTION 7-2-106, A.7:

Before zoning approval is granted, the applicant shall hold at least two (2) public meetings. Notice of those meetings shall be by publication in local newspaper and by mail to property owners within one (1) mile of the proposed facility.

DETERMINATION: COMPLETE

The applicant has held two public meetings and provided proof of public notice.

SECTION 7-2-106, A.8:

Public notification shall be increased at the discretion of the Director to accommodate notification for all potential impacts.



DETERMINATION: COMPLETE

The Director requested a notification distance of one mile; the applicant used the notification distance of one mile during the outreach process.

3.3 Title 7, Chapter 9: Conditional Use Permit (CUP) Standards and Requirements

3.3.1 Section 7-9-3: Process

SECTION 7-9-3. A:

An application and fees, as set forth in this Ordinance, shall be submitted to the Director on forms provided by the Department.

DETERMINATION: INCOMPLETE

The applicant has filed a CUP application and has indicated that they will pay all appropriate filing fees once they are determined. This will be considered complete once the fees are determined and paid.

SECTION 7-9-3. B:

The applicant shall concurrently submit a master site plan subject to the regulations of this Ordinance, unless specifically exempt under the regulations of this Ordinance. Any accessory buildings or facilities and any outdoor storage areas shall be noted on the master site plan and reviewed as part of the conditional use application.

DETERMINATION: INCOMPLETE

The applicant provided a conceptual site plan in Attachment J of the application; however, the conceptual site plan does not indicate the location of the accessory buildings that are described in the project narrative. Specifically, the applicant needs to add the monitoring and maintenance facilities to the site map along with any other elements of a Master Site Plan.

SECTION 7-9-3. C:

The decision-making body, Commission and/or Board, shall apply the specific use standards listed in this Ordinance, the general conditional use standards in this Ordinance, and the findings listed in this Ordinance to review the conditional use.

DETERMINATION: COMPLETE

The applicant provided information on the general conditional use standards and the findings listed in the Zoning Ordinance in the application.

SECTION 7-9-3. D:

Prior to issuance of zoning approval, the applicant shall provide written documentation indicating the facility has been approved by all applicable public agencies.

DETERMINATION: INCOMPLETE

The applicant states they will provide written documentation indicating approval of the facility by all applicable public agencies prior to seeking final construction approval. The applicant should provide copies of all permits and approvals to Elmore County prior to commencing construction activities.



SECTION 7-9-3. E:

The approval shall be limited to a one (1) year period, unless some other period of time is specified in the permit, in which the applicant or owner must obtain all necessary permits, approvals and obtain zoning approval.

DETERMINATION: COMPLETE

The applicant has not specified a period of time in the permit application other than the (1) year period of approval. The applicant should provide copies of all permits and approvals to Elmore County prior to commencing construction activities.

SECTION 7-9-3. F:

Upon determination by the Director that all conditions of approval have been met and the conditional use is in conformance with the Ordinance, zoning approval shall be issued.

DETERMINATION: INCOMPLETE

The applicant indicates they understand that zoning approval will be issued upon the Director's determination that all conditions of approval have been met and the conditional use is in conformance with the Zoning Ordinance. Conditions of approval will need to be issued and met prior to this requirement being met.

SECTION 7-9-3. G:

The Director may approve modifications to the site plan and/or elevations for an approved conditional use when the proposed modification meets all of the applicable following standards:

- 1. The modification represents an increase in the amount of landscaping and/or screening area and a reduction in the square footage or height of a proposed building; and/or*
- 2. The modification represents an increase in the amount of landscaping and/or screening area and a reduction in the approved parking area while still providing the number of required parking, handicapped accessible, and bicycle spaces; and/ or*
- 3. The modification represents a reduction in the approved lighting plan; and/or*
- 4. The modification does not change a setback or other distance standard more than ten (10%) percent of the distance noted on the approved master site plan.*

DETERMINATION: INCOMPLETE

Once the Master Site Plan has been submitted, it is unknown whether modifications to the site plan will be needed.

SECTION 7-9-3. H:

The Director may approve an expansion to an approved conditional use when the proposed expansion meets all of the applicable following standards:

- 1. The expansion of structures represents ten (10%) percent or less of the approved gross floor;*
- 2. The expansion of parking area represents ten (10%) percent or less of the approved parking area;*
- 3. The expansion of the lighting plan represents ten (10%) percent or less of the approved outdoor lighting fixtures;*
- 4. The expansion is to a landscape and/or screening area;*



5. *The expansion does not change a setback or other distance standard more than ten (10%) percent of the distance noted on the approved master site plan.*

DETERMINATION: INCOMPLETE

Once the Master Site Plan has been submitted, it is unknown whether modifications to the site plan will be needed.

3.3.2 Section 7-9-4: Conditional Use Standards

SECTION 7-9-4. A:

The applicant shall agree to comply with the approved plans and specifications.

DETERMINATION: INCOMPLETE

The applicant has not stated they agree to comply with approved plans and specifications.

SECTION 7-9-4. B:

The applicant shall have a continuous obligation to maintain adequate housekeeping practices so as not to create a nuisance.

DETERMINATION: INCOMPLETE

The applicant has not stated that they agree to a continuous obligation to maintain adequate housekeeping practices so as not to create a nuisance.

SECTION 7-9-4. C:

Prior to review of the proposed conditional use, the applicant or owner shall obtain the written approval of the appropriate fire authority with regard to the location specifications of any proposed structure, facility, or use.

DETERMINATION: INCOMPLETE

The applicant has received “approval for overall concept only” from Mountain Home Rural Fire District (Attachment K – Agency Comments & Signature). Although the applicant states that they do not anticipate a need for fire and police services during construction, operations and maintenance, the applicant should obtain written approval from the appropriate fire authority with regard to the location specifications of any proposed structure, facility, or use. The applicant should provide copies of approvals from the pertinent fire authority to Elmore County prior to commencing construction activities.

SECTION 7-9-4. D:

No structure or facility (excluding signs) shall be located within twenty (20') feet of a residential district unless a sound wall or screen as approved by the Director is provided.

DETERMINATION: COMPLETE

The applicant has provided information in the application that the project is located in a rural area of the county and no structures or facilities will be within 250 feet of a residence.

SECTION 7-9-4. E:

A sound wall shall be included in the landscape plan for any parking areas abutting a residential district.



DETERMINATION: COMPLETE

The applicant has provided information in the application that the project is located in a rural area of the county and no parking areas are proposed.

SECTION 7-9-4. F:

The owner and/or operator shall maintain sanitary practices so as not to create a public nuisance and to reduce noise and odor.

DETERMINATION: COMPLETE

The applicant has stated that the project will not emit or utilize any hazardous or disturbing odors or noise.

SECTION 7-9-4. G:

The owner and/or operator shall furnish evidence that any dangerous characteristics of the proposed use have been or shall be eliminated or minimized so as not to create a nuisance or be detrimental to the public health, safety, or welfare.

DETERMINATION: INCOMPLETE

The applicant stated that maps and drawings will be provided once engineering is advanced.

SECTION 7-9-4. H:

If abutting a residential district or within a residential district, the facility hours may be limited by the decision-making body.

DETERMINATION: COMPLETE

The applicant has provided information in the application that the project is located in a rural and remote area of the county and is not abutting or within a residential district.

SECTION 7-9-4. I:

If abutting or within an Agricultural district, the proposed use shall not cause detrimental impacts to agriculture.

DETERMINATION: COMPLETE

The applicant has provided information in the application that the project area is within and surrounded by agricultural use. Agricultural activities within the security fence would be temporarily ceased until the conclusion of the facility's useful life cycle. Upon decommissioning, the solar improvements would be removed, and the area would be restored to its previous condition so it can be used for future agricultural activities.

SECTION 7-9-4. J:

The decision-making body may require additional conditions to mitigate impacts. The conditions may include, but shall not be limited to, any or all of the following:

- 1. Standards related to the emission of noise, vibration, and other potentially objectionable impacts; and*
- 2. Limits on time of day for the conduct of the specified use; and*
- 3. The period within which the permit shall be exercised or otherwise lapse; and*
- 4. Other standards necessary to protect the public health, safety, and welfare and mitigate adverse effects on surrounding property.*



DETERMINATION: INCOMPLETE

Currently, the decision-making body has not completed recommendations for additional conditions.

3.3.3 Section 7-9-7: Required Findings

SECTION 7-9-7. A.1:

The decision-making body shall make the following required findings:

1. *The proposed use shall, in fact constitute a Conditional Use as determined in Ordinance Table 7-2-10 (B), Elmore County Land Use Table, as contained in this Ordinance;*

DETERMINATION: COMPLETE

The applicant has provided information in the application that the proposed project is on land that is completely zoned General Agriculture; the proposed uses constitute a Conditional Use pursuant to Table 7-2-10 (B) of the Zoning Ordinance.

SECTION 7-9-7. A.2:

2. *The proposed use shall be in harmony with and in accordance with the Comprehensive Plan and this Ordinance;*

DETERMINATION: COMPLETE

The applicant has provided information in the application that the project is in harmony and in accordance with the *Elmore County 2014 Comprehensive Plan*; specifically, multiple public service objectives and economic development objectives. The project would provide a new, reliable source of electricity and would increase energy capacity to meet existing demands and future growth.

Examples from the *Elmore County 2014 Comprehensive Plan* that are in harmony with this project are as follows:

- Public Service Objective 2 – Encourage the enhancement of the electric system and capacity and reliability.
 - This is a solar generation facility and energy storage system which will increase the capacity and reliability of renewable energy onto the grid.
- Public Service Objective 3 – Encourage the enhancement of the capacity and reliability of renewable energy resources.
 - This is a solar generation facility and energy storage system which will increase the capacity and reliability of renewable energy onto the grid.
- Land Use Goal 1 – Provide for the orderly growth and accompanying development of the resources within the County that is compatible with a rural lifestyle.
 - The operating facility is minimally staffed with low traffic impact. The facility itself is quiet and will emit no odors or generate harmful byproducts.
- Economic Objective 12 – Encourage Idaho Power to make additions to and improvements of electric utility facilities that provide adequate capacity for projected growth.
 - This project is located adjacent to the existing Idaho Power Danskin Substation and will interconnect into this facility. Before the project can interconnect, Idaho Power will upgrade the facility to accommodate the new solar resource.



- Water Objective 4 – Encourage the use of natural landscaping in order to conserve water. Encourage re-vegetation in disturbed areas.
 - During operations the facility will utilize minimal water if any. This will be a significant reduction in water from the current use. Disturbed areas on the solar generation facility that do not contain infrastructure or roads will be reseeded.

SECTION 7-9-7. A.3:

3. *The proposed use complies with the purpose statement of the applicable base zone of Ordinance Section 7-2-5 and with the specific use standards as set forth in this Chapter;*

DETERMINATION: COMPLETE

The applicant has provided information in the application to show the project complies with the purpose statement for General Agriculture, as defined in Ordinance Section 7-2-5. Electrical generation is compatible with described use of General Agriculture because after decommissioning, the land can be returned to agricultural use. This also serves to protect land for agricultural use in the future.

SECTION 7-9-7. A.4

4. *The proposed use shall comply with all applicable County Ordinances;*

DETERMINATION: INCOMPLETE

At this time, the applicant has not provided information in the application that the proposed project will comply with all applicable county ordinances, but does include compliance with parts of Title 7 Chapter 2, Sections 103 and 106, and Title 7, Chapter 9.

SECTION 7-9-7. A.5:

5. *The proposed use shall comply with all applicable State and Federal laws, rules and/or regulations;*

DETERMINATION: INCOMPLETE

The applicant has provided information in the application that indicates the proposed use shall comply with all applicable state and federal laws, rules, and regulations. However, the applicant should provide copies of all permits and approvals to Elmore County prior to commencing construction activities.

SECTION 7-9-7. A.6:

6. *The proposed use shall be designed, constructed, operated, and maintained in such a way as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity; and that such use shall not change the essential character of said area;*

DETERMINATION: COMPLETE

The applicant has provided information in the application that the proposed project will be designed, constructed, operated, and maintained in a way that is harmonious and appropriate in appearance with the existing or intended character of the general vicinity. The project is located in an unincorporated rural area and surrounded by agricultural land and utility facilities. Due to electrical generation being an identified conditional use and the lack of negative impacts that could be caused



by this facility, it is the understanding of the applicant that this development is harmonious with the intention of the land use category.

SECTION 7-9-7. A.7

- 7. The proposed use shall not be hazardous or disturbing to existing neighboring uses or impede their normal development;*

DETERMINATION: COMPLETE

The applicant has provided information in the application that the project use will not be hazardous or disturbing to existing neighboring uses and will not impede their normal development.

SECTION 7-9-7. A.8

- 8. The proposed use shall be served adequately by available public facilities and services such as highways, streets, police protections, fire protection, drainage structures, refuse disposal, water, sewer, or that the person responsible for the establishment of the proposed conditional use shall be able to provide adequately any such services;*

DETERMINATION: INCOMPLETE

The applicant has provided information in the application during construction Interstate 84 and local roads will be used to access the site for equipment deliveries and workers. The applicant states that they do not anticipate the need for fire and police services during construction, operations and maintenance.

The applicant has stated there are no drainage structures onsite and none are proposed. Drainage improvements done through grading of the site will be engineered and in compliance with the Idaho Department of Environmental Quality Construction General Permit.

The applicant has stated that during construction, temporary refuse disposal will be located on site and during operations and maintenance the site will have refuse disposal service.

The applicant has stated that water will be used for dust control measures for site preparation and grading activities during construction. The source of water for construction will be through the landowner and if necessary, a second source. During operations panel washing may be required and this water would be procured and brought to site via truck.

The applicant needs to receive confirmation of service from the firefighting agency with jurisdiction.

SECTION 7-9-7. A.9

- 9. The proposed use shall not create excessive additional requirements at public cost for public facilities and services and the proposed use shall not be detrimental to the economic welfare of the County;*

DETERMINATION: COMPLETE

The applicant states that many public facilities and services will not be necessary due to the facility being minimally staffed during operations. Operation of the facility will not require water, sewage, fire, and sheriff services under normal operating conditions. The applicant will be required to enter into a Development Agreement with the County and will be required to pay impact fees.



SECTION 7-9-7. A.10

10. The proposed use shall not involve uses, activities, processes, materials, equipment, and conditions of operation that will be detrimental to any persons, property or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare or odors;

DETERMINATION: COMPLETE

The applicant has provided information in the application that the proposed electric generating facilities, electric transmission line, and production facility will not generate excessive noise or glare, smoke, fumes, or odors during the construction and operation of the facility. The project is in a rural area of the county and is not near residential facilities.

SECTION 7-9-7. A.11

11. The proposed use shall not result in the destruction, loss or damage of a natural or scenic feature of major importance.

DETERMINATION: COMPLETE

The applicant has provided information in the application that there will be minimal alterations to the natural landscape and that there are no natural or scenic features of major importance located on the site.

From: [Brenna Garro](#)
To: [Dawson,Bradley](#); [Mitra Mehta-Cooper](#); [Kacey Ramsauer](#); [David Abrahamson](#)
Subject: RE: USFWS Contact
Date: Monday, August 26, 2024 8:05:57 AM

Hi all,

OEMR likes to be aware of projects on private land in case we get inquiries at the Governor's Office. However, we do not have any authority to coordinate or comment on projects on private land. Proponents often reach out to our office to discuss their project.

Thanks for the connection, Bradley.

Brenna Garro

Policy Analyst

Idaho Governor's Office of Energy and Mineral Resources

304 N 8th Street | Suite 250 | Boise, ID 83720

Phone: (208)332-1673 | Email: Brenna.Garro@oer.idaho.gov

she/ her/ hers

From: Dawson,Bradley <bradley.dawson@idfg.idaho.gov>
Sent: Friday, August 23, 2024 9:00 AM
To: Mitra Mehta-Cooper <mmehtacooper@elmorescounty.org>; Kacey Ramsauer <kramsauer@elmorescounty.org>; David Abrahamson <dabrahamson@elmorescounty.org>
Cc: Brenna Garro <Brenna.Garro@oer.idaho.gov>
Subject: RE: USFWS Contact

If it is a solar or wind energy-related project, Brenna (cc'd) is the best contact from OEMR. My understanding is that OEMR primarily participates when a project occurs on state or federal land; however, Brenna can clarify how they wish to be involved in County CUP processes.

From: Mitra Mehta-Cooper <mmehtacooper@elmorescounty.org>
Sent: Thursday, August 22, 2024 4:25 PM
To: Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; Kacey Ramsauer <kramsauer@elmorescounty.org>; David Abrahamson <dabrahamson@elmorescounty.org>
Subject: RE: USFWS Contact

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Thank you, Bradley. How about Governor's Office of Mineral Resources?

From: Dawson,Bradley <bradley.dawson@idfg.idaho.gov>

Sent: Thursday, August 22, 2024 9:00 AM

To: Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>; David Abrahamson <dabrahamson@elmorecounty.org>

Subject: USFWS Contact

Hello,

Yesterday at the meeting, I was asked if I could provide a USFWS contact for questions on eagle take permits, as they are administered by USFWS instead of IDFG. Please see below:

Colleen Moulton
Renewable Energy Biologist
Migratory Birds and Habitat Program
Pacific Region - Washington, Oregon, Idaho, Hawaii and the Pacific Islands
U.S. Fish and Wildlife Service
(986) 217-4596
Colleen_moulton@fws.gov

Best,

Bradley Dawson
Regional Technical Assistance Manager
Idaho Department of Fish and Game
208-644-6310





IDAHO DEPARTMENT OF FISH AND GAME

SOUTHWEST REGION

15950 N. Gate Blvd.

Nampa, Idaho 83687

Brad Little / Governor
Jim Fredericks / Director

September 9, 2024

David Abrahamson
Elmore County Land Use and Building Dept.
520 E 2nd Street
Mountain Home, ID 83647

RE: Conditional Use Permit CUP-2024-18 for Crimson Orchard Solar LLC

Dear David,

Thank you for requesting comments from the Idaho Department of Fish and Game (IDFG) regarding the proposed solar farm, "Crimson Orchard Solar LLC" by Clenera LLC. IDFG has reviewed the information in the application provided by Clenera.

The project area would comprise approximately 1,020 acres of private land on the western edge of Mountain Home, adjacent to Interstate 84. Facilities would include a 100 MWac solar facility, a 100 MW Battery Energy Storage System (BESS), new gravel/dirt access roads, perimeter fencing, and an on-site project substation. The land is currently owned by Simplot Company and used for irrigated agriculture and rangeland.

Because IDFG does not regulate private land use, the purpose of these comments is to assist Elmore County by providing technical information addressing potential effects on wildlife resources and associated recreation and to offer strategies that avoid, minimize, and/or mitigate those effects. Resident species of fish and wildlife are property of all Idaho citizens, and IDFG and the Idaho Fish and Game Commission are expressly charged with statutory responsibility to preserve, protect, perpetuate, and manage all fish and wildlife in Idaho (Idaho Code § 36-103(a)). In fulfillment of our statutory charge and direction as provided by the Idaho Legislature, we offer the following comments and suggestions.

IDFG appreciates the opportunity to provide information pertinent to the proposed project. Please contact Brandon Flack in the Southwest Region office at (208) 465-8465 or via email at brandon.flack@idfg.idaho.gov if you have any additional questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Josh Royse", with a long horizontal flourish extending to the right.

Josh Royse
Southwest Regional Supervisor

ecc: David Abrahamson: Elmore County Land Use and Building Dept.
Josh Royse, Brandon Flack: IDFG Region 3

e-file: S:\TECH ASSISTANCE\Energy Development\Solar\Clenora_Crimson Orchard Solar-MtnHome\IDFGComments_CUP-2024-18_Crimson Orchard Solar_09092024

Idaho Department of Fish and Game Technical Review:

Conditional Use Permit Application for Crimson Orchard Solar LLC

Prepared for Elmore County

September 9, 2024

The Idaho Department of Fish and Game (IDFG) has reviewed the Preliminary Draft CUP Application prepared by Crimson Orchard Solar LLC, and we offer the following technical comments for consideration:

Background Information

Wildlife Resources

The project area is in Game Management Unit (GMU) 39 and lies at the southern terminus of migration pathways for elk and pronghorn. Upon finishing their fall migration, these animals may remain in the general project area vicinity, using both private and public land during the winter before migrating in the spring. Energy development has the potential to disrupt these movements. The proposed siting is at the terminus of available winter range and adjacent to I-84, which may avoid disruption of migration behaviors, minimize loss of winter range, and may help to reduce negative impacts to wintering animals.

The federally designated Morley Nelson Snake River Birds of Prey National Conservation Area (NCA) is 1 mile west of the project area. It is home to approximately 24 species of raptor (including golden eagles, prairie falcons, and ferruginous hawks) that seasonally use the Snake River canyon and associated uplands for nesting, hunting, and wintering. Project facilities (e.g., powerlines) have the potential to kill migrating and nesting raptors.

Specific Comments

1. Big Game

- Comments
 - IDFG migration and winter range models indicate that elk from several herds and the Mountain Home pronghorn herd may use the project area for migration and winter range.
 - Loud auditory noise that is common during construction activities disturbs wintering wildlife during a vulnerable time of year. This can lead to avoidance of the surrounding area effectively decreasing winter habitat available to wildlife.
- Recommendations

- To minimize disturbance to wintering big game in the immediate vicinity, avoid construction activities (e.g., for construction) during December 15 – April 15 annually.
- Where permanent security fences are necessary, the top bar should be at least eighty-four inches (84”) tall to prevent impalement or entanglement by big game from attempted jumping. The top rail should be marked in a way to increase visibility. Except where legally required, fences should not have spikes, pickets or barbs that protrude above the top bar of the fence.

2. Birds and Bats

- Comments
 - Project facilities and infrastructure may pose a threat of injury or mortality to birds through collision or electrocution.
 - Light pollution from project infrastructure may negatively impact migrations or foraging for nocturnal birds and bats.
- Recommendations
 - The proponent should engage a qualified consultant to develop and implement an Avian Protection Plan in adherence to Avian Power Line Interaction Committee (APLIC) guidelines (<https://www.aplic.org/APPs>). These guidelines include
 - A) adequate separation (>150 cm) between energized and grounded hardware,
 - B) covering energized and/or grounded parts with appropriate materials,
 - C) applying perch management techniques.
 - To reduce impacts on bats and nocturnal bird migration, design security and operational lighting to turn off when not in use, or use shielded down-cast lighting in cases where 24-hour lighting is required.

3. Pollinators and Vegetation

- Comments
 - Large-scale construction will disturb large areas of soil. Stabilization should follow construction to avoid widespread erosion, colonization by invasive weeds, and increased fire risk.
 - Slickspot peppergrass is listed as a Threatened plant species under the federal Endangered Species Act and endemic to Idaho. The U.S. Fish and Wildlife Service (USFWS) has designated Critical Habitat for the species in Elmore County immediately south of the proposed Project location, where the plant has been observed. It is likely that slickspot peppergrass may exist on the proposed project site south of I-84.

- Recommendations
 - The proponent should engage a qualified consultant to plan and implement a Revegetation & Noxious Weed Management Plan. The project should also develop a fire prevention and management plan. Disturbed areas should be re-vegetated with a native seed mix that incorporates several species of flowering forbs. IDFG can provide species recommendations upon request. Irrigation will be necessary for establishment during the initial 2-3 years following reseeding.
 - Threatened and Endangered Species and critical habitat designations are the jurisdiction of the U.S. Fish and Wildlife Service. The State of Idaho is promoting efforts to delist this species, including voluntary efforts by private landowners and local governments that may support this objective. We recommend consulting with the USFWS Boise Office at (208) 510-5246 to develop BMPs to avoid or minimize project effects on slickspot peppergrass.

From: [Kendra Conder](#)
To: [David Abrahamson](#)
Subject: RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
Date: Thursday, August 29, 2024 2:45:16 PM
Attachments: [image003.png](#)
[image004.png](#)
[image001.png](#)

Good Afternoon David,

ITD has reviewed the application for CUP-2024-18 and does not have any comments or concerns.

Thank you!

Kendra Conder

District 3 | Development Services Coordinator
Idaho Transportation Department
Office: 208-334-8377
Cell: 208-972-3190



From: David Abrahamson <dabrahamson@elmorecounty.org>
Sent: Wednesday, August 28, 2024 1:44 PM
To: Mike Hollinshead <mhollinshead@elmorecounty.org>; Greg Berry <gberry@elmorecounty.org>; elmorecountyedpro@gmail.com; bcopes@cdh.idaho.gov; bro.admin@deq.idaho.gov; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; Claxton, Lisa A <lclaxton@blm.gov>; llasuen@earthlink.net; Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; Flo Ghighina <Flo.Ghighina@itd.idaho.gov>; Alan Roberts <aroberts@elmorecounty.org>; breed@mountain-home.us; zlathim@idl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; Justin Wootan <wootanj@gmail.com>; fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; D3 Development Services <D3Development.Services@itd.idaho.gov>; Dennis.c.stitt.mil@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>; georgia.clark@us.af.mil; Nicole Coffey <nnutting@mountain-home.us>; Brenda Ellis <bellis@mountain-home.us>; Christopher Curtis <ccurtis@mountain-home.us>; mitchell.vermeer@isda.idaho.gov; Flack,Brandon <brandon.flack@idfg.idaho.gov>; marissa.warren@oer.idaho.gov; shsshpo@ishs.idaho.gov; colleenmoulton@fws.gov
Cc: angie@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>; arg@elamburke.com; Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>
Subject: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

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Here is an application from Clenera to build a solar farm called Crimson Orchard. They are looking to build solar panels with a battery storage area on 775 acres by Exit 90 and north of I84 up past Mashburn Rd.

Can you please review and send me your comments no later than September 17th, 2024.

If you have any questions do not hesitate to contact me.

Sincerely,

David Abrahamson
Planner 1
520 E 2nd St.
Mountain Home, Idaho 83647
208-587-2142 ext 1269
208-598-5247 (cell)

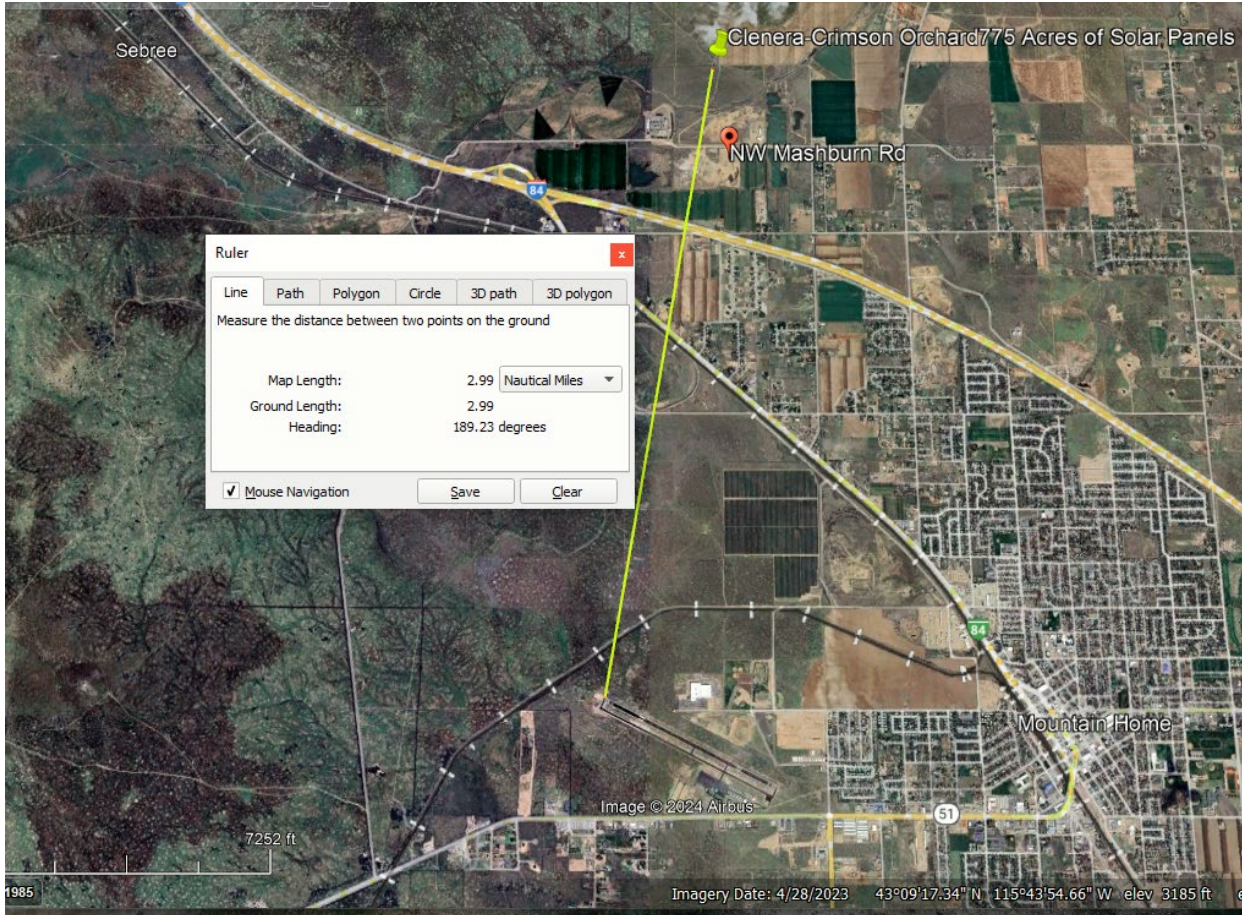


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From: Flo Ghighina
To: David Abrahamson; Mike Hollinshead; Greg Berry; elmorecountypro@gmail.com; bcopes@cdh.idaho.gov; bro.admin@deq.idaho.gov; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; Claxton, Lisa A; llasuen@earthlink.net; Dawson,Bradley; Alan Roberts; breed@mountain-home.us; zlatim@dl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; Justin Wootan; fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; d3development-services@itd.idaho.gov; Dennis.c.stitt@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A37A; georja.clark@us.af.mil; Nicole Coffey; Brenda Ellis; Christopher Curtis; mitchell.vermeer@sda.idaho.gov; Flack,Brandon; marissa.warren@oer.idaho.gov; sbshpo@ishs.idaho.gov; colleenmoulton@fws.gov
Cc: angle@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com); aro@elamurke.com; Kacey Ramsauer; Mitra Mehta-Cooper
Subject: RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
Date: Tuesday, September 3, 2024 8:12:10 AM
Attachments: image003.png
image004.png
image001.png
image006.png

Hello David,

The Idaho Div. of Aeronautics has received and reviewed your request for comments regarding the Clenera Solar Farm called Crimson Orchard. Subsequent to our aeronautical study, the Idaho Div. of Aeronautics has no objection to your project. Good luck and have a great day!



Best regards,

Flo Ghighina
Airport Inspector/Obstructions Evaluator
ITD-Division of Aeronautics
Ph: 208-334-8895
Cell: 208-866-1558
<http://www.itd.idaho.gov/aero>
<https://www.facebook.com/idahoeronautics>



From: David Abrahamson <dabrahamson@elmorecounty.org>

Sent: Wednesday, August 28, 2024 1:44 PM

To: Mike Hollinshead <mhollinshead@elmorecounty.org>; Greg Berry <gberry@elmorecounty.org>; elmorcounyedpro@gmail.com; bcofes@cdh.idaho.gov; bro.admin@deq.idaho.gov; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; Claxton, Lisa A <lclaxton@blm.gov>; llasuen@earthlink.net; Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; Flo Ghighina <Flo.Ghighina@itd.idaho.gov>; Alan Roberts <aroberts@elmorecounty.org>; breed@mountain-home.us; zlathim@idl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; Justin Wootan <wootanj@gmail.com>; fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; D3 Development Services <D3Development.Services@itd.idaho.gov>; Dennis.c.stitt@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>; georgia.clark@us.af.mil; Nicole Coffey <nnutting@mountain-home.us>; Brenda Ellis <bellis@mountain-home.us>; Christopher Curtis <ccurtis@mountain-home.us>; mitchell.vermeer@isda.idaho.gov; Flack,Brandon <brandon.flack@idfg.idaho.gov>; marissa.warren@oer.idaho.gov; shssho@ishs.idaho.gov; colleenmoulton@fws.gov

CC: angie@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>; arg@elamurke.com; Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>

Subject: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

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Here is an application from Clenera to build a solar farm called Crimson Orchard. They are looking to build solar panels with a battery storage area on 775 acres by Exit 90 and north of I84 up past Mashburn Rd.

Can you please review and send me your comments no later than September 17th 2024.

If you have any questions do not hesitate to contact me.

Sincerely,

David Abrahamson
Planner 1
520 E 2nd St.
Mountain Home, Idaho 83647
208-587-2142 ext 1269
208-598-5247 (cell)



From: [Christy Acord](#)
To: [David Abrahamson](#)
Subject: Fwd: [EXTERNAL] Fwd: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
Date: Wednesday, August 28, 2024 4:51:52 PM

Good afternoon David. This is a response from Idaho Power to this project. I checked with them today to see if this was on the books for Elmore County.

Christy Acord, Manager
Elmore County Rural Development
(208) 598-0886

----- Forwarded message -----

From: **Dickerson, Paris** <PDickerson@idahopower.com>
Date: Wed, Aug 28, 2024, 3:58 PM
Subject: RE: [EXTERNAL] Fwd: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
To: Christy Acord <elmorecountyedpro@gmail.com>

Hi Christy,

Yes, they have a signed Generator Interconnection Agreement with Idaho Power.

Thank you!

Paris G. Dickerson

ECONOMIC AND COMMUNITY DEVELOPMENT ADVISOR

Idaho Power

Office 208-388-2022 | Mobile 406-546-2074

Email pdickerson@idahopower.com

10790 West Franklin Road | Boise, ID | 83709

From: Christy Acord <elmorecountyedpro@gmail.com>
Sent: Wednesday, August 28, 2024 2:00 PM
To: Dickerson, Paris <PDickerson@idahopower.com>
Subject: [EXTERNAL] Fwd: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90

Mountain Home

Good afternoon. Has the group run this solar farm through your office?

Christy Acord, Manager
Elmore County Rural Development
(208) 598-0886

----- Forwarded message -----

From: **David Abrahamson** <dabrahamson@elmorecounty.org>
Date: Wed, Aug 28, 2024, 1:44 PM
Subject: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
To: Mike Hollinshead <mhollinshead@elmorecounty.org>, Greg Berry <gberry@elmorecounty.org>, elmorecountyedpro@gmail.com <elmorecountyedpro@gmail.com>, bcopes@cdh.idaho.gov <bcopes@cdh.idaho.gov>, bro.admin@deq.idaho.gov <bro.admin@deq.idaho.gov>, blm_id_stateoffice@blm.gov <blm_id_stateoffice@blm.gov>, jmaffuccio@idahopower.com <jmaffuccio@idahopower.com>, pmeyers2@mindspring.com <pmeyers2@mindspring.com>, Claxton, Lisa A <lclaxton@blm.gov>, llasuen@earthlink.net <llasuen@earthlink.net>, Dawson,Bradley <bradley.dawson@idfg.idaho.gov>, flo.ghighina@itd.idaho.gov <flo.ghighina@itd.idaho.gov>, Alan Roberts <aroberts@elmorecounty.org>, breed@mountain-home.us <breed@mountain-home.us>, zlathim@idl.idaho.gov <zlathim@idl.idaho.gov>, marissa.warren@oer.idaho.gov <marissa.warren@oer.idaho.gov>, knute.sandahl@doi.idaho.gov <knute.sandahl@doi.idaho.gov>, nannette.blonshine@yahoo.com <nannette.blonshine@yahoo.com>, Justin Wootan <wootanj@gmail.com>, fwlidahoconsultationrequests@fws.gov <fwlidahoconsultationrequests@fws.gov>, ncooper@blm.gov <ncooper@blm.gov>, stefanie.kazyaka@id.nacd.net <stefanie.kazyaka@id.nacd.net>, d3development.services@itd.idaho.gov <d3development.services@itd.idaho.gov>, Dennis.c.stitt.mil@army.mil <Dennis.c.stitt.mil@army.mil>, SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>, georgia.clark@us.af.mil <georgia.clark@us.af.mil>, Nicole Coffey <nnutting@mountain-home.us>, Brenda Ellis <bellis@mountain-home.us>, Christopher Curtis <ccurtis@mountain-home.us>, mitchell.vermeer@isda.idaho.gov <mitchell.vermeer@isda.idaho.gov>, Flack,Brandon <brandon.flack@idfg.idaho.gov>, shsshpo@ishs.idaho.gov <shsshpo@ishs.idaho.gov>, colleenmoulton@fws.gov <colleenmoulton@fws.gov>
Cc: angie@ewsid.com <angie@ewsid.com>, Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>, arg@elamburke.com <arg@elamburke.com>, Kacey Ramsauer <kramsauer@elmorecounty.org>, Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>

Here is an application from Clenera to build a solar farm called Crimson Orchard.

They are looking to build solar panels with a battery storage area on 775 acres by Exit 90 and north of I84 up past Mashburn Rd.

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If you have any questions do not hesitate to contact me.

Sincerely,

David Abrahamson

Planner 1

520 E 2nd St.

Mountain Home, Idaho 83647

208-587-2142 ext 1269

208-598-5247 (cell)



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From: [Mike Hollinshead](#)
To: [David Abrahamson](#); [Greg Berry](#); elmorecountyedpro@gmail.com; bcopes@cdh.idaho.gov; bro.admin@deq.idaho.gov; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; [Claxton, Lisa A](#); llasuen@earthlink.net; [Dawson,Bradley](#); flo.ghighina@itd.idaho.gov; [Alan Roberts](#); breed@mountain-home.us; zlathim@idl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; [Justin Wootan](#); fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; d3development.services@itd.idaho.gov; Dennis.c.stitt.mil@army.mil; [SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA](#); georgia.clark@us.af.mil; [Nicole Coffey](#); [Brenda Ellis](#); [Christopher Curtis](#); mitchell.vermeer@isda.idaho.gov; [Flack,Brandon](#); marissa.warren@oer.idaho.gov; shsshpo@ishs.idaho.gov; colleenmoulton@fws.gov
Cc: angie@ewsid.com; [Suzy Cavanagh \(suzy.cavanagh@hdrinc.com\)](mailto:Suzy Cavanagh (suzy.cavanagh@hdrinc.com)); arg@elamburke.com; [Kacey Ramsauer](#); [Mitra Mehta-Cooper](#)
Subject: RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
Date: Wednesday, August 28, 2024 6:48:45 PM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)

From a Law Enforcement side I can see no issues at this point.

*Sheriff Mike Hollinshead
Elmore County
2255 East 8th North
Mountain Home, Idaho 83647
Phone: 208-587-3370 Ext. 1028*



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From: David Abrahamson <dabrahamson@elmorecounty.org>
Sent: Wednesday, August 28, 2024 1:44 PM
To: Mike Hollinshead <mhollinshead@elmorecounty.org>; Greg Berry <gberry@elmorecounty.org>; elmorecountyedpro@gmail.com; bcopes@cdh.idaho.gov; bro.admin@deq.idaho.gov; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; [Claxton,](#)

Lisa A <lclaxton@blm.gov>; llasuen@earthlink.net; Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; flo.ghighina@itd.idaho.gov; Alan Roberts <aroberts@elmorecounty.org>; breed@mountain-home.us; zlathim@idl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; Justin Wootan <wootanj@gmail.com>; fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; d3development.services@itd.idaho.gov; Dennis.c.stitt.mil@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>; georgia.clark@us.af.mil; Nicole Coffey <nnutting@mountain-home.us>; Brenda Ellis <bellis@mountain-home.us>; Christopher Curtis <ccurtis@mountain-home.us>; mitchell.vermeer@isda.idaho.gov; Flack,Brandon <brandon.flack@idfg.idaho.gov>; marissa.warren@oer.idaho.gov; shsshpo@ishs.idaho.gov; colleenmoulton@fws.gov
Cc: angie@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>; arg@elamburke.com; Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>

Subject: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

Here is an application from Clenera to build a solar farm called Crimson Orchard. They are looking to build solar panels with a battery storage area on 775 acres by Exit 90 and north of I84 up past Mashburn Rd.

Can you please review and send me your comments no later than September 17th, 2024.

If you have any questions do not hesitate to contact me.

Sincerely,

David Abrahamson
Planner 1
520 E 2nd St.
Mountain Home, Idaho 83647
208-587-2142 ext 1269
208-598-5247 (cell)



IN THE HOUSE OF REPRESENTATIVES

HOUSE BILL NO. 511, As Amended, As Amended in the Senate

BY TRANSPORTATION AND DEFENSE COMMITTEE

AN ACT

RELATING TO AERONAUTICS; AMENDING CHAPTER 5, TITLE 21, IDAHO CODE, BY THE ADDITION OF A NEW SECTION 21-515A, IDAHO CODE, TO ESTABLISH PROVISIONS RELATING TO THE MARKING AND LIGHTING OF CERTAIN TOWERS, TO PROVIDE FOR DEFINITIONS, TO PROVIDE FOR AN EXCEPTION AND TO PROVIDE FOR A MISDEMEANOR.

Be It Enacted by the Legislature of the State of Idaho:

SECTION 1. That Chapter 5, Title 21, Idaho Code, be, and the same is hereby amended by the addition thereto of a NEW SECTION, to be known and designated as Section 21-515A, Idaho Code, and to read as follows:

21-515A. HAZARDS TO AIR FLIGHT -- STANDARDS FOR GUYED TOWERS. (1) Any temporary or permanent guyed tower fifty (50) feet or more in height that is located outside the boundaries of an incorporated city or town on land that is primarily rural or undeveloped or used for agricultural purposes, or that is primarily desert, and where such guyed tower's appearance is not otherwise governed by state or federal law, rule or regulation, shall be lighted, marked and painted or otherwise constructed to be visible in clear air during daylight hours from a distance of not less than two thousand (2,000) feet. Guyed towers shall be required to be in accordance with the following:

(a) Guyed towers shall be painted in seven equal alternating bands of aviation orange and white. Such alternating bands shall begin with orange at the top of the tower and end with orange at the base.

(b) Guyed towers shall have a flashing light at the top of the tower. Such light shall be visible in clear air, with the naked eye, from a distance of two thousand (2,000) feet when flashing. Such light shall also be visible with night vision goggles.

(c) The surface area under the footprint of the tower and six (6) feet beyond the outer tower anchors shall have a contrasting appearance with any surrounding vegetation.

(d) Two (2) marker balls shall be attached to and evenly spaced on each of the outside guy wires.

(e) Guyed towers shall have a seven (7) foot long safety sleeve at each anchor point and shall extend from the anchor point along each guy wire attached to the anchor point.

(2) Any guyed tower that was erected prior to the effective date of this act shall be marked as required by the provisions of this section within one (1) year of the effective date of this act. Any guyed tower that is erected on or after the effective date of this act shall be marked as required by the provisions of this section at the time it is erected.

(3) For the purposes of this section, the following terms shall have the following meanings:

Carpenter, Kyle E NFG (USA)

From: CARPENTER, KYLE E Col USAF ANG JFHQ-ID/JFHQ-ID <kyle.carpenter@us.af.mil>
Sent: Wednesday, October 9, 2024 12:01 PM
To: Carpenter, Kyle E NFG (USA)
Subject: FW: Aviation Safety Measures
Attachments: eb-98-NVG.pdf; H0511E2.pdf; H0511E1A1.pdf; H0511E1.pdf; H0511.pdf

From: Fox, Brian Richard CW5 USARMY NG IDARNG (USA) <brian.r.fox.mil@army.mil>
Sent: Thursday, October 3, 2024 4:31 PM
To: Baun, Charles W NFG NG IDARNG (USA) <charles.w.baun.nfg@army.mil>; Amthor, Granger M COL USARMY NG IDARNG (USA) <granger.m.amthor.mil@army.mil>
Cc: CARPENTER, KYLE E Col USAF ANG JFHQ-ID/JFHQ-ID <kyle.carpenter@us.af.mil>
Subject: RE: Aviation Safety Measures

You don't often get email from brian.r.fox.mil@army.mil. [Learn why this is important](#)

Charlie,

I will look but I do not think I have that information anymore. But, Idaho did pass a law stating the required markings for MET towers. The big thing with them is they had to be painted and lighted. As for the lighting the lights need to be NVG compliant and operate with in the 450 to 920 nm wave length. This information can be pulled from the FAA. This is important because all of the lights on the windmill east of Mountain Home disappear under the goggles. (they can be seen just fine unaided but under goggles they disappear.)

V/r

CW5 Brian R. Fox
IDARNG Aviation Safety Officer
208-272-3965 work
208-440-4051 cell
Brian.r.fox.mil@army.mil

From: Baun, Charles W NFG NG IDARNG (USA) <charles.w.baun.nfg@army.mil>
Sent: Thursday, October 3, 2024 3:19 PM
To: Amthor, Granger M COL USARMY NG IDARNG (USA) <granger.m.amthor.mil@army.mil>; Fox, Brian Richard CW5 USARMY NG IDARNG (USA) <brian.r.fox.mil@army.mil>
Cc: Carpenter, Kyle E Col USAF NG IDARNG (USA) <kyle.carpenter@us.af.mil>
Subject: Aviation Safety Measures

Granger/Brian, we are working with Elmore County and the JLUS (joint land use study) group to develop design guidelines for wind and power projects. When Gateway West was going through, we worked with Brian to develop lighting recommendations for the power lines, and I think he also developed some guidelines for anemometer guide wires. We are asking the Counties and municipalities to coordinate with us on any structures over 50 feet (in the areas we train in or is a flight path), and we would like to add lighting requirements for power lines, guidewires, wind turbines, or other tall structures that may pose a safety issue for aviation.

If you have those, could you send those to us. They have a large plan on the docket that we were just made aware of, so we submitted a place holder for these issues. However, they need the specifics ASAP. Any assistance on this would be greatly appreciated. CB

Charlie Baun CIV
Conservation Branch Manager
Environmental Management Office
Idaho Army National Guard

Cell: 208-559-5360

Email: charles.w.baun.nfg@army.mil

“A healthy ecology is the basis for a healthy economy.” — Claudine Schneider

From: [Dawson,Bradley](#)
To: [David Abrahamson](#)
Subject: RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home
Date: Thursday, August 29, 2024 8:11:50 AM
Attachments: [image001.png](#)
[image002.png](#)

Thanks for the note David. I will take a look and get back some comments prior to Sep. 17.

Thanks,

Bradley

From: David Abrahamson <dabrahamson@elmorecounty.org>
Sent: Wednesday, August 28, 2024 1:44 PM
To: Mike Hollinshead <mhollinshead@elmorecounty.org>; Greg Berry <gberry@elmorecounty.org>; elmorecountyedpro@gmail.com; bcopes@cdh.idaho.gov; BRO Admin <BRO.Admin@deq.idaho.gov>; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; Claxton, Lisa A <lclaxton@blm.gov>; llasuen@earthlink.net; Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; flo.ghighina@itd.idaho.gov; Alan Roberts <aroberts@elmorecounty.org>; breed@mountain-home.us; zlathim@idl.idaho.gov; Marissa Warren <Marissa.Warren@oer.idaho.gov>; Knute Sandahl <Knute.Sandahl@doi.idaho.gov>; nannette.blonshine@yahoo.com; Justin Wootan <wootanj@gmail.com>; fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; d3development.services@itd.idaho.gov; Dennis.c.stitt.mil@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>; georgia.clark@us.af.mil; Nicole Coffey <nnutting@mountain-home.us>; Brenda Ellis <bellis@mountain-home.us>; Christopher Curtis <ccurtis@mountain-home.us>; Mitchell Vermeer <Mitchell.Vermeer@ISDA.IDAHO.GOV>; Flack,Brandon <brandon.flack@idfg.idaho.gov>; Marissa Warren <Marissa.Warren@oer.idaho.gov>; SHS SHPO <shsshpo@ishs.idaho.gov>; colleenmoulton@fws.gov
Cc: angie@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>; arg@elamurke.com; Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>
Subject: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

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Here is an application from Clenera to build a solar farm called Crimson Orchard. They are looking to build solar panels with a battery storage area on 775 acres by Exit 90 and north of I84 up past Mashburn Rd.

Can you please review and send me your comments no later than September 17th, 2024.

If you have any questions do not hesitate to contact me.

Sincerely,

David Abrahamson
Planner 1
520 E 2nd St.
Mountain Home, Idaho 83647
208-587-2142 ext 1269
208-598-5247 (cell)



From: [Reighn, Chris](#)
To: [David Abrahamson](#)
Cc: [Kacey Ramsauer](#); [Mitra Mehta-Cooper](#); [Kolts, Jaan B](#); [Flack, Brandon](#)
Subject: CUP-2024-18 - USFWS comments RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home - Crimson Orchard
Date: Tuesday, September 10, 2024 11:08:34 AM
Attachments: [image003.png](#)
[image004.png](#)
[image001.png](#)
[image006.png](#)
[image.png](#)
[LEPA Inventory Standards_Final.doc](#)

Hello David,

Thank you for providing the US Fish and Wildlife Service an opportunity to provide comments regarding this Conditional Use Permit (CUP) application for the Crimson Orchard Solar Project.

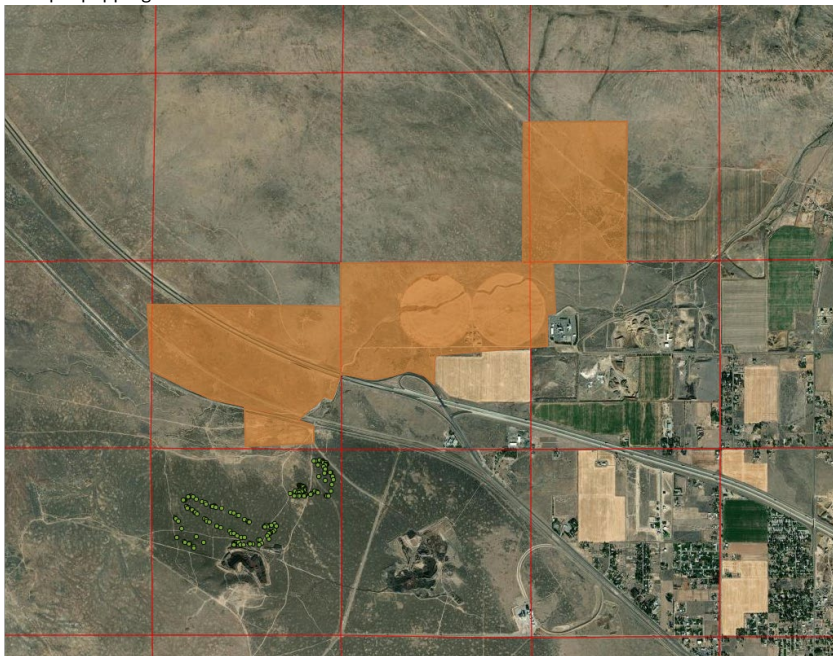
Lepidium papilliferum (slickspot peppergrass) is a plant listed as threatened under the Endangered Species Act. This species occurs in southwest Idaho and nowhere else in the world.

The nearest known population to the project area is immediately south of the western portion of the project area - see figure below. Given the proximity of a known population and general habitat characteristics, the project area is reasonably likely to be occupied by slickspot peppergrass. Please consider requiring surveys for slickspot peppergrass prior to any ground disturbing activities associated with the project.

If slick spots (unique habitats necessary for slickspot peppergrass to persist) or slickspot peppergrass itself are found, the US Fish and Wildlife Service would be happy to work with the project proponent to avoid or minimize impacts to this listed species and its habitat. The survey protocol is attached.

Orange polygon - approximate project area

Green dots - slickspot peppergrass



The following comment is provided pursuant to Secretarial Order 3362 - Improving habitat quality in western big-game winter range and migration corridors.

Similar to the recommendation made by the Idaho Department of Fish and Game, where permanent security fences are necessary, please consider requiring the top bar of the fence to be at least eighty-four inches (84") tall to discourage big game from jumping and prevent their impalement or entanglement. Please also consider requiring the top of the fence be marked in a way to increase visibility to further discourage big game from jumping.

Thank you for your continued interest in the conservation of threatened and endangered species and management of big game habitat. If you have any questions regarding these comments, please don't hesitate to contact me.

Regards,

Chris Reighn
Biologist

U.S. Fish and Wildlife Service
Idaho Fish and Wildlife Office
Boise, Idaho
208-510-5426

From: Idaho Consultation Requests, FW1 <fw1idahoconsultationrequests@fws.gov>
Sent: Monday, September 9, 2024 1:40 PM
To: Reignn, Chris <chris_reighn@fws.gov>; Curtis, Jeffrey D <jeffrey_curtis@fws.gov>
Subject: FW: [EXTERNAL] RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

Jaen from the consultation inbox. I think we talked about this one?

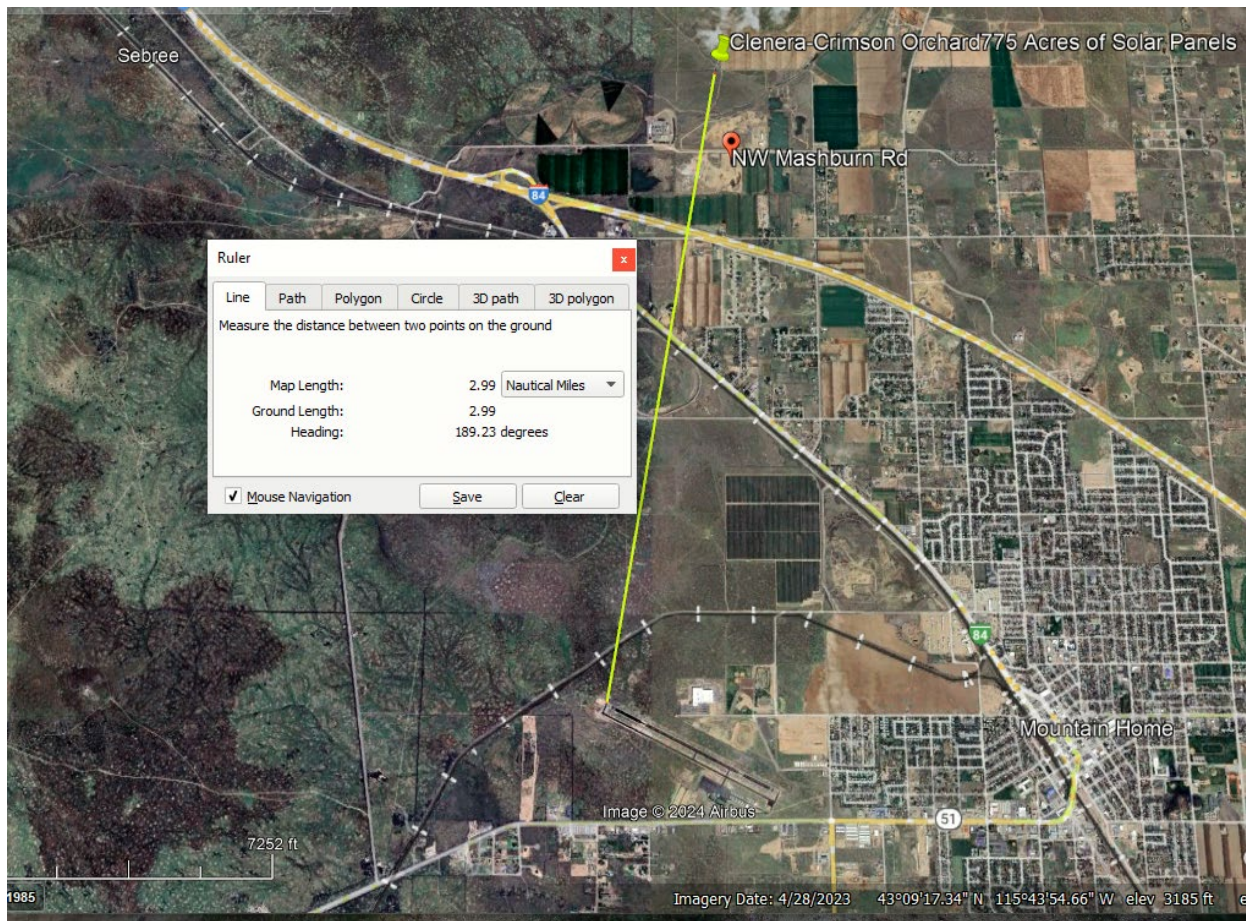
Jaen Kolts (he/him)
Supervisory Fish and Wildlife Biologist
U.S. Fish and Wildlife Service, Idaho Office
1387 S. Vinnell Way, Suite 368
Boise, ID 83709
Cell: 208-576-0722
Office: 208-378-5266
jaen_kolts@fws.gov

From: Flo Ghighina <Flo.Ghighina@itd.idaho.gov>
Sent: Tuesday, September 3, 2024 8:12 AM
To: David Abrahamson <dabrahamson@elmorecounty.org>; Mike Hollinshead <mhollinshead@elmorecounty.org>; Greg Berry <gberry@elmorecounty.org>; elmorecountyedpro@gmail.com; bcopies@cdh.idaho.gov; bro.admin@deq.idaho.gov; StateOffice, BLM_ID <BLM_ID_StateOffice@blm.gov>; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; Claxton, Lisa A <lclaxton@blm.gov>; llasuen@earthlink.net; Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; Alan Roberts <aroberts@elmorecounty.org>; breed@mountain-home.us; zlathim@idl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; Justin Wootan <wootanj@gmail.com>; Idaho Consultation Requests, FW1 <fw1idahoconsultationrequests@fws.gov>; Cooper, Natalie M <ncooper@blm.gov>; stefanie.kazyaka@id.nacd.net; D3 Development Services <D3Development.Services@itd.idaho.gov>; Dennis.c.stitt.mil@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>; georgia.clark@us.af.mil; Nicole Coffey <nnutting@mountain-home.us>; Brenda Ellis <bellis@mountain-home.us>; Christopher Curtis <ccurtis@mountain-home.us>; mitchell.vermeer@isda.idaho.gov; Flack,Brandon <brandon.flack@idfg.idaho.gov>; marissa.warren@oer.idaho.gov; shshspo@ishs.idaho.gov; colleenmoulton@fws.gov
Cc: angie@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>; arg@elamburke.com; Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>
Subject: [EXTERNAL] RE: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

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Hello David,

The Idaho Div. of Aeronautics has received and reviewed your request for comments regarding the Clenera Solar Farm called Crimson Orchard. Subsequent to our aeronautical study, the Idaho Div. of Aeronautics has no objection to your project. Good luck and have a great day!



Best regards,

Flo Ghighina
Airport Inspector/Obstructions Evaluator
 ITD-Division of Aeronautics
 Ph: 208-334-8895
 Cell: 208-866-1558
<http://www.itd.idaho.gov/aero>
<https://www.facebook.com/idahoeronautics>



From: David Abrahamson <dabrahamson@elmorecounty.org>
Sent: Wednesday, August 28, 2024 1:44 PM
To: Mike Hollinshead <mhollinshead@elmorecounty.org>; Greg Berry <gberry@elmorecounty.org>; elmorecountyedpro@gmail.com; bcopes@cdh.idaho.gov; bro.admin@deq.idaho.gov; blm_id_stateoffice@blm.gov; jmaffuccio@idahopower.com; pmeyers2@mindspring.com; Claxton, Lisa A <lclaxton@blm.gov>; llasuen@earthlink.net; Dawson,Bradley <bradley.dawson@idfg.idaho.gov>; Flo Ghighina <Flo.Ghighina@itd.idaho.gov>; Alan Roberts <aroberts@elmorecounty.org>; breed@mountain-home.us; zlathim@idl.idaho.gov; marissa.warren@oer.idaho.gov; knute.sandahl@doi.idaho.gov; nannette.blonshine@yahoo.com; Justin Wootan <wootanj@gmail.com>; fw1idahoconsultationrequests@fws.gov; ncooper@blm.gov; stefanie.kazyaka@id.nacd.net; D3 Development Services <D3Development.Services@itd.idaho.gov>; Dennis.c.stitt.mil@army.mil; SCHMIDT, BYRON L GS-11 USAF ACC 366 A2 3 5/A3TA <Byron.Schmidt@us.af.mil>; georgia.clark@us.af.mil; Nicole Coffey <nutting@mountain-home.us>; Brenda Ellis <bellis@mountain-home.us>; Christopher Curtis <ccurtis@mountain-home.us>; mitchell.vermeer@isda.idaho.gov; Flack,Brandon <brandon.flack@idfg.idaho.gov>; marissa.warren@oer.idaho.gov; shshspo@ishs.idaho.gov; colleenmoulton@fws.gov
Cc: angie@ewsid.com; Suzy Cavanagh (suzy.cavanagh@hdrinc.com) <suzy.cavanagh@hdrinc.com>; arg@elamurke.com; Kacey Ramsauer <kramsauer@elmorecounty.org>; Mitra Mehta-Cooper <mmehtacooper@elmorecounty.org>
Subject: Conditional Use Permit CUP-2024-18 Solar Farm by Exit 90 Mountain Home

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Sincerely,

David Abrahamson
Planner 1
520 E 2nd St.
Mountain Home, Idaho 83647
208-587-2142 ext 1269
208-598-5247 (cell)



ATTACHMENT E
COMPLETENESS MEMO



Land Use and Building Department

520 East 2nd South Street
Mountain Home, ID 83647
Phone: (208) 587-2142 ext. 1255
Fax: (208) 587-2120
www.elmorecounty.org

Mitra Mehta-Cooper
Director

Wednesday, October 23, 2024

David Abrahamson
Planner

Sent Via Electronic Mail: cara.mahler@clenera.com

Kacey Ramsauer
Planner

To: Clenera LLC
999 W Main Suite 800
Boise, Idaho 83701

Johnny Hernandez
Building Official

Colton Janousek
Building Inspector

Re: Crimson Orchard Solar LLC CUP Completeness Memo

James Roddin
Admin Manager

I am writing to you as the Applicant of the proposed Solar Farm Conditional Use Permit (CUP-2024-18) by Crimson Orchard Solar LLC, located in unincorporated areas of Elmore County, east and west side of Interstate 84 by Exit 90. I have determined that the following pre-application actions have taken place for this proposal.

Vacant
Code Enforcement

Sandra Nuner
Permit Technician

- On April 8, 2024, and July 31, 2024, you and your team met with Director Mitra Mehta-Cooper and David Abrahamson for a pre-application meeting.
- You held two pre-application neighborhood meetings, one on July 8, 2024, and the other on July 9, 2024.
- You submitted an application for Condition Use Permit (CUP-2024-18) along with information packet and required fees on July 29, 2024.
- I transmitted application packet to agencies on September 26, 2024.
- I discussed this proposal at agency coordination meetings on September 21, 2024, and October 9, 2024.

Alyssa Nieto
Administrative Assistant

These actions deem your pre-application requirements complete as outlined in the Elmore County Zoning and Development Ordinance Sections 7-3-2, 3, and.

I have determined this application packet procedurally complete, with the following outstanding information that were requested at pre-application meeting with Director:

1. Development Agreement with Decommission Plan:
2. Master Site Plan, if you want to have some flexibility in location of site improvements:
3. Floodplain Application; and
4. Hillside Data/Application.
5. Visual Impact Analysis.
6. Economic Impact Analysis

I have attached memos from HDR Inc., the County's Professional Planning Services Firm, and Angie Micheals, the County's Consulting Engineer, with their recommendations on additional technical information needed to complete review of this application.

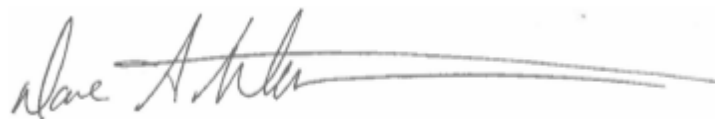
I have also attached agency comments to this memo that have been received through this date.

Staff is working towards a Public Workshop on December 19, 2024, during regular Planning and Zoning meeting for this application. In order to make it meaningful, staff will need you to submit the above outstanding information by November 20, 2024. Please let me know if these dates are feasible for you and your team or we should reconsider a future date.

I hope that you and your professional team understand that this letter means that we have reviewed this application packet from its overall completeness perspective, and not every technical and design details of the proposal are reviewed. Those details will be flushed out after additional discussions during the upcoming review process.

On behalf of Elmore County, I am excited to kick-start the review process for the Crimson Orchard Solar project and am looking forward to work with you and your team.

With regards,



David Abrahamson



Attachments:

- A: HDR's Determination of Completeness.
- B: Engineering with a Mission LLC, Floodplain expectations and floodplain map.
- C: Central District Health comment form.
- D: City of Mountain Home comment letter.
- E: Department of Environmental Quality comment letter.
- F: Emergency Medical Services comment email.
- G: Idaho Governor's Office of Energy and Mineral Resources comment email.
- H: Idaho Fish and Game comment letter.

I: Idaho Transportation Department comment email.
J: Idaho Transportation Department Division of Aeronautics comment email.
K: Rural Development and Idaho Power comment email.
L: Elmore County Sherriff comment email.
M: United States Fish and Wildlife Services comment email.
N: Bureau of Land Management comment letter.

CC:

Mitra Mehta-Cooper, Elmore County Land Use and Building Department Director
Suzy Cavanagh, HDR Senior Project Manager
Angie Micheals P.E., CFM, Engineering with a Mission LLC
Abby Germaine, Shareholder Elam & Burke Legal Counsel
Amanda Schaus, Senior Real Estate Counsel
Kacey Ramsaur, Planner, Elmore County

ATTACHMENT
F.1 THRU F.8
CRIMSON ORCHARD LLC
INFORMATION

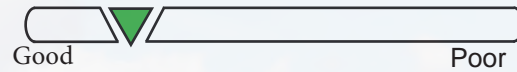
Sun and Weather



**Partly
Cloudy**

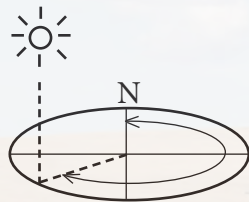
Date:
9-13-24
Photo Time:
3:04 pm

Visibility:



Air Quality: Good

Sun Azimuth (degrees):



228.93

Sun Angle (degrees): **38.81**

Lighting Angle on Project:

Side Lit

Wind:

0 mph

Cloud Cover:

40 %

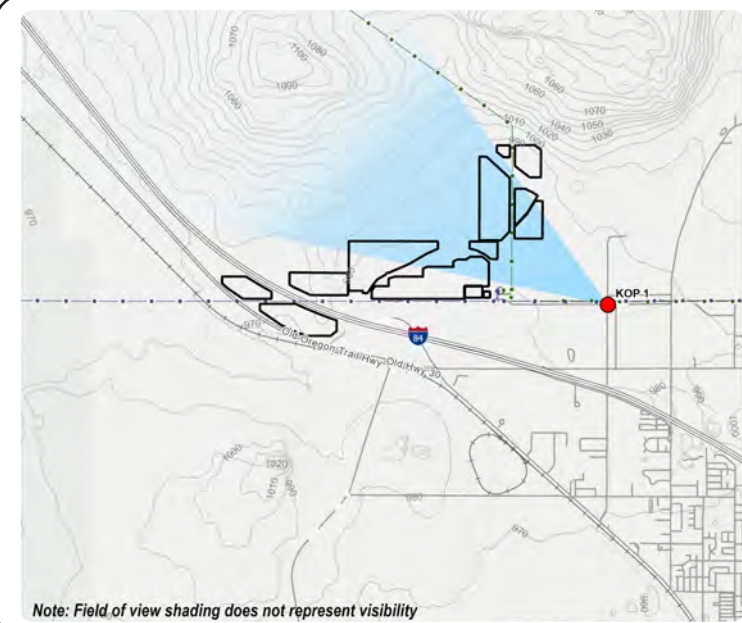
Temperature (°F):

70°F

*Panels are facing west to reflect
PM conditions*

*Simulation was prepared using information provided
by client. Locations, colors, and heights may vary
based on final engineering and design.*

Crimson Orchard Solar Project



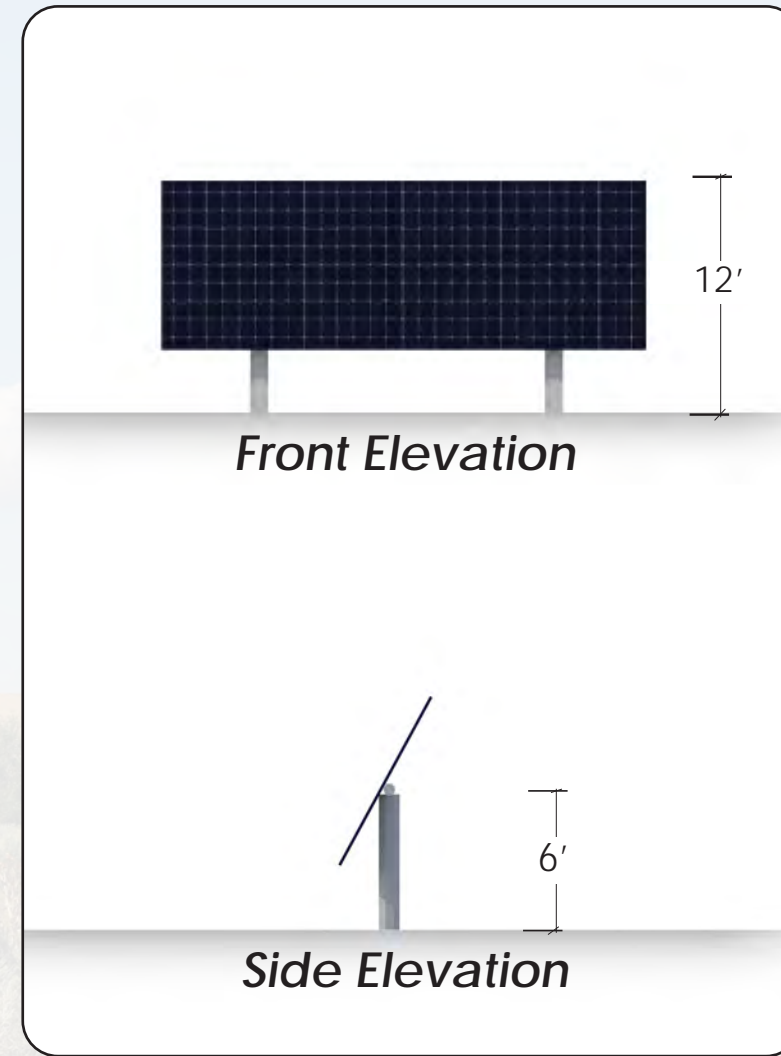
Note: Field of view shading does not represent visibility



Approximate Distance to Nearest Solar Panel:

0.75 mile

Project Location



Structure Diagram

KOP 1 - Intersection of NW Mashburn Road and NW Standish Ave

Base Photographic Documentation

Latitude, Longitude (degrees):

43.17724, -115.71712

Viewpoint Elevation (feet): **3,237**

Camera Height (meters): **1.5**

Camera Heading (degrees):
300

Camera Make & Model:

Canon EOS 5D Mark IV

Camera Sensor Size (mm):

36 x 24 Full Frame

Lens Make & Model:

AF-P Nikkor

Lens Focal Length (mm):
50

Image Size (pixels):
6720 x 4480

*Viewing Instructions: Printed at 100% the resulting
simulation is 16 inches wide by 10 inches high. At this
size and focal length, the simulation should be viewed
at arms length (24 inches). If viewed on a computer
monitor, scale should be 100%.*

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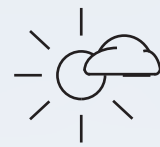


KOP 1: View from Intersection of NW Mashburn Road and NW Standish Ave looking northwest - Existing Condition



KOP 1: View from Intersection of NW Mashburn Road and NW Standish Ave looking northwest - Simulated Condition

Sun and Weather



**Partly
Cloudy**

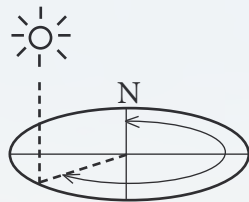
Date:
9-13-24
Photo Time:
3:13 pm

Visibility:



Air Quality: Good

Sun Azimuth (degrees):



231.56

Sun Angle (degrees): **37.41**

Lighting Angle on Project:

Side Lit

Wind:

0 mph

Cloud Cover:

40 %

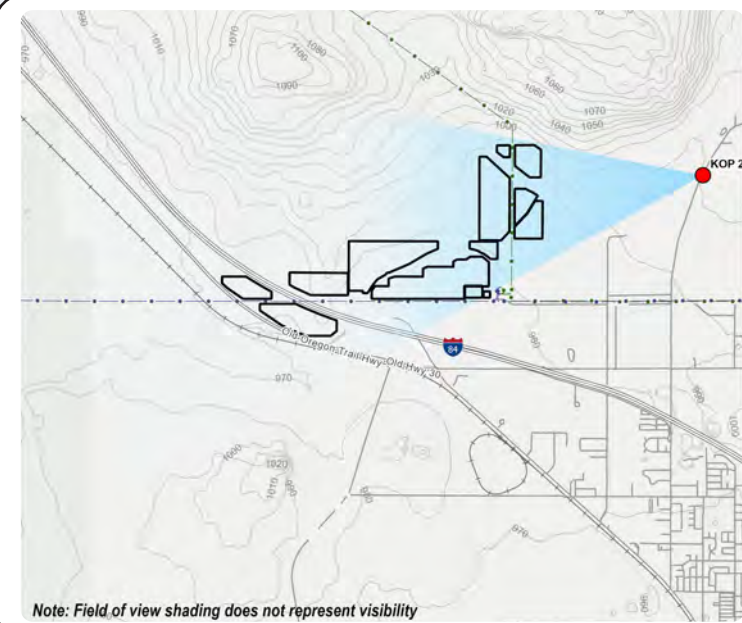
Temperature (°F):

70°F

*Panels are facing west to reflect
PM conditions*

*Simulation was prepared using information provided
by client. Locations, colors, and heights may vary
based on final engineering and design.*

Crimson Orchard Solar Project



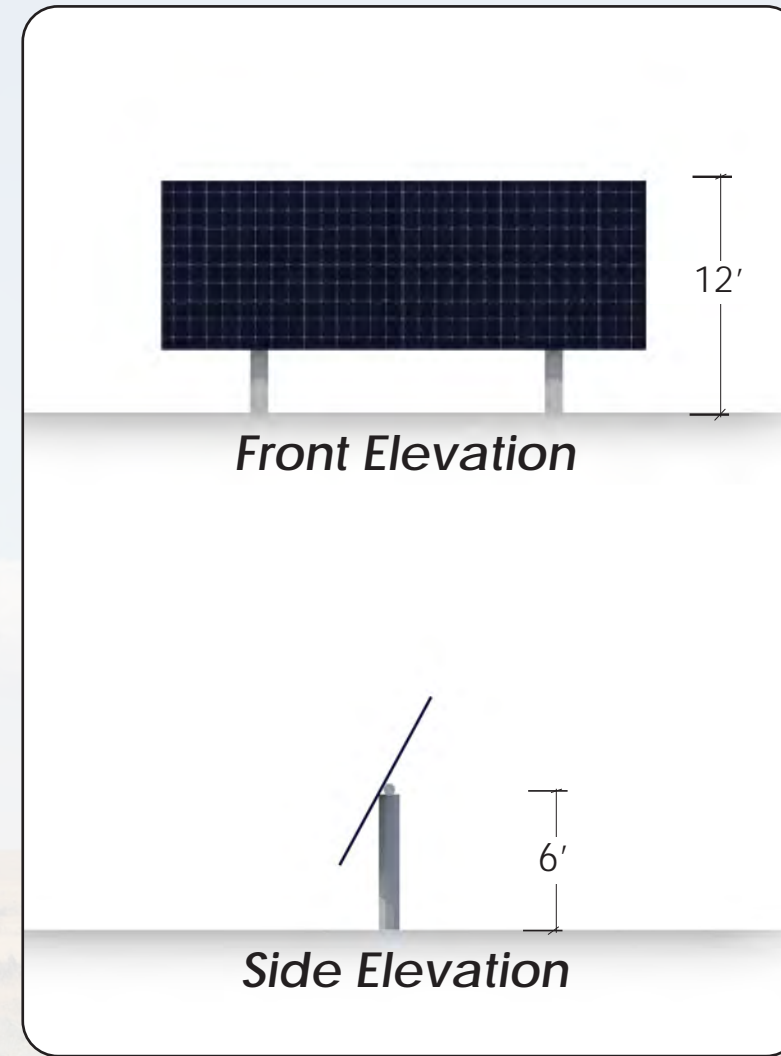
Note: Field of view shading does not represent visibility



Approximate Distance to Nearest Solar Panel:

1.25 miles

Project Location



Front Elevation

Side Elevation

Structure Diagram

KOP 2 - Canyon Creek Road

Base Photographic Documentation

Latitude, Longitude (degrees):

43.19192, -115.70252

Viewpoint Elevation (feet): **1,278**

Camera Height (meters): **1.5**

Camera Heading (degrees):
260

Camera Make & Model:

Canon EOS 5D Mark IV

Camera Sensor Size (mm):

36 x 24 Full Frame

Lens Make & Model:

AF-P Nikkor

Lens Focal Length (mm):

50

Image Size (pixels):

6720 x 4480



Extent of Single Frame Simulation

*Viewing Instructions: Printed at 100% the resulting
simulation is 16 inches wide by 10 inches high. At this
size and focal length, the simulation should be viewed
at arms length (24 inches). If viewed on a computer
monitor, scale should be 100%.*

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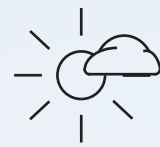


KOP 2: View from Canyon Creek Road looking west - Existing Condition



KOP 2: View from Canyon Creek Road looking west - Simulated Condition

Sun and Weather



**Partly
Cloudy**

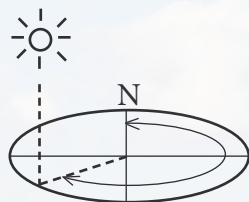
Date:
9-13-24
Photo Time:
2:36 pm

Visibility:



Air Quality: Good

Sun Azimuth (degrees):



221.32

Sun Angle (degrees): **42.28**

Lighting Angle on Project:

Side Lit

Wind:

0 mph

Cloud Cover:

30 %

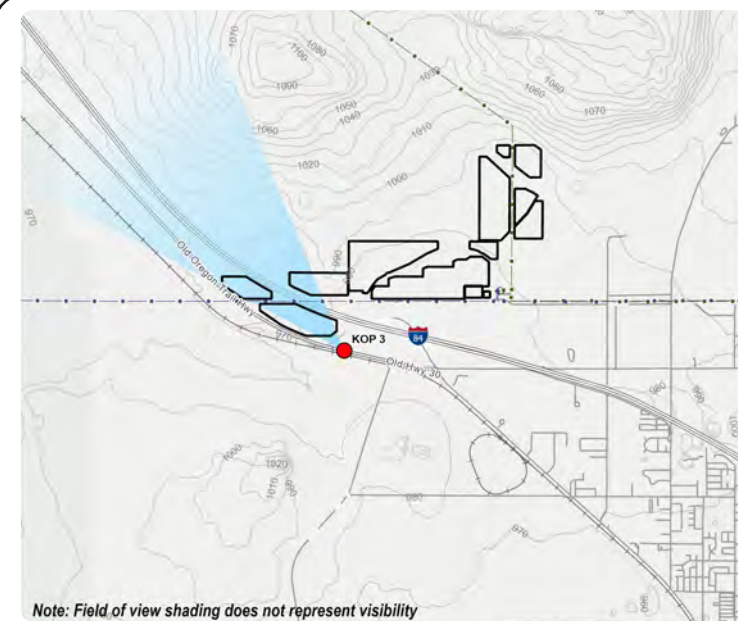
Temperature (°F):

70°F

*Panels are facing west to reflect
PM conditions*

*Simulation was prepared using information provided
by client. Locations, colors, and heights may vary
based on final engineering and design.*

Crimson Orchard Solar Project



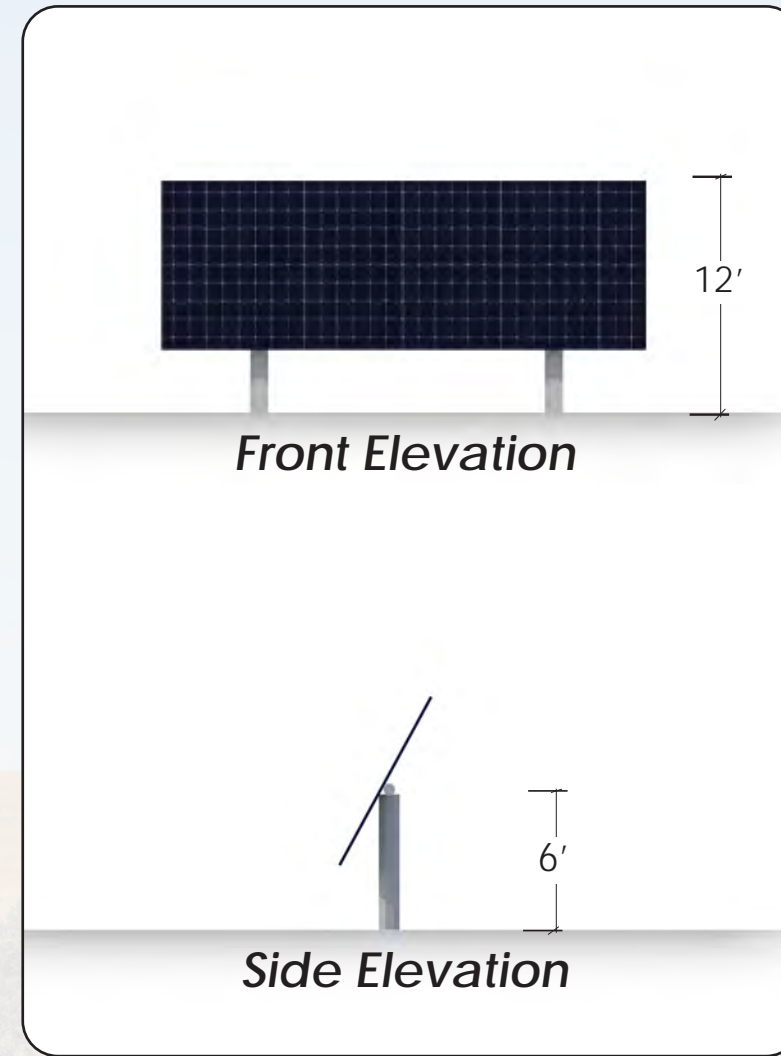
Note: Field of view shading does not represent visibility



Approximate Distance to Nearest Solar Panel:

0.2 mile

Project Location



Structure Diagram

KOP 3 - Old Oregon Trail Highway

Base Photographic Documentation

Latitude, Longitude (degrees):

43.17201, -115.75786

Viewpoint Elevation (feet): **3,187**

Camera Height (meters): **1.5**

Camera Heading (degrees):
320

Camera Make & Model:
Canon EOS 5D Mark IV

Camera Sensor Size (mm):
36 x 24 Full Frame

Lens Make & Model:
AF-P Nikkor

Lens Focal Length (mm):
50

Image Size (pixels):
6720 x 4480

*Viewing Instructions: Printed at 100% the resulting
simulation is 16 inches wide by 10 inches high. At this
size and focal length, the simulation should be viewed
at arms length (24 inches). If viewed on a computer
monitor, scale should be 100%.*

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Extent of Single Frame Simulation

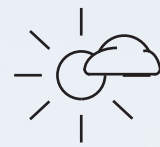


KOP 3: View from Old Oregon Trail Highway looking northwest - Existing Condition



KOP 3: View from Old Oregon Trail Highway looking northwest - Simulated Condition

Sun and Weather



**Partly
Cloudy**

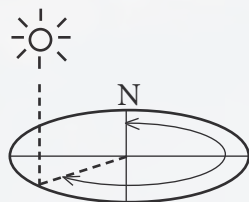
Date:
9-13-24
Photo Time:
3:27 pm

Visibility:



Air Quality: Good

Sun Azimuth (degrees):



235

Sun Angle (degrees): **35.37**

Lighting Angle on Project:

Side Lit

Wind:

0 mph

Cloud Cover:

30 %

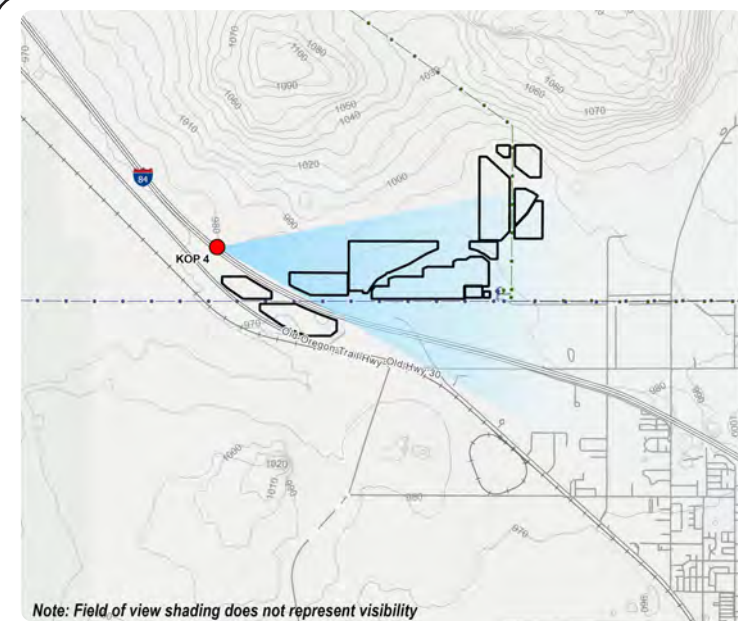
Temperature (°F):

73°F

*Panels are facing west to reflect
PM conditions*

*Simulation was prepared using information provided
by client. Locations, colors, and heights may vary
based on final engineering and design.*

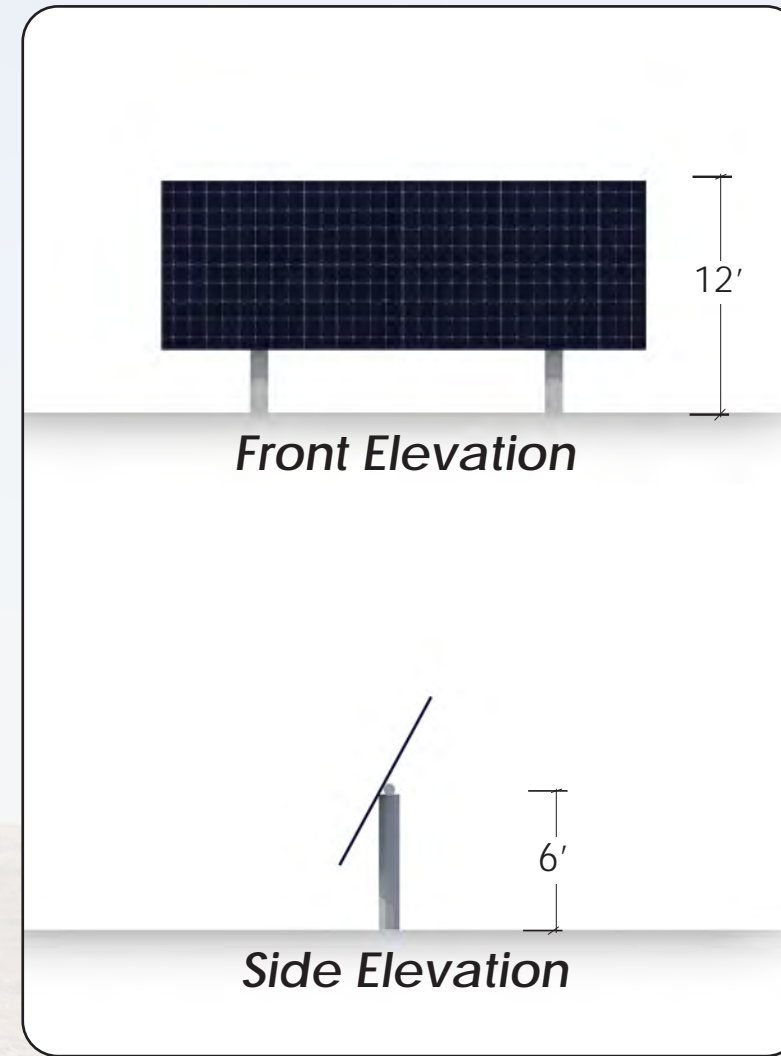
Crimson Orchard Solar Project



Approximate Distance to Nearest Solar Panel:

0.25 mile

Project Location



Structure Diagram

KOP 4 - Interstate 84

Base Photographic Documentation

Latitude, Longitude (degrees):

43.18366, -115.77754

Viewpoint Elevation (feet): **3,209**

Camera Height (meters): **1.5**

Camera Heading (degrees):
320

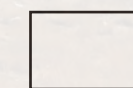
Camera Make & Model:
Canon EOS 5D Mark IV

Camera Sensor Size (mm):
36 x 24 Full Frame

Lens Make & Model:
AF-P Nikkor

Lens Focal Length (mm):
50

Image Size (pixels):
6720 x 4480



*Viewing Instructions: Printed at 100% the resulting
simulation is 16 inches wide by 10 inches high. At this
size and focal length, the simulation should be viewed
at arms length (24 inches). If viewed on a computer
monitor, scale should be 100%.*

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KOP 4: View from Interstate 84 looking east - Existing Condition



KOP 4: View from Interstate 84 looking east - Simulated Condition

Sun and Weather



**Partly
Cloudy**

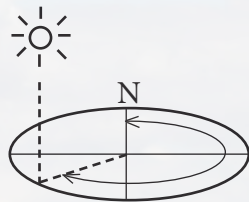
Date:
9-13-24
Photo Time:
2:45 pm

Visibility:



Air Quality: Good

Sun Azimuth (degrees):



228.93

Sun Angle (degrees): **38.81**

Lighting Angle on Project:

Side Lit

Wind:

0 mph

Cloud Cover:

40 %

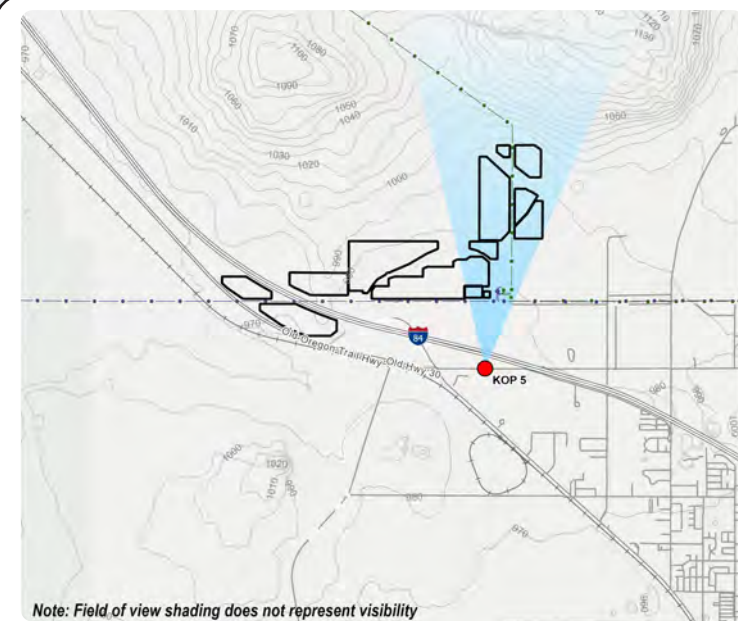
Temperature (°F):

70°F

*Panels are facing west to reflect
PM conditions*

*Simulation was prepared using information provided
by client. Locations, colors, and heights may vary
based on final engineering and design.*

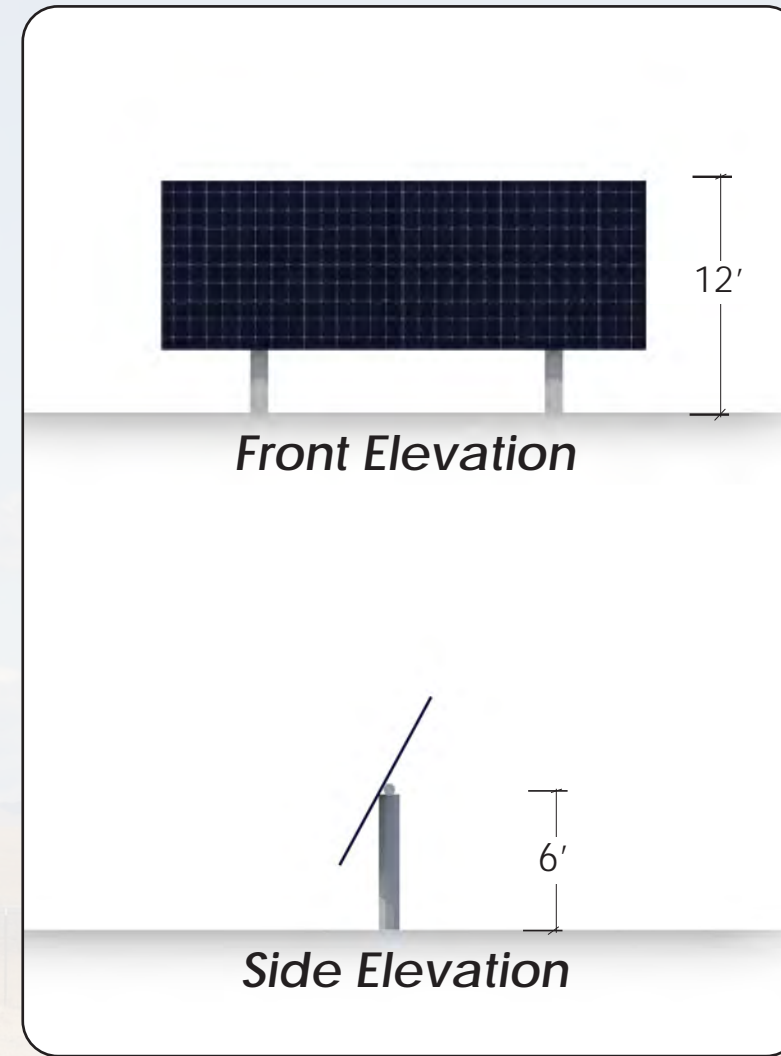
Crimson Orchard Solar Project



Approximate Distance to Nearest Solar Panel:

0.65 mile

Project Location



Structure Diagram

KOP 5 - W Frontage Road

Base Photographic Documentation

Latitude, Longitude (degrees):

43.821915, -83.183784

Viewpoint Elevation (feet): **3,209**

Camera Height (meters): **1.5**

Camera Heading (degrees):
0

Camera Make & Model:
Canon EOS 5D Mark IV

Camera Sensor Size (mm):
36 x 24 Full Frame

Lens Make & Model:
AF-P Nikkor

Lens Focal Length (mm):
50

Image Size (pixels):
6720 x 4480

*Viewing Instructions: Printed at 100% the resulting
simulation is 16 inches wide by 10 inches high. At this
size and focal length, the simulation should be viewed
at arms length (24 inches). If viewed on a computer
monitor, scale should be 100%.*

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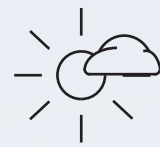


KOP 5: View from W Frontage Road looking north - Existing Condition



KOP 5: View from W Frontage Road looking north - Simulated Condition

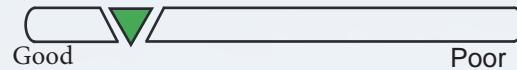
Sun and Weather



**Partly
Cloudy**

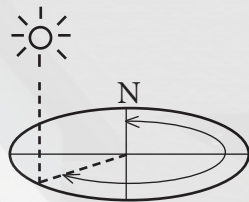
Date:
9-13-24
Photo Time:
2:53 pm

Visibility:



Air Quality: Good

Sun Azimuth (degrees):



228.93

Sun Angle (degrees): **38.81**

Lighting Angle on Project:

Side Lit

Wind:

0 mph

Cloud Cover:

40 %

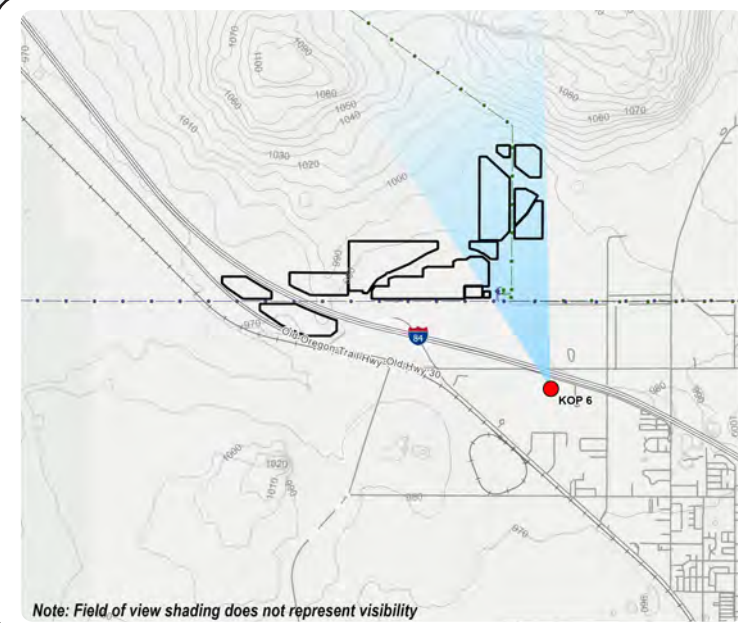
Temperature (°F):

70°F

*Panels are facing west to reflect
PM conditions*

*Simulation was prepared using information provided
by client. Locations, colors, and heights may vary
based on final engineering and design.*

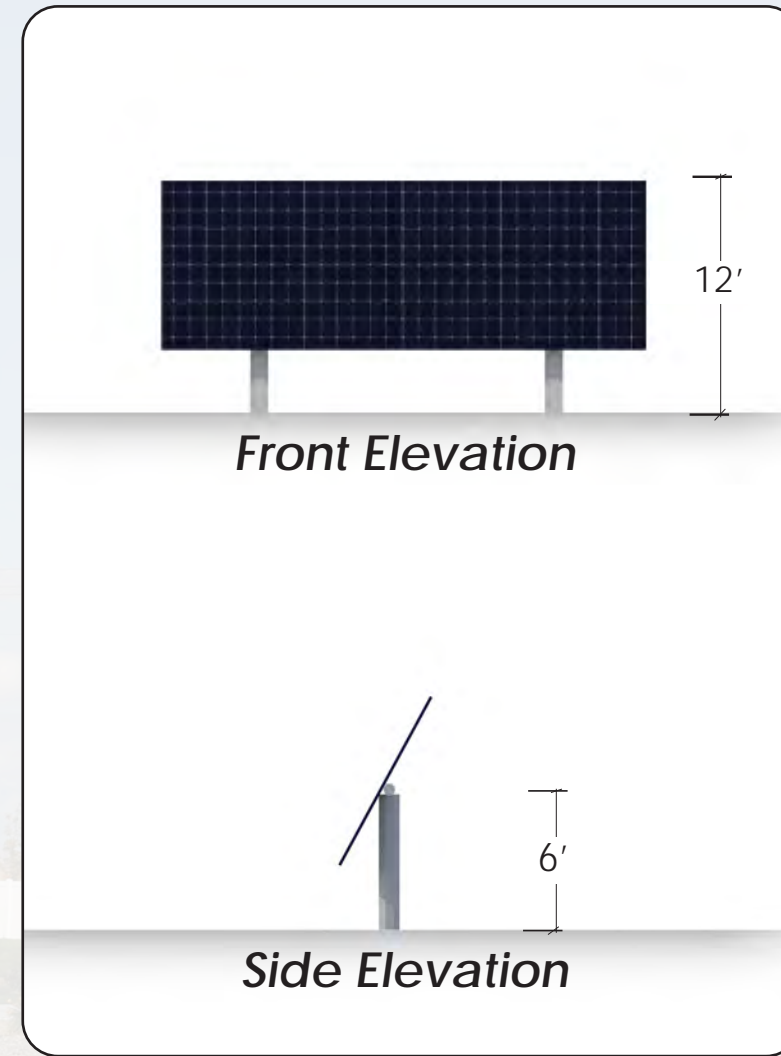
Crimson Orchard Solar Project



Approximate Distance to Nearest Solar Panel:

1.25 miles

Project Location



Structure Diagram

KOP 6 - NW Purple Sage Circle

Base Photographic Documentation

Latitude, Longitude (degrees):

43.16776, -115.72592

Viewpoint Elevation (feet): **3,210**

Camera Height (meters): **1.5**

Camera Heading (degrees):
350

Camera Make & Model:

Canon EOS 5D Mark IV

Camera Sensor Size (mm):

36 x 24 Full Frame

Lens Make & Model:

AF-P Nikkor

Lens Focal Length (mm):

50

Image Size (pixels):

6720 x 4480

*Viewing Instructions: Printed at 100% the resulting
simulation is 16 inches wide by 10 inches high. At this
size and focal length, the simulation should be viewed
at arms length (24 inches). If viewed on a computer
monitor, scale should be 100%.*

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KOP 6: View from NW Purple Sage Circle looking northwest - Existing Condition



KOP 6: View from NW Purple Sage Circle looking northwest - Simulated Condition

This image does not represent a simulated condition. The purpose of this image is to highlight the modeled location of the structures which may otherwise be difficult for viewers to discern in the simulated condition.



KOP 6: View from NW Purple Sage Circle looking northwest - Color Overlay

DRAFT DECOMMISSIONING PLAN

CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

Draft Decommissioning Plan Crimson Orchard Solar LLC Generating Facility and BESS

Elmore County, Idaho

Prepared for:

Crimson Orchard Solar LLC

c/o Clenera, LLC

999 W. Main St | Suite 800

Boise, Idaho 83702

Prepared by:

PVinsight, Inc.

5717 Legacy Dr | Suite #250

Plano, TX 75024

November 21, 2024

This document entitled Decommissioning Plan – Crimson Orchard Solar LLC Generating Facility and BESS, Elmore County, Idaho, was prepared by PVinsight (“PVI”) for the use of Clenera, LLC (the “Client”), and the applicable regulatory agencies. Any reliance on this document by any other third party is strictly prohibited. The material in this document reflects PVI’s professional judgment considering the scope, schedule and other limitations stated in the document and in the contract between PVI and the Client. The opinions in this document are based on the conditions and information existing at the time this document was published and do not consider any subsequent changes.

Hemal Shah, CEO and Co-Founder | PVinsight

DRAFT DECOMMISSIONING PLAN

CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

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CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

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DRAFT

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CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

1.0 INTRODUCTION

Crimson Orchard Solar LLC (“Crimson Orchard”), and/or successors and assigns, is proposing to construct and operate a 100MWac utility-scale solar generation facility (“Generation Facility”) and a 100MW Battery Energy Storage System (“BESS”), hereafter known as (“the Project”) in Elmore County, Idaho. The Project will construct the Generation Facility and the BESS in phases that may overlap.

The Project boundary encompasses approximately 1060 acres, with only a portion of the acreage being used for infrastructure. The major components of the Generation Facility include photovoltaic modules, racking systems, inverters, Medium Voltage Skids (“MVS”), perimeter fencing, access roads, Operations and Management (“O&M”) facilities, and a Project Substation. The BESS major components include BESS containers, Power Conversion Systems (“PCS”), MVS, pad, O&M Facilities, perimeter fencing.

This Decommissioning Plan (“Plan”) provides a description of the decommissioning and restoration phase of the Project. Start of construction is anticipated to be Fall/Winter 2025 with an anticipated Commercial Operation Date of Winter 2026/Spring 2027. The Project will consist of the installation of perimeter fencing; solar arrays and associated racking system, foundations, and steel piles; MVS; access and internal roads; electrical collection system, BESS, and Project Substation (Figure 1).

This Plan is applicable to the decommissioning/deconstruction and restoration phases of the Project. A summary of the components to be removed is provided in Section 1.1. A summary of the estimated costs associated with decommissioning the Project is also provided in Section 5.0.

1.1 PROJECT COMPONENTS

The main components of the Project include:

- Photovoltaic modules (“Modules”) and racking system
- Foundations and steel piles
- Power Conversion System (“PCS”)/ Inverters
- Medium Voltage Skids (“MVS”)
- Electrical cables and conduits
- Site access roads
- Perimeter fencing
- O&M Facilities
- Project Substation
- BESS

1.2 TRIGGERING EVENTS AND EXPECTED LIFETIME OF PROJECT

While the Project is in operation associated equipment shall be maintained and in operating condition as necessary. Should any part of the Generation Facility or BESS be damaged, the

DRAFT DECOMMISSIONING PLAN

CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

owner or operator shall cure any deficiency within ninety (90) days after written notice from the County, provided that if such cure reasonably requires longer than ninety (90) days, such ninety (90) day period shall be extended for a time reasonably required to complete such cure, provided owner or operator diligently pursues such cure through completion.

Decommissioning and reclamation of the site shall begin within 180-days of the termination of the land lease agreement between the Project Company, or its successor in interest and the Lessor of the site or the Lessor's successor in interest. Crimson Orchard shall remove all improvements related to the Generating Facility and BESS on the surface of the land to a depth of 36-inches below the surface

The Generating Facility and/or BESS shall be considered abandoned if the system or facility has not been in operation for a period of twelve (12) months. If abandoned the system or facility shall be repaired to meet applicable federal, state, and local safety standards and returned to operation, or shall be removed and restored subject to the provisions of this Decommissioning Plan within a period of twelve (12) months].

If properly maintained, the expected lifetime of a utility-scale solar facility is approximately 25 to 40 years with an opportunity for a project lifetime of 50 years or more with equipment replacement and repowering. Depending on market conditions and project viability, the solar arrays may be retrofitted with updated components (e.g., panels, frame, tracking system, etc.) to extend the life of the project. If the modules are not retrofitted, or at the end of the Project's useful life, the panels, and associated components shall be decommissioned and removed from the Project site. The value of the individual components of the solar facility will vary with time. In general, the highest component value would be expected at the time of construction with declining value over the life of the Project. Over most of the life of the Project, components such as the solar panels could be sold in the secondhand market for reuse or refurbishment.

If properly maintained, the expected lifetime of a BESS is approximately 20 years. Depending on market conditions and project viability, the BESS may be retrofitted with updated components (e.g., batteries, inverters, etc.) to extend the life of the project. If the BESS is not retrofitted, or at the end of the Project's useful life, the batteries and associated components shall be decommissioned and removed from the Project site.

As efficiency and power production of the panels decrease due to aging and/or weathering, the resale value will decline accordingly. Secondary markets for used solar components include other utility scale solar facilities with similar designs that may require replacement equipment due to damage or normal wear overtime; or other buyers (e.g., developers, consumers) that are willing to accept slightly lower power output in return for a significantly lower price point when compared to new equipment.

Components of the solar facility and BESS that have resale value may be sold in the secondhand market. Components with no secondhand value will be salvaged and sold as scrap for recycling or disposed of at an approved offsite licensed solid waste disposal facility (landfill). Decommissioning activities shall include removal of the arrays, batteries, and associated components as listed in Section 1.1 and described in Section 2 and Section 3.

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CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

1.3 DECOMMISSIONING SEQUENCE

Crimson Orchard Solar LLC will be the party responsible for the Generating Facility and BESS decommissioning. Monitoring and site restoration may extend beyond this period to ensure successful revegetation and rehabilitation. The anticipated sequence of decommissioning and removal is described below; however, overlap of activities is expected.

- Reinforce access roads, if needed, and prepare the site for component removal.
- Install erosion control fencing and other best management practices (BMPs) to protect sensitive resources and control erosion will be installed and managed as per SWPP during decommissioning activities.
- De-energize solar arrays.
- Dismantle panels and racking.
- Remove frame and internal components.
- Remove BESS components including containers, PCS, and MVS.
- Remove portions of structural foundations and backfill sites.
- Remove MVS and foundations or piles.
- Remove buried electrical cables and conduits.
- Remove access and internal roads and grade site (if required)
- Remove substation.
- Remove fence
- Remove erosion control
- De-compact subsoils as needed, restore, and revegetate disturbed land to preconstruction conditions to the extent practicable

2.0 GENERATION FACILITY COMPONENTS AND DECOMMISSIONING ACTIVITIES

The Generation Facility components and decommissioning activities necessary to restore the Project area, as near as practicable, to pre-construction conditions, are described within this section.

2.1 OVERVIEW OF GENERATION FACILITY

The Generation Facility anticipates utilizing approximately 201,696 solar modules, but it could use up to 240,000 depending on final design, with a total nameplate generating capacity of 100MWac. The Generation Facility infrastructure will be bound by perimeter fencing as shown on Figure 1 (preliminary design; subject to modification). Statistics and estimates provided in this Plan are based on Waaree ELITE SERIES BiN-08-595-watt bifacial modules.

DRAFT DECOMMISSIONING PLAN

CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

Foundations, steel piles, and electric cables and conduit installed below the soil surface shall be removed. Access roads may be left in place if requested and/or agreed to by the landowner; however, for purposes of this assessment, all access roads are assumed to be removed. Public roads damaged or modified during the decommissioning and reclamation process shall be repaired upon completion of the decommissioning phase

Estimated quantities of materials to be removed and salvaged or disposed of are included in this section. Many of the materials described have salvage value; although, there are some components that will likely have none at the time of decommissioning. Removed materials shall be salvaged or recycled to the extent possible. Other waste materials will be disposed of in accordance with state and federal law in an approved licensed solid waste facility. Solar panels may have value in a resale market, depending on their condition at the end of Project life. If the Project is decommissioned prior to the anticipated 25 to 30-year timeframe, the resale value of components may be substantially higher than at the end of the projected Project.

Table 1 is a summary of the primary components of the Generation Facility included in this decommissioning plan. Table 2 is the anticipated disassembly methods of the Generation Facility and Table 3 is the disassembly methods of the Project Substation.

Table 1: Primary Components of the Generation Facility to be Decommissioned.

Component	Quantity	Unit of Measure
Solar Modules (approximate)	201,696	Each
Racking System (1Px96- 2 strings)	1,627	Each
Racking System (1Px72- 1.5 strings)	380	Each
Racking System (1Px48- 1 strings)	378	Each
Steel Piles (Tracker and Electrical Support Piles)	31,989	Each
Power Conversion System/ Inverters	368	Each
MVS with Foundations or Piles	23	Each
Electrical Cables and Conduits		Linear Foot (estimated)
DC String Cables		
#10 AWG Cu. Cable	1,943,040	
MV AC Cables		
500 kcmil cables	77,023	
1000 kcmil cables	48,681	

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Component	Quantity	Unit of Measure
1250 kcmil cables	48,682	
Perimeter Fencing	71,000	Linear Foot
Access Roads (approximate)	113,374	Linear Foot
Project Substation	1	Each
O&M Facility	1	Each

Table 2: Generation Facility anticipated disassembly methods.

GENERATION FACILITY ANTICIPATED DISASSEMBLY METHODS	
ITEM	DISASSEMBLY METHOD
Modules	Hand Removal. Place modules face down on pallets, tape wire ends, tied down and transport via skid-steer to staging location. Assumed 5% breakage, salvage value for crystalline, no salvage for thin film.
Inverters	Removal by crane and transport via flatbed to staging location. Assume no disassembly. Assumed salvage value.
Transformers	Removal by crane and transport via flatbed to staging location. Assume no disassembly. Oil removal will be performed by qualified recycling contractors. Assumed salvage value.
Racking Frame	Stabilize w/ machine. Cut legs and lower to ground level. Cut cross beams to the appropriate size and transport via dump truck to staging location. Assumed salvage value.
Racking Posts	Remove via post-puller and transport via dump truck to staging location. Assumed salvage value.
Racking Wiring	Disconnect PV connectors, cut cable ties, and remove wires from cable tray. Transport via dump truck to staging area. Assumed salvage value.
Underground Cable	Electrical cables and conduits below ground cabling would be removed.
Fence	Machine roll fence fabric. Remove posts via post-puller and transport via dump truck to staging location. Assumed salvage value.
Concrete Foundations	Remove with excavator and jack hammer. Backfill and compact as needed. Transport via dump truck to staging area. Assumed disposal location at Idaho Recycle approved facility
Gravel	Remove with skid steer with sweeper. Transport via dump truck to staging area. Assumed disposal location at Idaho Recycle approved facility.
Offsite Disposal	Assumed disposal at \$ 800/ CY including tipping fee.

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GENERATION FACILITY ANTICIPATED DISASSEMBLY METHODS	
ITEM	DISASSEMBLY METHOD
Reseeding	Reseed using an ATV-pulled drill seeder as well as spread seeding, at 5lbs bulk seed per acre of native grasses. Stabilize and mulch on areas where concrete or gravel was removed only.
Regrading	No bulk regrading is included as this would alter site hydrology.
Erosion & Sediment Control	<p>Silt fence shall be installed at the perimeter of the site, such as to prevent sediment from leaving site during the disassembly efforts.</p> <p>Silt fence shall be maintained and repaired as needed during disassembly.</p> <p>Construction entrances shall be installed at all public road points of access to prevent tracking debris into public rights of way.</p> <p>Areas of bare soil shall be re-vegetated to ensure proper stabilization and prevent erosion.</p> <p>All temporary erosion control measures shall be removed after disassembly is completed and the contractor is demobilized from the site.</p>
O&M Facility	<p>Utility Disconnection: Safely disconnect power from the substation and isolate water systems, including tanks and plumbing.</p> <p>Building Removal: Dismantle modular/trailer structures or demolish buildings on concrete foundations; recycle or dispose of materials responsibly.</p> <p>Septic and Water Tank Decommissioning: Drain and remove water tanks; pump out and decommission septic systems per local regulations.</p> <p>Parts Storage Clearance: Remove stored materials, segregating for reuse, recycling, or disposal as needed.</p> <p>Site Restoration: Grade and restore the site to its original or agreed-upon condition, ensuring environmental compliance</p>

Table 3: Project Substation Disassembly methods.

DISASSEMBLY METHODS	
ITEM	DISASSEMBLY METHOD
Steel Structures	Disassembled, lowered by crane, and transported via flatbed to staging location. Assumed salvage value.

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DISASSEMBLY METHODS	
ITEM	DISASSEMBLY METHOD
Circuit Breakers	Removed from pads and transported via flatbed to staging location. Assumed no salvage value, and no difference in recycling vs. disposal cost.
Power & Instrument Transformers	Removal by crane and transport via flatbed to staging location. Assume no disassembly or oil removal of small units, oil drained from main power transformer prior to transport. Assumed salvage value.
Primary Conductor	Cut cable and bus pipe at ends and transport to staging location. Assumed salvage value.
Insulators and Arresters	Removal from support. Assumed no salvage value.
Disconnect Switches	Removal by crane, disassemble, and transport via flatbed to staging location. Assumed salvage value for metal components. Insulators assumed no value.
Prefab Steel Buildings	Rough disassembly on site. Assumed salvage value.
Control Panels	Removal of electronic components. Rough disassembly. Assumed salvage value for electronic and metal components.
Fence	Machine roll fence fabric. Remove posts via post-puller and transport via dump truck to staging location. Assumed salvage value.
Concrete	Remove with excavator and jack hammer. Transport via dump truck to staging area. Assumed disposal location at Idaho Recycle approved facility.
Gravel	Remove with skid steer with sweeper. Transport via dump truck to staging area. Assumed disposal location at Idaho Recycle approved facility.
Offsite Disposal	Assumed disposal at \$800/CY including tipping fee
Reseeding & Re-Grading	Re-seed using an ATV-pulled drill seeder, at 3.2lbs per acre of native grasses. Use rough grading machine to lower substation pad to native elevation.

2.2 MODULES

The Generation Facility is considering a bifacial poly-crystalline panel (595 watt) from Waaree Solar. Each module assembly (with frame) has a total weight of approximately 71.65 pounds (32.5 kg). The modules will be approximately 89.68 inches by 44.64 inches in size and are mainly comprised of non-metallic materials such as silicon, glass, composite film, plastic, and epoxies, with an anodized aluminum frame.

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At the time of decommissioning, module components in working conditions may be refurbished and sold or recycled in a secondary market yielding greater revenue than selling as salvage material.

2.3 RACKING SYSTEM AND SUPPORT

The solar modules will be mounted on the tracker support structure system, manufactured by NEXTracker/ATI. The support structure is mainly comprised of high-strength galvanized steel and anodized aluminum.

The solar arrays will be deactivated from the surrounding electrical system and made safe for disassembly. The steel piles will be completely removed from the ground. The support and posts contain salvageable materials which can be sold to provide revenue to offset the decommissioning costs.

2.4 Foundations and Steel Piles

Steel piles, which provide essential structural support, are carefully extracted using hydraulic equipment to minimize soil disturbance, with the option to cut flush with the ground if full removal is impractical. Concrete foundations, if present, can be broken down and recycled as aggregate, contributing to resource conservation. Extracted steel piles are typically cleaned and sent for recycling, leveraging the material's high recyclability. This process not only ensures compliance with environmental regulations but also aligns with sustainable practices, leaving the site ready for future use.

2.5 Power Conversion Systems/Inverters

During the decommissioning of solar plants, the removal of Power Conversion Systems (PCS), including string inverters and Battery Energy Storage System (BESS) PCS, is carried out with a focus on material recovery and environmental compliance. String inverters, which convert DC power to AC, and BESS PCS, which regulate energy flow between batteries and the grid, are carefully dismantled and evaluated for reuse or recycling. Functional units can be refurbished or resold, while non-functional units are disassembled to recover materials such as metals, wiring, and electronic components for recycling. This process ensures proper handling of equipment, minimizes waste, and adheres to sustainability standards.

2.6 MVS

The MVS include the transformer and will sit on steel piles or concrete foundations within the array. The MVT shall be deactivated, disassembled, and removed. Depending on the condition, the equipment may be sold for refurbishment and re-use. If not re-used, they will be salvaged or disposed of at an approved solid waste management facility.

2.7 ELECTRICAL CABLING AND CONDUITS

The Project's underground electrical collection system shall be placed at a depth of at least three feet (36 inches) below the ground surface. All Electrical cables and conduits assumed to be removed.

2.8 OPERATIONS AND MAINTENANCE FACILITIES

As part of the decommissioning activities for the Generation Facility and BESS the O&M building and storage connexes will undergo a systematic decommissioning process. The building is a modular or pre-fabricated metal structure that is environmentally conditioned, which will serve as the operational hub for the site. It includes individual office spaces, a kitchenette, and bathrooms. The building will require water, sewer, and electricity.

The decommissioning of the O&M building will be carried out with a strong emphasis on safety, environmental responsibility, and regulatory compliance. The process will begin with the safe disconnection of all utility services, including plumbing, HVAC, and electrical systems, in accordance with local regulations and industry best practices. Following this, all interior furnishings, office equipment, and sensitive materials from the data room will be carefully removed. These items will be categorized for potential reuse, recycling, or appropriate disposal as part of the project's waste management plan.

The following step includes systematically dismantling the building structure, encompassing the metal framework, roof, and walls. This will be done with measures in place to minimize dust, noise, and environmental disruption, adhering to strict occupational health and safety standards. After the structure is removed, the site will be restored to its original condition or an agreed-upon state, which may involve soil regrading, replanting vegetation, and other restoration activities. Finally, materials from the decommissioned building will be sorted, with recyclable materials like metal and wiring sent to certified recycling facilities, while non-recyclable waste will be disposed of in compliance with environmental regulations.

2.9 PERIMETER FENCING AND ACCESS ROADS

The Project will include a security fence around the perimeter of the site and exclusionary area. The fence will total approximately 71,000 feet in length. Access drives will provide direct access to the solar facility from local roads and along the inner perimeter of the arrays. Internal roads will be located within the array to allow access to the equipment. The site access drives/perimeter roads shall be 12 feet wide and approximately 113,374 feet (21.47 miles) in length. To be conservative, the decommissioning estimate assumes that all access roads shall be completely removed.

During installation of the Project access roads, the existing topsoil will be scarified to a depth of twelve inches and compacted to a minimum density of 95% of AASHTO T 180, Method D, and then eight inches of granular fill will be placed. This will leave the top of the gravel drive approximately two inches above the surrounding grade to help minimize ponding on top of the drives. Decommissioning activities include the removal and stockpiling of aggregate materials onsite for salvage preparation. It is conservatively assumed that all aggregate materials shall be removed from the Project site and hauled up to five miles from the Project area. Following removal of aggregate, the access road areas will be graded, de-compacted with deep ripper or chisel plow (ripped to 18 inches), backfilled with native subsoil and topsoil, as needed, and graded as necessary.

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2.10 PROJECT SUBSTATION

The Generation Facility will include a Project Substation located within a security fence that is approximately a 210-foot by 200-foot footprint spread across 0.96 acres however depending on final design could be a maximum of 2 acres. The Project Substation will contain within its perimeter a gravel pad, power transformer and footings, electrical control house and concrete foundations, as needed. The electrical control house may include control rooms, data monitoring systems, and communication equipment, will be dismantled based on their functionality and structural setup. All monitoring systems, such as SCADA and data loggers, will be safely disconnected, with components assessed for reuse or recycling. Maintenance infrastructure, including workstations, tool storage, and safety equipment, will be removed, and any reusable items will be salvaged. The process will also consider the removal of electrical and communication cabling, ensuring proper disposal or recycling of materials in compliance with environmental and regulatory standards. The Project Substation transformer may be sold for re-use or salvage. Components of the substation that cannot be salvaged will be transported off-site for disposal at an approved waste management facility.

Although there is some potential that the Project substation may remain at the end of the Project life, an estimated decommissioning cost has been included in this Plan.

3.0 BESS SYSTEM COMPONENTS AND DECOMMISSIONING ACTIVITIES

The BESS components and decommissioning activities necessary to restore the Project area, as near as practicable, to pre-construction conditions are described within this section below.

3.1 OVERVIEW OF BESS

Crimson Orchard anticipates utilizing approximately 160 self-contained battery storage units with a total energy storage capacity of approximately 400 MWh. The BESS area, including the permanent stormwater basins, encompasses approximately 6 acres. Statistics and estimates provided in this Plan are based on the Megapack 2XL battery storage units manufactured by Tesla. The cabling for the collection system will be placed underground at a depth ranging from 36 to 48 inches, equivalent to three to four feet. Any foundations, electrical cabling, or conduits below the ground surface will be excavated to a depth of at least 36 inches. Any public roads that are affected or altered during the decommissioning and reclamation activities will be restored to their original condition once the decommissioning phase is finished."

Estimated quantities of materials to be removed and salvaged or disposed of are included in this section. Many of the materials described have salvage value; although, there are some components that will likely have none at the time of decommissioning. Removed materials shall be salvaged or recycled to the extent possible. Other waste materials will be disposed of in accordance with state and federal law in an approved licensed solid waste facility. Batteries may have value in a resale market, depending on their condition at the end of Project life. If the Project is decommissioned prior to the anticipated 25 to 30-year timeframe, the resale value of components may be substantially higher than at the end of the projected Project.

Removal of the BESS system shall include, but not be limited to the following:

- Equipment Dismantling and Removal

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- Removal and Recycling of the Battery Energy Storage units.
- Removal of the Equipment pads. Supports and Perimeter fence.
- Removal of the permanent Stormwater basin
- Removal of the fencing.

Table 4: Primary Components of BESS to be Decommissioned.

Component	Quantity	Unit of Measure
Battery Energy Storage units with Integrated Ventilation	160 BoL	Each
BESS Blocks and Foundations or Piles	160 BoL	Each
PCS	41	Each
MVS	41	Each
MV cables	18,906	Linear Feet
Perimeter fencing	1,167	Linear Feet
Permanent stormwater basins	1	Each
O&M Facility	1	Each

Table 5: BESS anticipated disassembly methods

BESS Component	Disassembly Method
Battery Racks	<ul style="list-style-type: none"> • Disconnect electrical connections following safety protocols. • Remove individual battery modules using manual or automated handling equipment. • Package modules for recycling or disposal according to regulatory requirements.
Power Conversion System (PCS)	<ul style="list-style-type: none"> • Disconnect from power connections and the control system. • Dismantle PCS enclosures and separate internal components (e.g., transformers, inverters). • Salvage or recycle metal components and recover electronic parts.
Battery Management System (BMS)	<ul style="list-style-type: none"> • Disconnect from battery racks and data systems. • Remove electronic components for recycling or disposal.
Cooling Systems	<ul style="list-style-type: none"> • Drain and collect cooling fluids (if liquid-cooled) for proper disposal or recycling. • Dismantle cooling units, including pumps, fans, and heat exchangers, and segregate materials for recycling.

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Enclosures	<ul style="list-style-type: none">• Dismantle steel or aluminum enclosures using cutting or unbolting techniques.• Recycle metal components.
Electrical Wiring and Cabling	<ul style="list-style-type: none">• Disconnect all wiring and cables following lockout/tagout (LOTO) procedures.• Segregate materials, such as copper or aluminum, for recycling.
Foundations	<ul style="list-style-type: none">• Remove concrete pads using mechanical equipment, crushing the material for recycling as aggregate where feasible.• Backfill and grade the site as necessary to restore land conditions.

3.2 BESS BATTERY UNITS AND SUPPORT STRUCTURES

The BESS anticipates using 160 battery energy storage units and the system will provide up to 100 MW[AC] of rated power capacity and 400 MWh of energy storage capacity for this BESS project. Statistics and estimates provided in this Plan are based on a Tesla Megapack 2XL (battery with integral PCS) Energy Storage System. The units are mainly comprised of materials such as Lithium-ion (Li-ion) batteries, steel, copper, plastic, and epoxies. If decommissioned prior to the end of their useful life, the battery packs will likely have value in a resale market, depending on their condition.

Megapack is a fully integrated battery energy storage unit capable of charging and discharging real power and injecting and absorbing reactive power. The inverter/transformer stations and associated equipment will be deactivated, disassembled, and removed at decommissioning. Depending on the condition, the inverter/transformer systems may be sold for refurbishment and re-use. Collection cabling will be installed below the surface at a depth of 36 inches (three feet) or greater. All above ground facilities and subsurface materials will be removed and salvaged in accordance with state and federal law at a licensed solid waste facility. Battery packs may have value for reuse if decommissioned during the early stages of Project operation; however, the resale or salvage value is difficult to predict and will be dependent on the age of the batteries at that time. Recovery programs to extract valuable materials such as nickel, cobalt, copper, aluminum, steel, and lithium from the systems are expanding and improving at a rapid rate. A conservative cost to cover shipping and recycling of the used batteries is included in the BESS decommissioning cost estimate (Table 6). The BESS containers use helical foundations which shall be removed and salvaged. The BESS site will be graded and restored to pre-construction conditions, to the extent practicable.

3.3 PERMANENT STORMWATER BASIN

The Battery Energy Storage System (BESS) incorporates permanent stormwater detention basins located near the BESS facilities. These basins will undergo removal at the conclusion of the Project's operational phase. The process will involve filling them, applying topsoil, and

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grading the area to the best extent possible to reinstate the drainage patterns that existed prior to construction.

4.0 LAND USE AND ENVIRONMENT

Restoration of each site shall include:

- (1) Ground disturbance must be minimized to a practical extent, and the site restored to its original ground contours if possible.
- (2) Disturbed on-site soils and vegetation will be reasonably restored and re-established using native seed mix and with proper soil nutrients (fertilizer, lime, and other amendments) to provide and sustain growth, or in coordination with the landowner to allow desired vegetation to be planted.
- (3) Roads must be adequately restored to their original condition following decommissioning activities.
- (4) Access roads, fencing, associated drainage improvements, and residual minor improvements may remain with written consent from the landowner.
- (5) Removal and remediation of any hazardous materials.
- (6) The County shall be granted the right of entry onto the site, pursuant to reasonable notice to the property owner, to effect or complete decommissioning pursuant to the Decommissioning Plan.

4.1 SOILS AND AGRICULTURAL LAND

Areas of the Project that were previously utilized for agricultural purposes will be restored to their pre-construction condition and land use as dictated by landowner lease agreements. Restored areas will be revegetated in consultation with the current landowner and in compliance with regulations in place at the time of decommissioning. Land disturbed by the Project will be restored in such a way to be used in a reasonably similar manner to its original intended use as it existed prior to Project construction.

4.2 RESTORATION AND REVEGETATION

Project sites that have been excavated and backfilled will be graded as previously described. Soils compacted during construction activities will be de-compacted, as necessary, to restore the land to pre-construction land use. If present, drain tiles that have been damaged will be restored to pre-construction conditions. It is expected that the entire site will be re-seeded with native grass and vegetation. Planting trees, shrubs, and other woody vegetation (re-forestation) or other beautification is not included in the costs. It is assumed that mulching and stabilization of seeded areas will only be required where gravel roads or concrete foundations are removed. As all cables will be directly buried, excavation to remove the cables will not be required, and the disturbance to those areas will be minimal. The remainder of the site will already be vegetated, and disassembly activities will not significantly disturb the vegetation. Seeding in those areas is included as a precautionary measure.

Topsoil will be placed in disturbed areas and seeded with appropriate vegetation or in coordination with the landowner. Work will be completed to comply with the conditions agreed

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upon by Crimson Orchard and Elmore County permitting in effect at the time of decommissioning.

4.3 SURFACE WATER DRAINAGE AND CONTROL

The proposed Project area is predominantly located in arid grazing land. The terrain is relatively flat with minimal water features and vegetation. The Project facilities are being sited to avoid wetlands, waterways, and drainage ditches to the extent practicable. The existing Project site conditions and proposed BMPs to protect surface water features will be detailed in a Project Stormwater Pollution Prevention Plan (SWPPP) for the Project prior to the commencement of construction activities.

It is assumed that re-grading of the site to remove diversion dikes and retention ponds is not required. The earthmoving required to remove these features would likely trigger a NPDES (or state/local equivalent) permit, which would in turn require those same features to be installed to control stormwater on the site. In addition, it is assumed no new erosion and sediment control measures will be required for disassembly. These would have been put in place during the original construction and would be required to remain in place and properly maintained for the project's life.

Surface water conditions at the Project site will be reassessed prior to the decommissioning phase. Crimson Orchard will obtain the required water quality permits, if needed, before decommissioning the Project. Construction storm water permits will also be obtained and a SWPPP prepared describing the protection needed to reflect conditions present at the time of decommissioning. BMPs may include construction entrances, temporary seeding, permanent seeding, mulching (in non-agricultural areas), erosion control matting, silt fence, filter berms, and filter socks.

4.4 MAJOR EQUIPMENT REQUIREMENT FOR DECOMMISSIONING

The activities involved in decommissioning the Project include removal of the above ground components of the Project and restoration as described in Sections 2 and 3.

The equipment required for the decommissioning activities may be like what is needed to construct the solar facility and may include, but is not limited to: small cranes, low ground pressure (LGP) track mounted excavators, backhoes, LGP track bulldozers, LGP off-road end-dump trucks, front-end loaders, deep rippers, water trucks, disc plows and tractors to restore subgrade conditions, and ancillary equipment. Over-the-road dump trucks will be required to transport material removed from the site to disposal facilities.

5.0 DECOMMISSIONING COST ESTIMATE SUMMARY

Expenses associated with decommissioning the Project will be dependent on labor costs at the time of decommissioning based on Idaho labor rates in the Elmore area. For the purposes of this report approximate 2024 average market values were used to estimate labor expenses. Fluctuation and inflation of the labor costs were not factored into the estimates.

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This estimate of probable costs is based on the engineer's experience in the design and construction of energy facilities and is subject to final engineering. This estimate is also based on our experience supervising the construction of PV plants and the activities undertaken to disassemble a PV plant are unique to PV plants. Disassembly costs can be estimated like other types of facilities. The decommissioning estimate is based on a de-construction approach what we have captured in this report.

This estimate of cost has been split between plant disassembly, site restoration, and salvage which reflects the overall decommissioning process. The PV plant will first be disassembled, with all above and below grade components removed to a depth of 3 feet. This includes all buried cables, conduits, and foundations. Costs for disassembly are overall less than those for original assembly of the facility. While Modules will need to be removed by hand to retain their salvage value, the racks, buried cables, and concrete can be removed by machine to increase efficiency. It is assumed that concrete, gravel, and fiber optic cable do not have salvage value and will be designated for disposal from the site. However, in compliance with Idaho Recycle regulations, these materials will be evaluated for potential recycling or reuse opportunities. If any of these materials are identified as recyclable or reusable, they will be sorted, processed, and managed in accordance with Idaho Recycle recycling and waste diversion requirements which include using designated recycling facilities and ensuring that these materials are processed in a manner that meets state recycling standards. Other materials are assumed to have salvage value and can be sold at secondhand market prices.

In addition to the PV plant, the decommissioning process will also include the Battery Energy Storage System (BESS). The BESS components, including batteries, inverters, and associated electrical infrastructure, will be dismantled and removed. Special care must be taken during the removal and disposal of batteries due to their hazardous material content. The cost estimate for decommissioning the BESS has been calculated separately, considering the specialized labor and handling required. While some components of the BESS, such as metal enclosures and electrical equipment, may have salvage value, the disposal of batteries and other hazardous materials will incur additional costs. The BESS decommissioning process will follow all relevant environmental regulations and safety protocols to ensure safe and compliant disposal of hazardous materials. With respect to the transporting of used lithium batteries, the Department of Transportation (DOT) mandates specific requirements to ensure safety and compliance. Used lithium batteries are classified as hazardous materials and fall under Class 9 (Miscellaneous Dangerous Goods). This classification necessitates adherence to rigorous packaging, labeling, and documentation standards. Packaging must be conducted with care to prevent hazards during transport. Batteries should be packed in non-conductive materials to avoid short-circuiting, and the packaging must be durable enough to withstand potential impacts or leaks. Proper packaging is crucial to mitigate risks associated with the batteries' chemical components and the potential for fires.

Labeling and marking are essential for clear communication of the hazards involved. Packages containing used lithium batteries must display appropriate hazard labels, such as the "Lithium Battery Label," and include the UN number. These labels and markings ensure that handlers are aware of the contents and associated risks.

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Documentation is required to accompany the shipment, detailing the contents and confirming compliance with regulations. Shipping documents should include the proper shipping name, UN number, and specific details about the type of lithium batteries being transported. This documentation aids in proper handling and emergency response if needed.

Additionally, state regulations may impose further requirements beyond federal standards, so it is important to verify and adhere to local regulations where applicable. Personnel involved in the transport of used lithium batteries must receive appropriate training to handle hazardous materials safely and comply with all relevant regulations.

5.1 DECOMMISSIONING EXPENSES OF GENERATION FACILITY

Project decommissioning will incur costs associated with disposal of components not sold for salvage, including materials which will be disposed of at a licensed facility, as required. Decommissioning costs also include backfilling, grading, and restoration of the proposed Project site as described in Section 2. Table 5 summarizes the estimates for activities associated with the major components of the Generation Facility

5.2 DECOMMISSIONING REVENUES OF GENERATION FACILITY

Project revenue will be realized through the sale of Generation Facility components and construction materials. Modules and other components may be sold within a secondary market or as salvage. The market value of steel and other materials fluctuates daily and has varied widely over the past five years. Salvage value estimates were based on an approximate five-year-average price of steel and copper derived from sources including on-line recycling companies and United States Geological Survey (USGS) commodity summaries. The main component of the tracking system and piles is assumed to be salvageable steel. Solar panels are estimated to contain approximately 75 percent glass, 8 percent aluminum and 5 percent silicon. A 70 percent recovery rate was assumed for aluminum and all panel components, due to the processing required to separate the panel components. Alternative and more efficient methods of recycling solar panels are anticipated before this Project is decommissioned, given the large number of solar facilities that are currently being developed.

Scrap metal prices, if included, have been estimated using publicly available data from <http://www.scrapmonster.com>. Inverters were priced at the rate for Complete Computers, which is lower than what could be attained if they were disassembled on site. Transformers were priced at 80% of the market rate for Sealed Unit Transformers. Modules were assumed to have residual value as functioning units. They are priced assuming the power output degrades at 0.4% per year for 25 years, and 5% are broken during disassembly.

Inflation, if included in this estimate has been projected based on the Producer Price Indices for Final Demand Construction, Iron Steel Scrap, and Copper Base Scrap. PPI is a more appropriate measure than CPI as it is targeted to the specific commodity. Detailed assumptions and the total opinion of cost for decommissioning is provided on the next sheets.

This estimate of probable costs is based on the engineer's experience and industry standards in the design and construction of energy facilities and are subject to final engineering. The engineer accepts no liability for errors, omissions, or the accuracy and adequacy of this

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estimate. It is a violation of state law for any person unless they are acting under the direction of a licensed professional engineer to alter this document in any way.

Table 6: Indicative Cost Estimate Decommissioning Expenses- Generation Facility

INDICATIVE COST ESTIMATE - PV PLANT DECOMMISSIONING - 120 MWp					
DISASSEMBLY & DISPOSAL					
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
1	PV Modules (595 W)	201,696	NOS	\$2.20	\$443,731
2	Power Optimizers	100,848	NOS	\$0.80	\$80,678
3	PV Inverter(s) (330 kVA)	368	NOS	\$725.00	\$266,800
4	PV Transformer(s) (5280 kVA)	23	NOS	\$1,310.00	\$30,130
5	Racking Frame – 2 String	1,627	NOS	\$85.00	\$138,295
6	Racking Frame – 1.5 String	380	NOS	\$85.00	\$32,300
7	Racking Frame – 1 String	378	NOS	\$85.00	\$32,130
8	Racking Posts	31,989	NOS	\$10.50	\$335,885
9	Cables	174,385	LF	\$0.57	\$99,399
10	Racking Wiring (DC Cables)	1,943,040	LF	\$0.09	\$174,874
11	PV Plant Fence	71,000	LF	\$2.80	\$198,800
12	Interconnection Facilities	1	LS	\$475,825.00	\$475,825
13	Gravel	18,396	CY	\$6.00	\$110,376
14	Offsite Disposal by Volume	1,130	CY	\$800.00	\$904,000
15	General Conditions	120.00	MWp	\$800.00	\$96,000
SUBTOTAL					\$3,419,223
SITE RESTORATION					
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
16	Re-Seeding	502	ACRES	\$628	\$315,256
17	Erosion and Sediment Control	1	LS	\$432,176	\$432,176
SUBTOTAL					\$747,432

DRAFT DECOMMISSIONING PLAN

CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

INDICATIVE COST ESTIMATE - PV PLANT DECOMMISSIONING - 120 MWp					
DISASSEMBLY & DISPOSAL					
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
SALVAGE					
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
18	PV Modules (595 W)	201,696	NOS	\$14	\$2,823,744
19	Power Optimizers	100,848	NOS	\$14	\$1,411,872
20	PV Inverter(s) (330 kVA)	368	NOS	\$2,650	\$975,200
21	PV Transformer(s) (5280 kVA)	23	NOS	\$3,280	\$75,440
22	Racking Frame	2,385	NOS	\$0.24	\$572
23	Racking Posts	31,989	NOS	\$0.24	\$7,677
24	Interconnection Steel Structures	6,809	LBS	\$0.20	\$1,362
25	Interconnection Power & Instrument Transformers	1,126,801	LBS	\$0.09	\$101,412
26	Interconnection Disconnect Switches (1 & 3-Phase)	1,111	LBS	\$0.55	\$611
27	Interconnection Primary Conductor	1,425	LBS	\$0.70	\$998
28	Interconnection Prefab Steel Buildings	6,122	LBS	\$0.13	\$796
29	Control Panels	249	LBS	\$0.13	\$32
30	Electronic Controls	103.2	LBS	\$0.20	\$21
31	Chain Link Fence (PV Plant)	71,000	LBS	\$0.12	\$8,520
32	O&M Building Prefab Steel framework	90,000	LBS	\$0.13	\$11,700
SUBTOTAL					\$5,419,957
TOTAL DISASSEMBLY, DISPOSAL, & SITE RESTORATION COST					\$4,166,655
TOTAL SALVAGE VALUE					\$5,419,957
NET DECOMMISSIONING COST					(\$1,253,302)

DRAFT DECOMMISSIONING PLAN

CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

5.3 DECOMMISSIONING EXPENSES OF BESS

Project decommissioning will incur costs associated with disposal of components not sold for salvage, including materials which will be disposed of at a licensed facility, as required. Table 6 summarizes the estimates for the activities associated with the major components of the BESS.

5.4 DECOMMISSIONING REVENUES OF BESS

The decommissioning of BESS involves several important considerations. First and foremost, it necessitates the safe removal and recycling of the battery components, which can include valuable materials like lithium, cobalt, and nickel. These materials can be recovered and repurposed, contributing to a circular economy and reducing the environmental impact of battery production or depending on market conditions and the age and condition of the facilities at time of decommissioning, there may be resale or salvage value in the components. BESS components, such as lithium-ion batteries, still have some residual value at the end of their operational life, they can be resold or repurposed for other applications.

Table 7: Indicative Cost Estimate Decommissioning Expenses- BESS

ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
DISASSEMBLY DISPOSAL					
1	Labor and equipment including site restoration	626,688	/kWh	\$8	\$5,013,504
2	Offsite Disposal, Shipping & Decommissioning expenses	626,688	/kWh	\$6	\$3,760,128
SUBTOTAL					\$8,773,632
SALVAGE					
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
3	Battery pack	160	Nos	\$37,061.0	\$5,929,763
4	Mounting Racks/ Steel structures	160	Nos	\$4,000.0	\$640,000
5	Transformer	41	Nos	\$1,310.0	\$53,710
6	LV AC Cables	80854	Linear feet	\$0.6	\$46,087
7	MV Cables	18906	Linear feet	\$0.6	\$10,776
8	Control Panels	41	Nos	\$1,000.0	\$41,000
9	Chain Link Fence	1167	Linear feet	\$0.1	\$140
10	O&M Building Prefab Steel framework	90,000	LBS	\$0.13	\$11,700
SUBTOTAL					\$6,733,176
TOTAL DISASSEMBLY, DISPOSAL, & SITE RESTORATION COST					\$8,773,632
TOTAL SALVAGE VALUE					\$6,733,176
NET DECOMMISSIONING COST OF BESS					(\$2,040,456)

DRAFT DECOMMISSIONING PLAN

CRIMSON ORCHARD SOLAR LLC GENERATING FACILITY AND BESS, ELMORE COUNTY, IDAHO

6.0 FIGURES

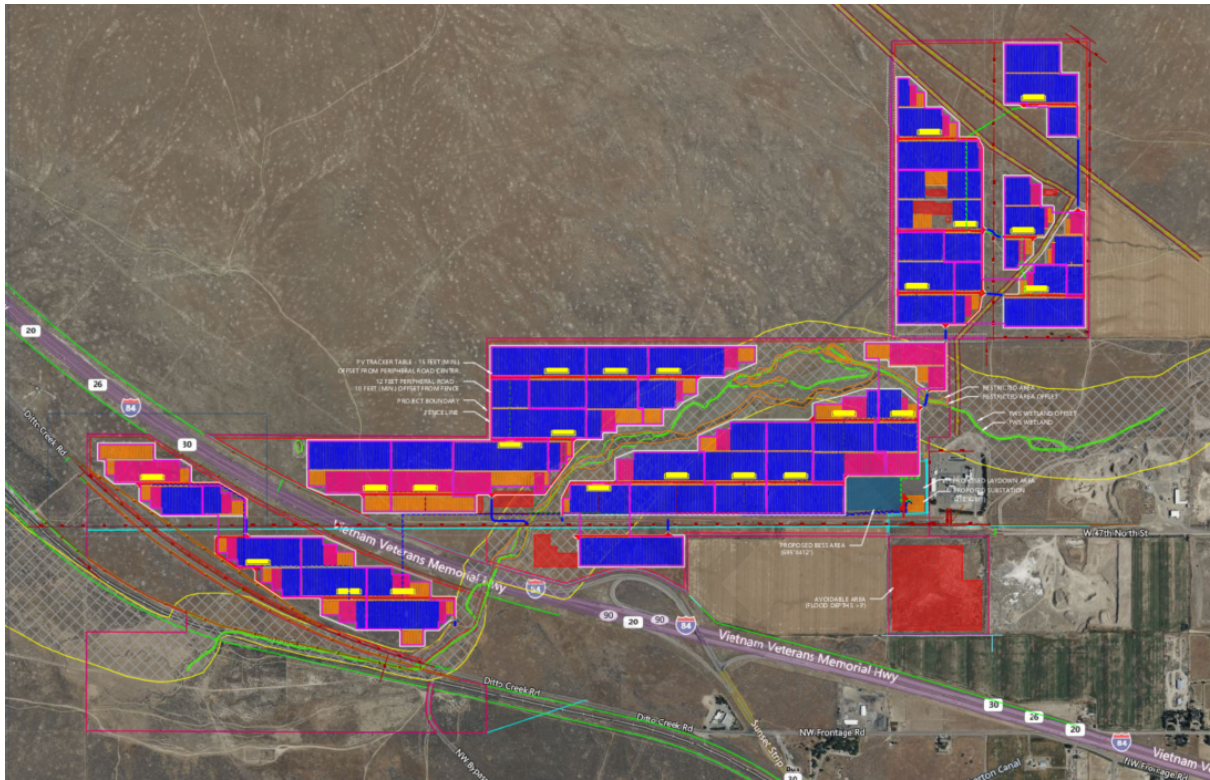
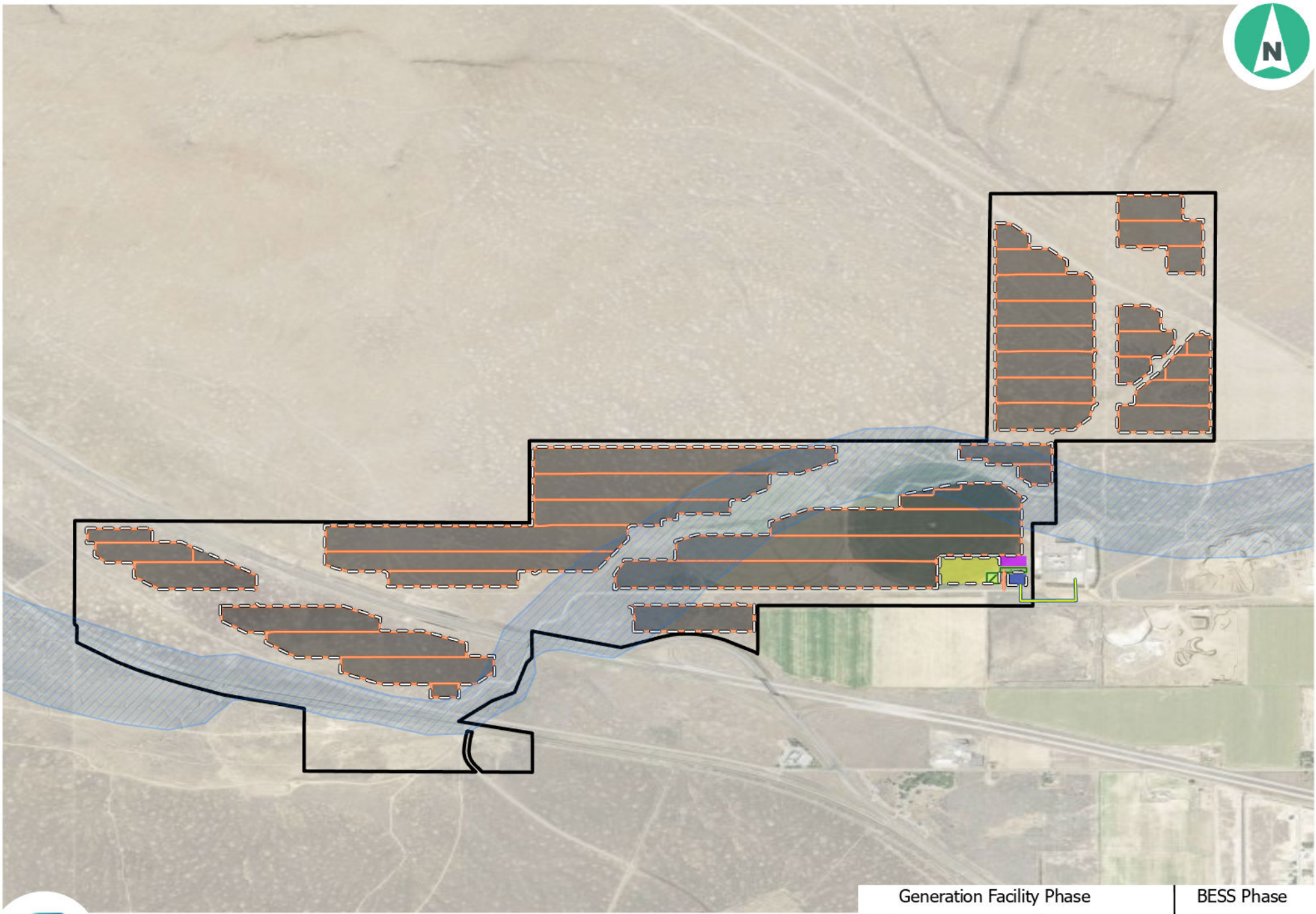


Figure 1: Preliminary Project Layout.

*Note: This layout is subject to change based on final engineering and design.

Attachment B



Crimson Orchard Solar Project Master Site Plan

Generation Facility Phase		BESS Phase
Solar Modules	Gen-Tie Line	BESS
Project Boundary	Project Substation	
FEMA Floodplain	Access Roads	
O&M Facilities	Fence	
Temporary Laydown Yard		

Master Site Plan

Section 10-6-4 General Required Standards:

- a. Location of Structures on the site

Applicant Response: The Master Site Plan identifies the placement of modules, battery energy storage system (“BESS”), temporary laydown yard, operation and maintenance (“O&M”) facilities, and access roads.

- b. Non-Vehicular Access and Internal Circulation

Applicant Response: The Project does not allow public access to the site.

- c. Automobile Access and Internal Circulation

Applicant Response: The Master Site Plan identifies access from public roads and shows the internal roads within the Project.

- d. Additional Off-street Parking Design Standards

Applicant Response: The project does not allow public access to the site.

Section 10-6-5 Natural Features Analysis

Applicant Response: See Attachment A that includes the reports completed for the Site.

Section 10-6-6 Other required standards, in regard to:

- a. Screening

Applicant Response: In accordance with 7-2-103 Crimson Orchard will submit with its building permit application a landscaping, screening and noise control plan.

- b. Drainage

Applicant Response: Crimson Orchard will need to obtain a construction stormwater permit under the Idaho Pollutant Discharge Elimination System. A Storm Water Pollution Prevention Plan (“SWPPP”) will be prepared as part of the permit.

c. Water Supply and Sewage Disposal

Applicant Response: The Project will not rely on County utilities and will obtain necessary permits to install any wells or septic system to serve the water and sewer requirements of the O&M building.

d. Filling, Excavation, and Earthmoving

Applicant Response: Grading will be minimized to the greatest extent practical. Crimson Orchard will need to obtain a construction stormwater permit under the Idaho Pollutant Discharge Elimination System which will include requirements for erosion and sediment control. A Storm Water Pollution Prevention Plan (“SWPPP”) will be prepared as part of the permit and will include the temporary and permanent Best Management Practices (“BMP”) to be

e. Irrigation Services and Delivery Systems

Applicant Response: Crimson Orchard will need to obtain a construction stormwater permit under the Idaho Pollutant Discharge Elimination System. A SWPPP will be prepared as part of the permit.

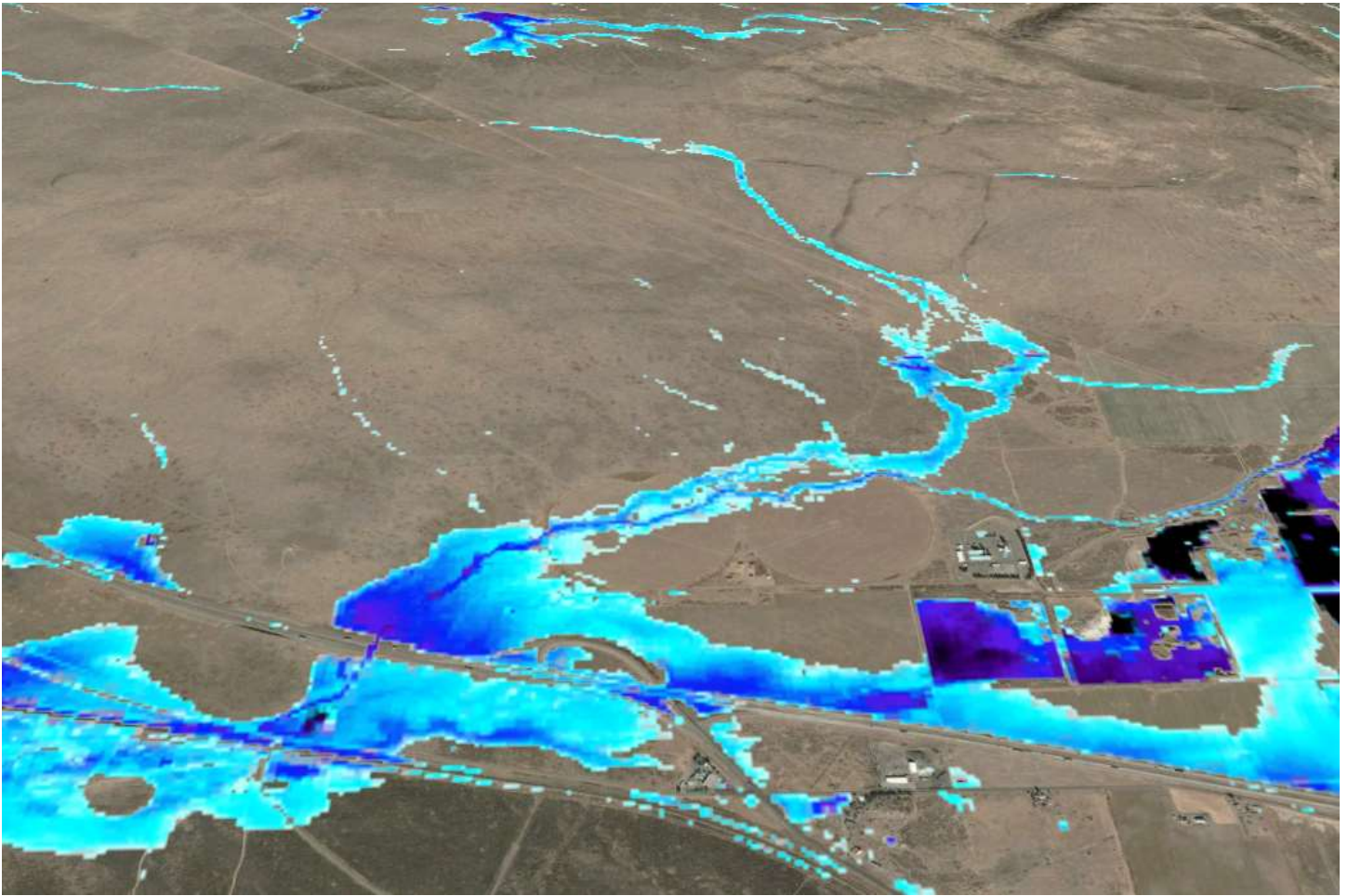
f. Utilities

Applicant Response: The Project will not rely on County utilities and will obtain necessary permits to install any wells or septic system to serve the water and sewer requirements of the O&M building. The Project will connect to the existing 230kV Danskin Substation via a short overhead generation transmission line from the new Project Substation located within the Project boundary to the west.

g. Maintenance

Applicant Response: The Project will require asset management which will include staff onsite to monitor the site and do preventative and corrective maintenance as well as other operational functions.

Attachment A



PRELIMINARY HYDROLOGY STUDY

Crimson Orchard Solar Project

Elmore County, Idaho

APRIL 22, 2024 (UPDATED JUNE 14, 2024)

PREPARED FOR:

Clēnera - an Enlight Company

PREPARED BY:

Westwood

Westwood

Preliminary Hydrology Study

Crimson Orchard Solar Project

Elmore County, Idaho

Prepared For:

Clenera, LLC
999 W. Main St., Suite 800
Boise, ID 83702

Prepared By:

Westwood Professional Services, Inc.
12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343
(952) 937-5150

Project Number: R0051536.00
Date: April 22, 2024 (Updated June 14, 2024)

Westwood

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Exhibits

- Exhibit 1: Location Map
- Exhibit 2: Base Hydrologic Map
- Exhibit 3: Soils Map
- Exhibit 4: Landcover Map
- Exhibit 5: Curve Number and Topographic Source Map
- Exhibit 6: 100-Year Max Flood Depth Map
- Exhibit 6A-C: 100-Year Max Flood Depth Project Area Maps
- Exhibit 7: 100-Year Peak Velocity Map
- Exhibit 7A: 100-Year Peak Velocity Project Area Map
- Exhibit 8: 100-Year Scour Map
- Exhibit 9: Spatially Varied Rainfall Map

Appendices

- Appendix A: NOAA Atlas 2 Precipitation Data
- Appendix B: Curve Number Table
- Appendix C: FEMA Flood Insurance Rate Map (FIRM)

Executive Summary

The purpose of this study is to analyze and review the existing hydrology of the Crimson Orchard Solar Project (Project or Site) and any impacts that the hydrology may play in the design of the proposed solar array. This report was prepared to be used by the Project Team in the design and layout of the Project and not intended for submittal to reviewing agencies for stormwater permitting. This information will be sufficient for the preliminary engineering design or for contractor/EPC bidding purposes.

The Project Site is proposed on approximately 870 acres and is located within Elmore County, Idaho, approximately 3 miles northwest of Mountain Home, Idaho. The Site is located on relatively flat land that generally slopes to the southwest. The modeled watershed area encompasses approximately 151 square miles and generally drains towards the southwest.

The analysis shows low to moderate water depths and low velocities (Exhibits 6 through 7A) across the majority of the Site for a 100-year storm event. Higher flood depths exist within the creeks and their surrounding areas located within and adjacent to the Site. There is also water backing up behind the roadway located to the south of the Site and a railroad located to the southwest of the Site. Minimal velocities and scour are expected onsite outside of the creeks due to the flat terrain.

Based on experience with similar projects, the majority of the Site is suitable for the planned development by avoiding or designing to areas of high flood depths.

1.0 Data Sources

Table 1 – Data Sources

Task	Format	Source	Use
Elevation	1-meter DEM	USGS	FLO-2D Model Elevations
Crop Data	Shapefile	USDA 2021 Cropland Data Layer	Landcover
Soils	Shapefile	USGS SSURGO Dataset	Curve Numbers
Precipitation	PDF File	NOAA Atlas 2	Design Storms
HUC-12 Drainage Boundary	Shapefile	USGS	Define Model Extents
Site Boundary	CrimsonOrchard.kmz	Clenera, LLC	Define Model Extents
2014 Aerial Photography	ArcGIS Map Service	USDA FSA	Reference
FEMA Flood Zones	PDF; Shapefile	FEMA	Reference
Culvert Locating and Sizing	Aerial Imagery	Google Earth	Culvert Modeling

2.0 Coordinate System

Table 2 – Coordinate System Used

Projection	State Plane Coordinate System
Zone	Idaho West (FIPS 1103)
Datum	NAD83
Planar Units	Feet (U.S. Survey)

3.0 Existing Conditions

3.1 Project Location

The Project Site covers approximately 870 acres and is located within Elmore County, Idaho (Exhibit 1). The Project Site is located approximately 38 miles southeast of Boise, Idaho, and is located near Mountain Home, Idaho. Mountain Home is located 3 miles southeast of the Project Area.

3.2 Watershed Hydrology

The modeled watershed area encompasses approximately 151 square miles that generally drains toward the southwest. Long Tom Creek originates in the northeastern portion of the modeled watershed and flows west towards Canyon Creek. Syrup Creek originates in the northwestern portion of the modeled watershed and flows south into Canyon Creek. Canyon Creek is formed from Syrup Creek and Long Tom Creek, flows south through the central model region then flows west through the Project Site. The Feeder Canal and Lamberton Canal originate from Canyon Creek in the southeastern portion of the modeled watershed and flow south. The creeks within the modeled watershed are ephemeral as they only have flow during and after storm events. There are several deep depression areas located to the east of the Project and within the southeastern parcel of the Project.

3.3 Onsite Conditions

The Project is located on flat terrain, adjacent to Interstate 84. The Site generally drains southwest along Canyon Creek. The Project receives offsite flows from an unnamed creek north of the Site and from Canyon Creek northeast of the Site. There are also several small flow paths that drain onto the Project from the north. Interstate 84 causes a backup of water behind the road and onto the central portion of the Site. Similarly, water also ponds onsite behind a railroad located along the southwestern border of the Project. In general, the Site is relatively flat with slopes of less than 1% though there are locations where the slopes reach roughly 7%.

US Fish and Wildlife Service National Wetlands Inventory (NWI Wetlands) provides information on the distribution of US wetlands and are shown in Exhibit 2. The NWI Wetlands dataset is not all-inclusive and other wetlands not shown may exist. The landcover on the Project area is primarily pastureland (Exhibit 4) and has soils that are primarily belonging to Hydrologic Soil Groups (HSG) C and D (Exhibit 3). Typically, C soils are Clay Loams and D soils are Clays. Soils belonging to Hydrologic Soil Groups C and D exhibit low to very low infiltration rates; therefore, standing water will be slow to infiltrate during and after storm events when compared to soils belonging to Hydrologic Soil Groups A or B.

The main potential hydrologic issues on Site are flooding from creeks and backup of water behind Interstate 84 and a railroad.

3.4 FEMA Flood Zones

FEMA has completed a study to determine flood hazards for the selected location; the project area is covered by FIRM panels 1602120475B and 1602120500B (Appendix C). These Flood Insurance Rate Maps (FIRMs) have been digitized and the flood zones can be seen in Exhibits 2 and 6-6C. The Project contains areas of FEMA Zone A flood hazards surrounding Canyon Creek. A FEMA Zone A flood hazard is a 100-year flood hazard with no defined base flood elevation. No preliminary or pending FEMA changes are proposed within the project area.

There are some differences between the FEMA Zone A onsite and the FLO-2D flood results. The discrepancy is likely due to differences in elevation data, modeling software, and/or landcover. Several deep depression areas are located upstream of the Site and along the Canyon River that account for a lot of storage from the creek, which may not have been the condition in 1989 when FEMA last studied this area. Due to more up-to-date modeling, elevation data, and landcover conditions, the FLO-2D results are deemed more reliable.

4.0 Proposed Conditions

4.1 Proposed Conditions

The majority of the proposed solar facility will consist of above ground mounted solar modules. Natural desert landscaping should be restored below the modules and would make up the majority of the land cover. A small amount of impervious surface will be added from the gravel access roads and electrical equipment pads. The Project should be designed to minimize grading and maintain existing drainage patterns. A flood analysis of pre-development and post development depths may need to be completed once civil design is finalized for permitting purposes.

4.2 Post-Construction Stormwater Management

As the Project design progresses, local and state stormwater management requirements should be reviewed to confirm that all applicable requirements have been identified and met.

5.0 FLO-2D Modeling

5.1 FLO-2D Modeling Overview

FLO-2D is a physical process model that routes rainfall runoff and flood hydrographs over specified flow surfaces or in channels using the dynamic wave

approximation to the momentum equation. FLO-2D offers advantages over 1-D models and unit hydrograph methods by allowing for breakout flows and visualization of flows across a potential site. The primary inputs are a DTM (elevation data), curve numbers, and precipitation. Culverts able to be easily identified and directly impacting the Site were included in the model based off of aerial imagery provided by Google Earth (Exhibits 6-8). Culvert sizes and invert elevations may vary from field conditions.

A FLO-2D model with 50-foot grid cells was utilized to model the watershed within and directly impacting the Project Site.

5.2 Elevation Data

The elevation data input into the FLO-2D model was 1-meter DEM data from USGS (Exhibit 5). This data was exported as a single digital terrain model (DTM), which is read directly into FLO-2D.

5.3 Watershed Soils and Land Cover

USDA-NRCS SSURGO soil data provides soil types within the Project boundary and full coverage of the contributing watershed. Soils are primarily classified as Hydrologic Soil Groups (HSG) C and D within the Project boundary (Exhibit 3). Land cover was obtained from the USDA 2021 Cropland Data Layer. Exhibit 4 displays the land cover classes for the entire watershed. Curve numbers were applied to each grid cell in the FLO-2D model based on intersecting the grid with the curve numbers (Exhibit 5).

5.4 Precipitation

Precipitation data for the Project was downloaded from NOAA Atlas 2 (Appendix A). Due to the mountainous nature of the modeled watershed, the 100-year rainfall depths vary significantly across the watershed, with rainfall depths ranging from 2.2" to 3.6" within the watershed and rainfall depths onsite generally around 2.3" during the 100-year, 24-hour storm event. To account for this variation of rainfall depths across the watershed, each grid cell within the FLO-2D model was assigned a location-specific 100-year, 24-hour rainfall depth. See Exhibit 9 for the 100-year, 24-hour rainfall depth distributions across the entire watershed. Modeling the 100-year, 24-hour storm event for this location allows for the best initial analysis in order to determine the worst areas of flooding and erosion. Rainfall inputs were distributed based on a SCS Type II distribution pattern.

6.0 Flood Analysis Results

6.1 Existing Conditions Flood Analysis

The analysis shows low to moderate water depths and low velocities (Exhibits 6 through 7A) across the majority of the Site. During a 100-year storm, the flood

depths across the majority of the Project Area are less than 1 foot with velocities less than 1 foot/second, with the exception of within the flow paths onsite where the depths can reach as high as 4 feet. Pondered water is expected due to backup behind Interstate 84; the depths in these pondered areas can reach up to 8 feet. Water also ponds against the railroad in the southwestern portion of the Site; flood depths in this pondered area can reach up to 4.5 feet. There is a deep depression area in the southeastern parcel that has flood depths up to 14 feet. See Table 3 below for a breakdown of flood depths within the Project Site.

Table 3 – Flood Depths Onsite

Peak Flow Depth (ft)	Percentage of Project Area Covered by Peak Flow Depths
0.00 - 0.49	69.1%
0.50 - 1.00	9.8%
1.01 - 1.50	5.4%
1.51 - 2.00	4.0%
2.01 - 2.50	2.6%
2.51 - 3.00	2.0%
3.01 - 4.00	2.7%
4.01 - 6.00	2.3%
6.01+	2.1%

See Exhibits 6 through 7A for areas within the Project with higher flood depths and velocities.

6.2 Scour

Minimal scour is expected for the majority of the Site (Exhibit 8). Higher scour is expected within the creeks and in the depression area in the southeastern portion of the Site. The scour depths calculated for this Project are based on HEC-18 Pier Scour Equations of a 6-inch-wide pile perpendicular to flow. Scour calculations consist of local scour only with unarmored soils and pile bases to provide the conservative local scour results. These scour results do not account for general, rill, or gully scour.

7.0 Recommendations

Based on experience on similar projects, the Site is suitable for the planned development and hydrologic concerns can be addressed by either avoiding areas of high flood depths or through detailed engineering design.

8.0 Next Steps

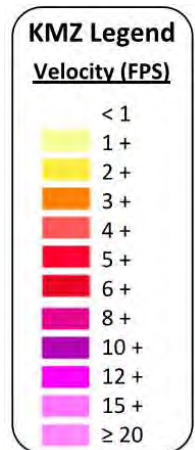
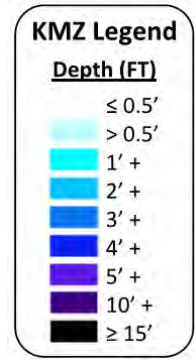
1. Final engineering design should account for the flood depths and velocities presented in Exhibits 6-7A.
2. Facilities to be elevated 1' above the 100-year, 24-hour peak flood elevations.
3. Proposed facilities should avoid FEMA Flood Zones located onsite.
4. Stormwater management should be revisited to ensure the final design meets the local and state requirements.

9.0 Included Output Files

1. Shapefile of 100-year, 24-hour Rain Event Flow Depth
 2024-04-05_CrimsonOrchard_PrelimFlowDepthAtCell_100yr24hr.shp
 Attribute "ID" = Grid Cell Number
 Attribute "VAR" = Max Flow Depth (Feet)

2. Shapefile of 100-year, 24-hour Rain Event Velocity
 2024-04-05_CrimsonOrchard_PrelimVelocityAtCell_100yr24hr.shp
 Attribute "ID" = Grid Cell Number
 Attribute "VAR" = Max Velocity (FPS)

3. KMZ of FLO-2D Results
 2024-04-05_CrimsonOrchard_PrelimFLO-2D.kmz
 Overlay in Google Earth for graphical representation.



10.0 References Cited

National Engineering Handbook, Part 630 Hydrology. Chapter 9 Hydrologic Soil-Cover Complexes. USDA. NRCS. 210-VI-NEH, July 2004

The National Map, 1-meter DEM, Elevation data. Retrieved March 2024, from <https://viewer.nationalmap.gov/basic/>

Web soil survey. Retrieved March 2024, from <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

NOAA Atlas 2 Precipitation Frequency Estimates. Retrieved March 2024, from <https://www.nws.noaa.gov/oh/hdsc/noaaatlas2.htm>

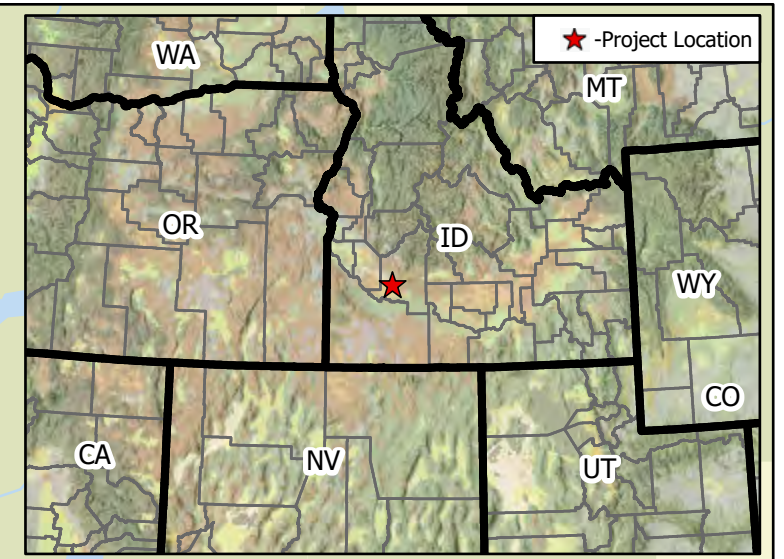
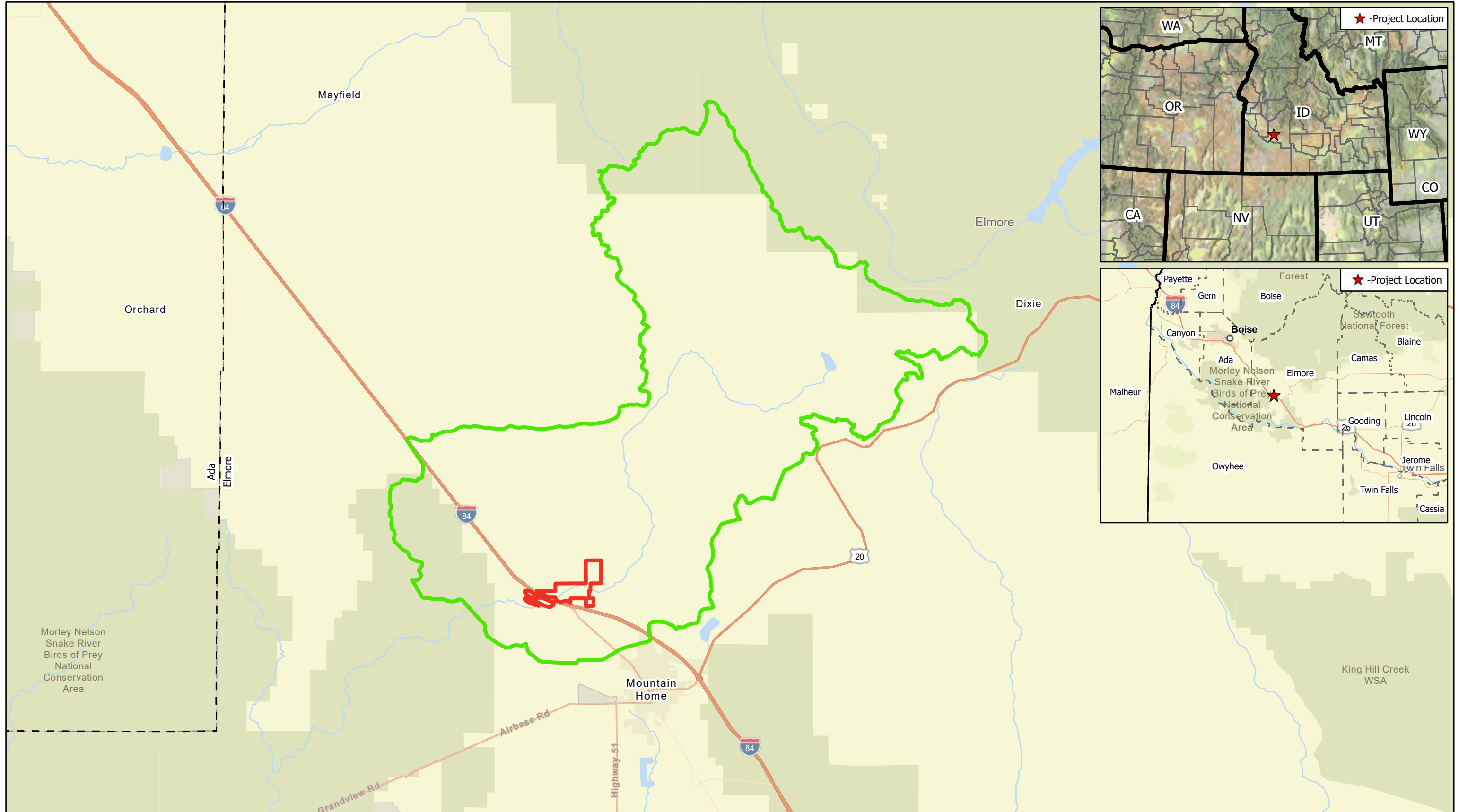
USGS. USGS water resources: About USGS water resources. Retrieved March 2024, from <https://water.usgs.gov/GIS/huc.html>

USDA 2021 Cropland Data Layer, Landcover data. Retrieved March 2024, from https://www.nass.usda.gov/Research_and_Science/Cropland/Release/

FEMA Flood Insurance Rate Maps. Retrieved March 2024, from <https://msc.fema.gov/portal/advanceSearch#searchresultsanchor>

The background of the page is a dark red topographic map with intricate contour lines. A dashed red line runs vertically through the center-left area, starting from a solid red dot near the bottom and ending with an 'X' mark near the top. The word "Exhibits" is printed in white serif font in the upper left quadrant.

Exhibits



Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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

Legend

- Project Area
- County Boundary
- FLO-2D Boundary

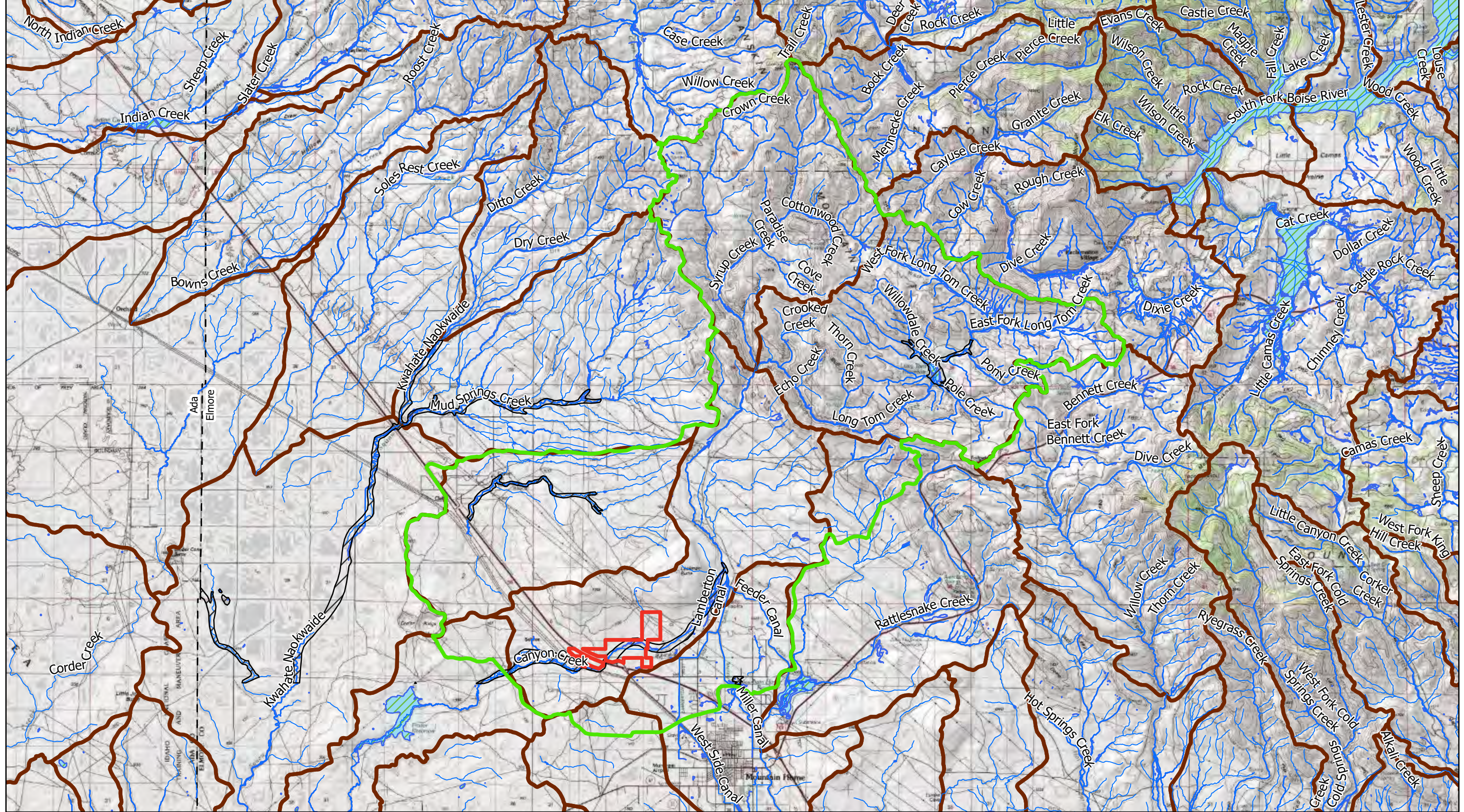
Crimson Orchard Solar Project

Elmore County, Idaho



Exhibit 1: Location Map
June 14, 2024

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Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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- Legend**
- Project Area
 - FLO-2D Boundary
 - County Boundary
 - HUC-12 Boundary
 - FEMA Zone A*
 - FEMA Zone AE*
 - NWI Wetlands
 - NHD Flowlines

Crimson Orchard Solar Project

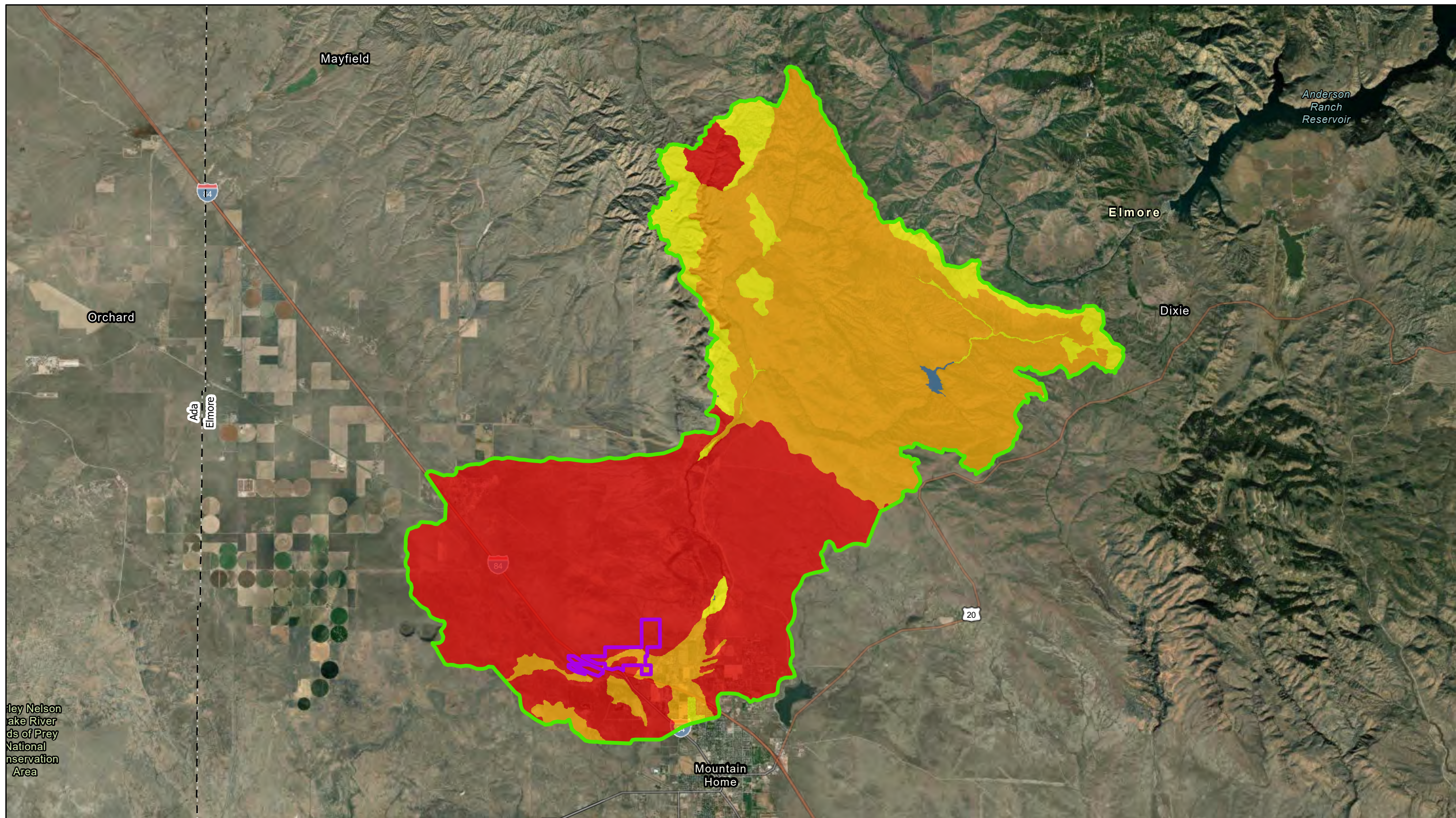
Elmore County, Idaho



Exhibit 2: Base Hydrologic Map

*FEMA Data electronically hand digitized

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Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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Legend

- Project Area
- FLO-2D Boundary
- County Boundary
- Hydrologic Soil Group A
- Hydrologic Soil Group A/D
- Hydrologic Soil Group B
- Hydrologic Soil Group B/D
- Hydrologic Soil Group C
- Hydrologic Soil Group C/D
- Hydrologic Soil Group D
- Water

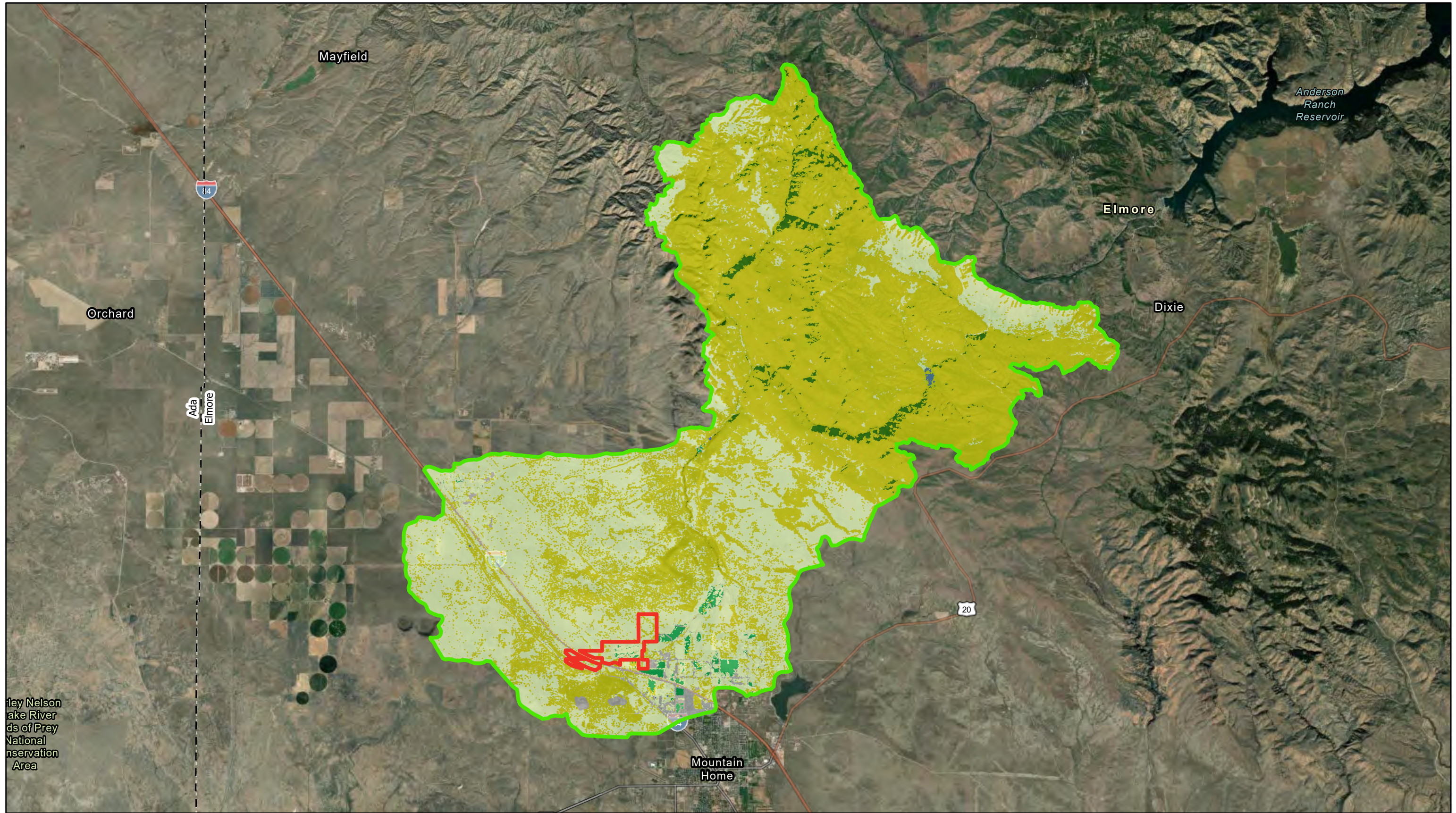
Crimson Orchard Solar Project

Elmore County, Idaho



Exhibit 3: Soils Map
June 14, 2024

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03-Soils_Map - Soils Map | 6/12/2024 12:34 PM | 11meritings



Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

Legend

- | | | | |
|-----------------|------------------|-------------|-----------|
| Project Area | Landcover | Fallow | Shrubland |
| FLO-2D Boundary | Barren | Woods | Water |
| County Boundary | Cultivated | Pastureland | Wetland |
| | Developed | | |

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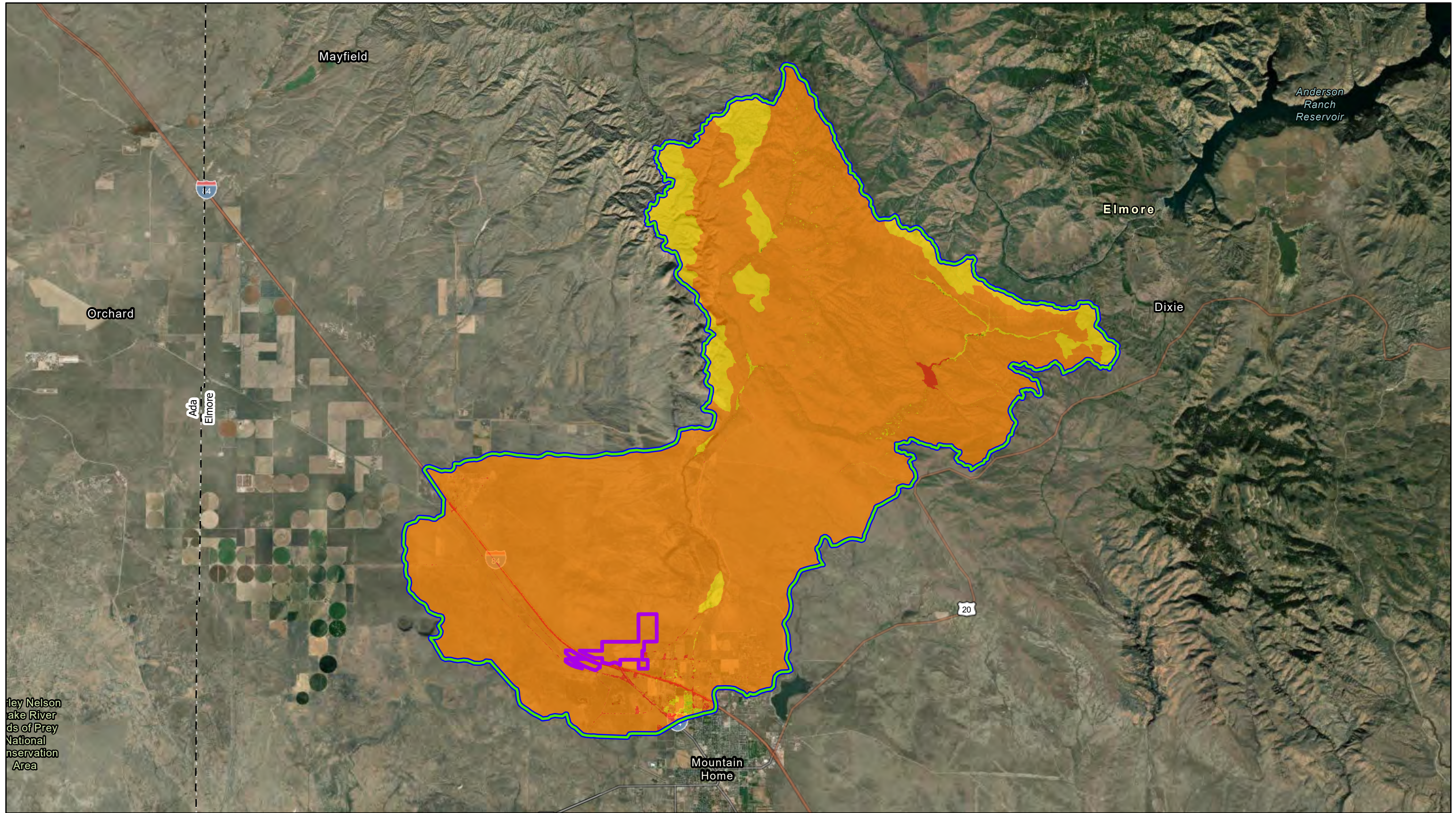
Crimson Orchard Solar Project
Elmore County, Idaho



Exhibit 4: Landcover Map

June 14, 2024











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04-Landcover Map - Landcover [01/22/2024 12:55 PM] (merrings)



Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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Legend

 Project Area	 1-Meter Extents	 50 - 59	 80 - 89
 FLO-2D Boundary	Curve Number	 60 - 69	 90 - 99
 County Boundary	 40 - 49	 70 - 79	

Crimson Orchard Solar Project

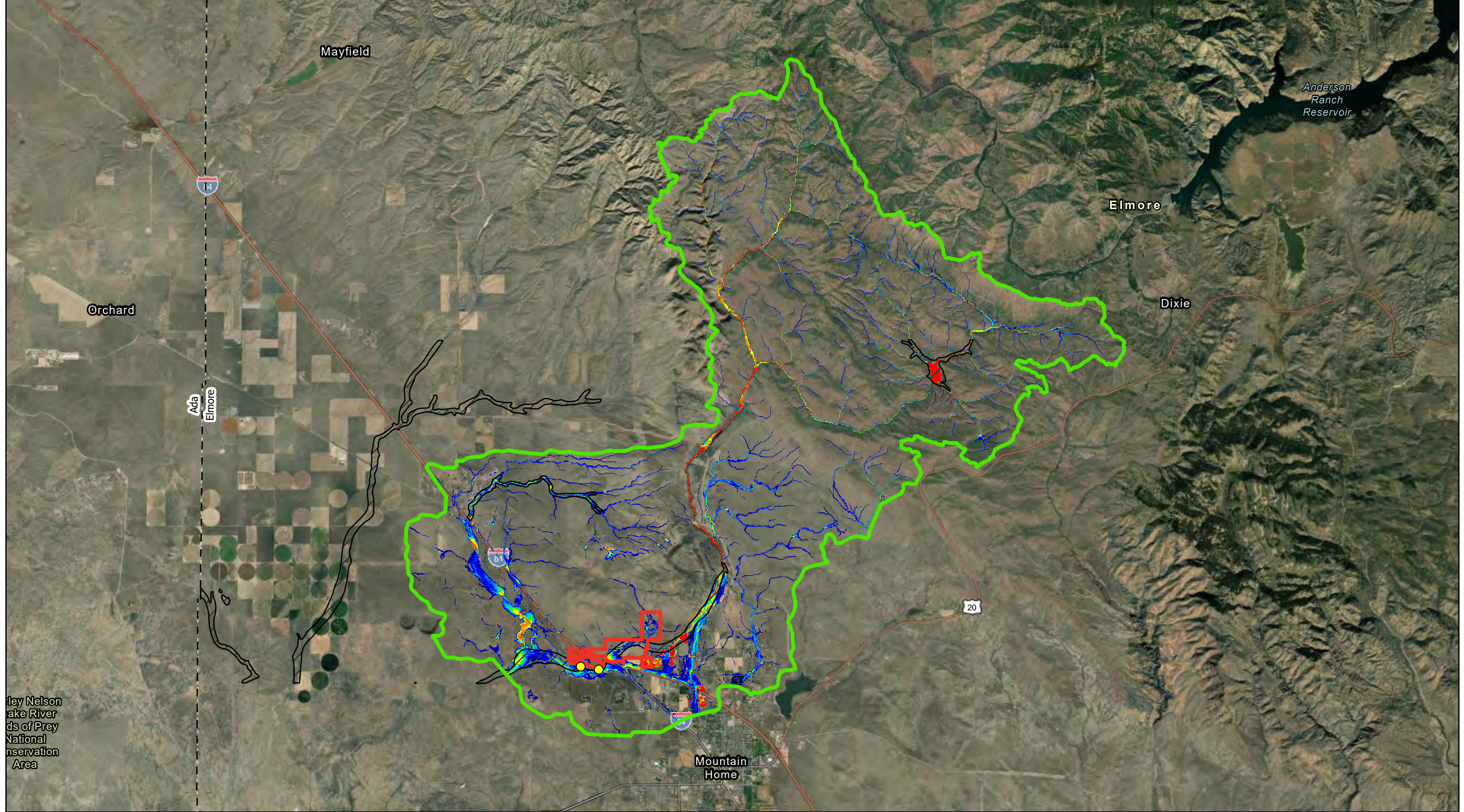
Elmore County, Idaho



Exhibit 5: Curve Number and Topographic Source Map

June 14, 2024

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Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

Legend

Project Area	FEMA Zone AE*	1.01 - 1.50	3.01 - 4.00	7.01 - 8.00
FLO-2D Boundary	FLO-2D Culvert Inputs	1.51 - 2.00	4.01 - 5.00	8.01+
County Boundary	Flow Depth at Cell (ft)	2.01 - 2.50	5.01 - 6.00	
FEMA Zone A*	0.50 - 1.00	2.51 - 3.00	6.01 - 7.00	

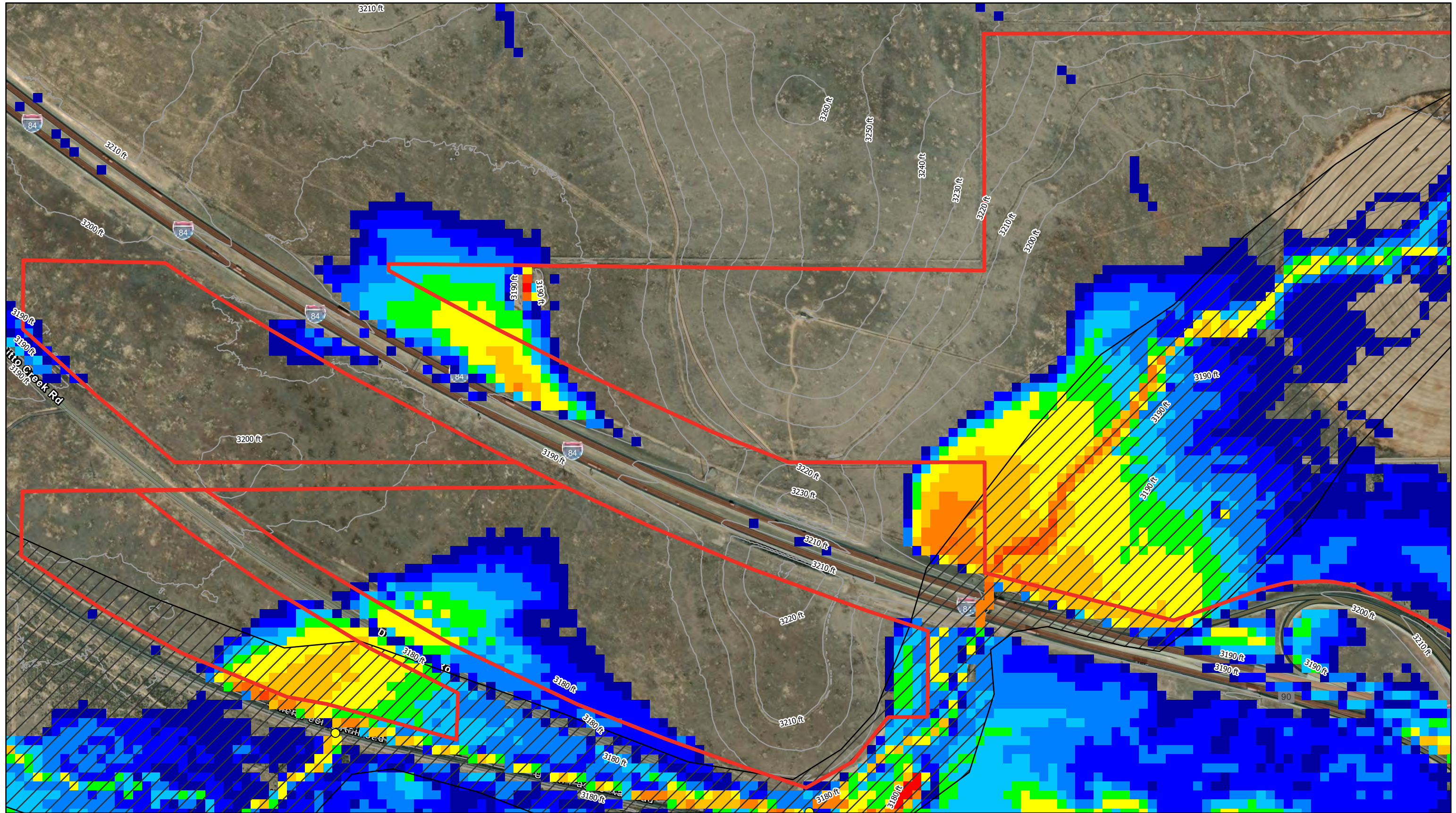
Westwood
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Crimson Orchard Solar Project
Elmore County, Idaho
Exhibit 6: 100-Year Max Water Depth Map
June 14, 2024



*FEMA Data electronically hand digitized

\\westwoodps.local\Global\Projects\0051536_00_GIS_Hydro\2024-04-03_Hydro_Exhibits\Crimson Orchard Solar Project\Crimson Orchard Solar Project.aprx 06-100 Yr Max Water Depth Map - 100 Yr Max Water Depth | 8/12/2024 12:34 PM | mlemings



Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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Legend

- | | | | | |
|-----------------|-------------------------|-------------|-------------|-------------|
| Project Area | FEMA Zone AE* | 1.01 - 1.50 | 3.01 - 4.00 | 7.01 - 8.00 |
| FLO-2D Boundary | FLO-2D Culvert Inputs | 1.51 - 2.00 | 4.01 - 5.00 | 8.01+ |
| County Boundary | Flow Depth at Cell (ft) | 2.01 - 2.50 | 5.01 - 6.00 | |
| FEMA Zone A* | 0.50 - 1.00 | 2.51 - 3.00 | 6.01 - 7.00 | |

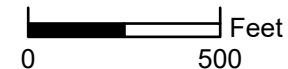
*FEMA Data electronically hand digitized

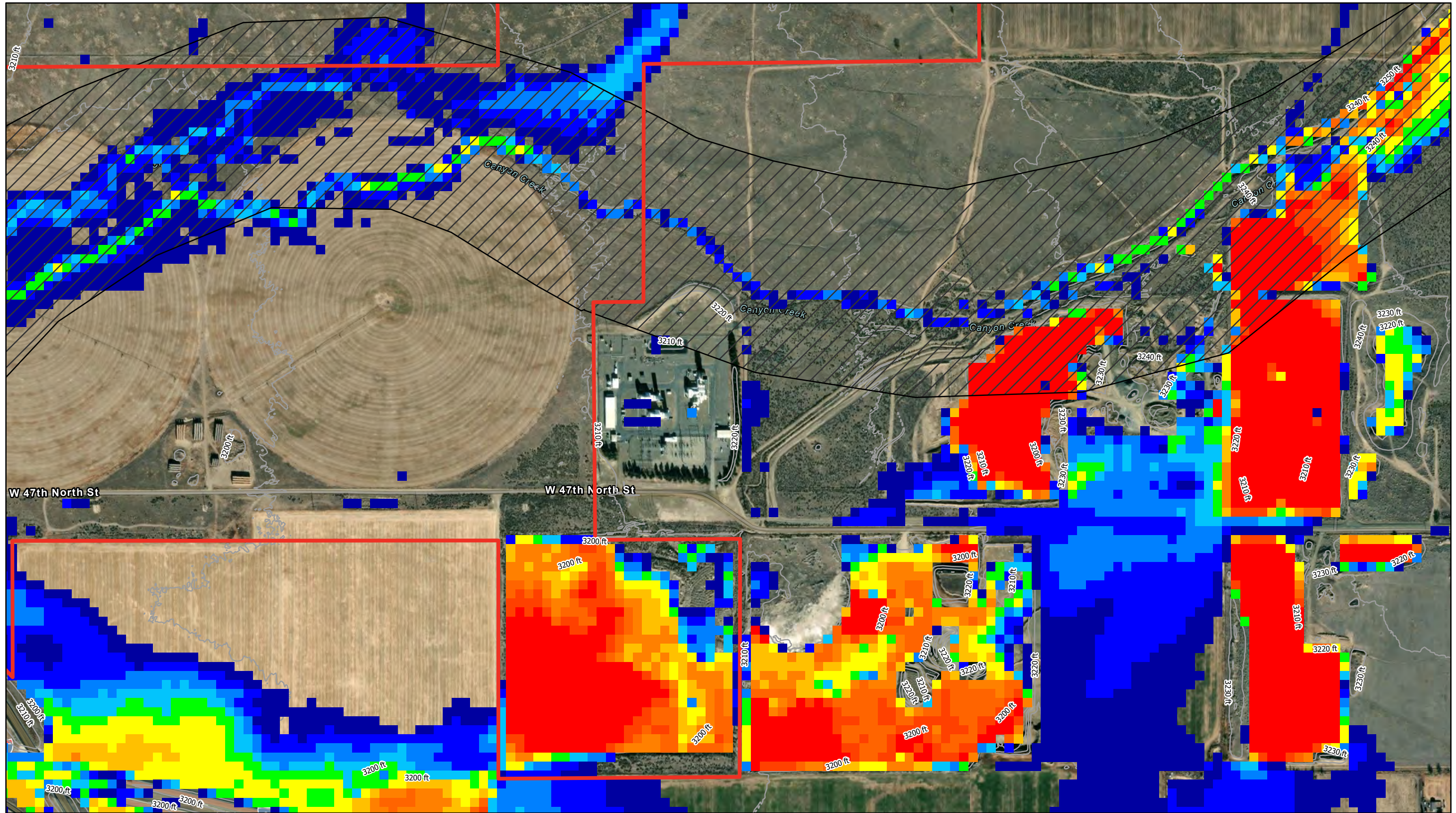
Crimson Orchard Solar Project

Elmore County, Idaho

Exhibit 6A: 100-Year Max
Water Depth Project Area Map

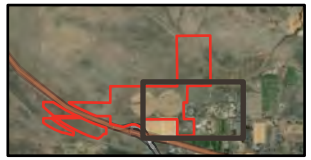
June 14, 2024





Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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Legend

- Project Area
- FEMA Zone AE*
- 1.01 - 1.50
- 3.01 - 4.00
- 7.01 - 8.00
- FLO-2D Boundary
- FLO-2D Culvert Inputs
- 1.51 - 2.00
- 4.01 - 5.00
- 8.01+
- County Boundary
- Flow Depth at Cell (ft)**
- 2.01 - 2.50
- 5.01 - 6.00
- FEMA Zone A*
- 0.50 - 1.00
- 2.51 - 3.00
- 6.01 - 7.00

*FEMA Data electronically hand digitized

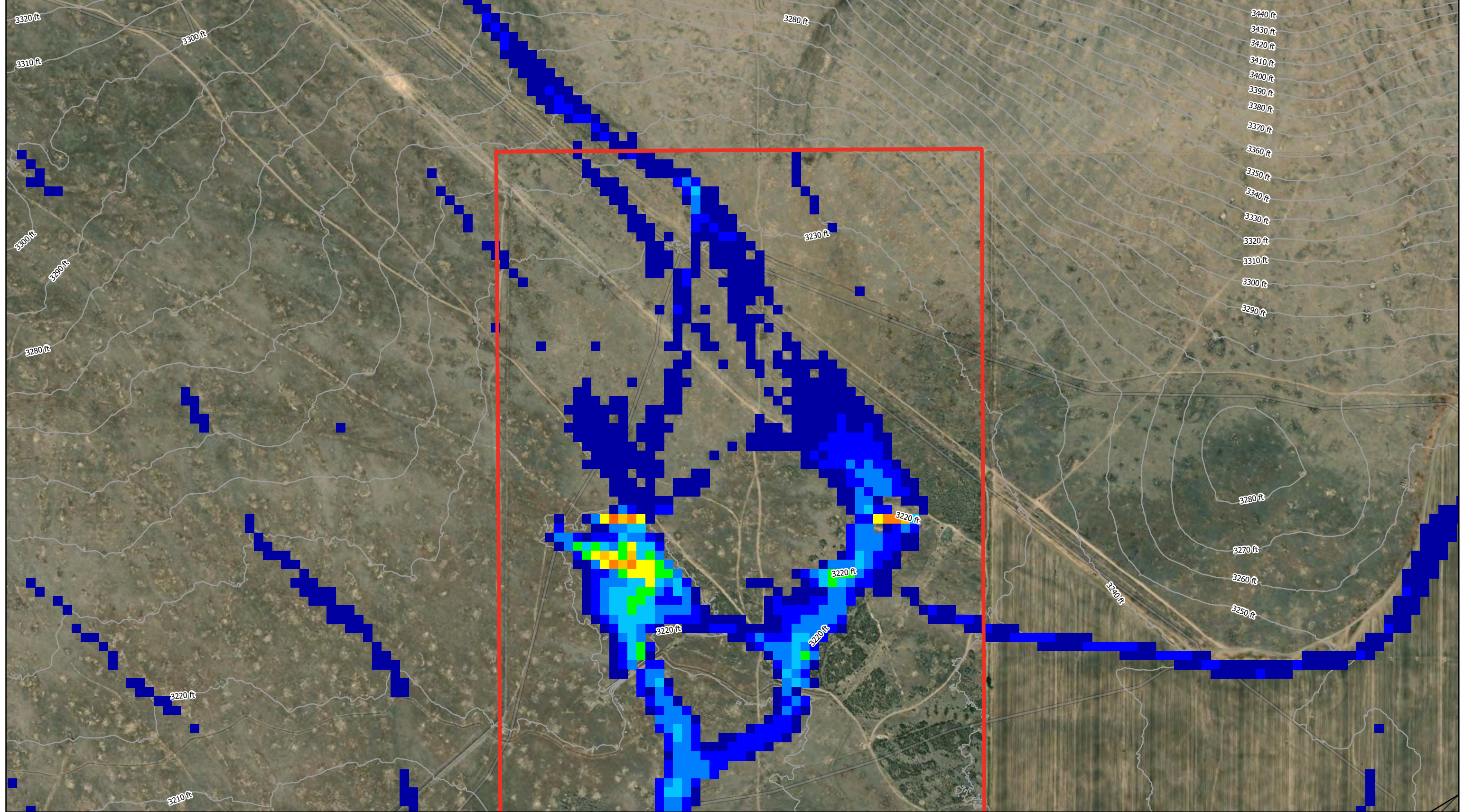
Crimson Orchard Solar Project

Elmore County, Idaho



Exhibit 6B: 100-Year Max Water Depth Project Area Map

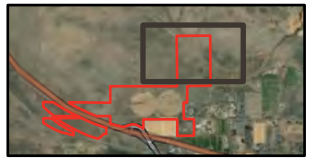
June 14, 2024



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Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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Legend

- Project Area
- FLO-2D Boundary
- County Boundary
- FEMA Zone AE*
- FLO-2D Culvert Inputs
- Flow Depth at Cell (ft)
- 0.50 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01+

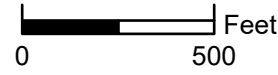
Crimson Orchard Solar Project
Elmore County, Idaho

Exhibit 6C: 100-Year Max
Water Depth Project Area Map

June 14, 2024

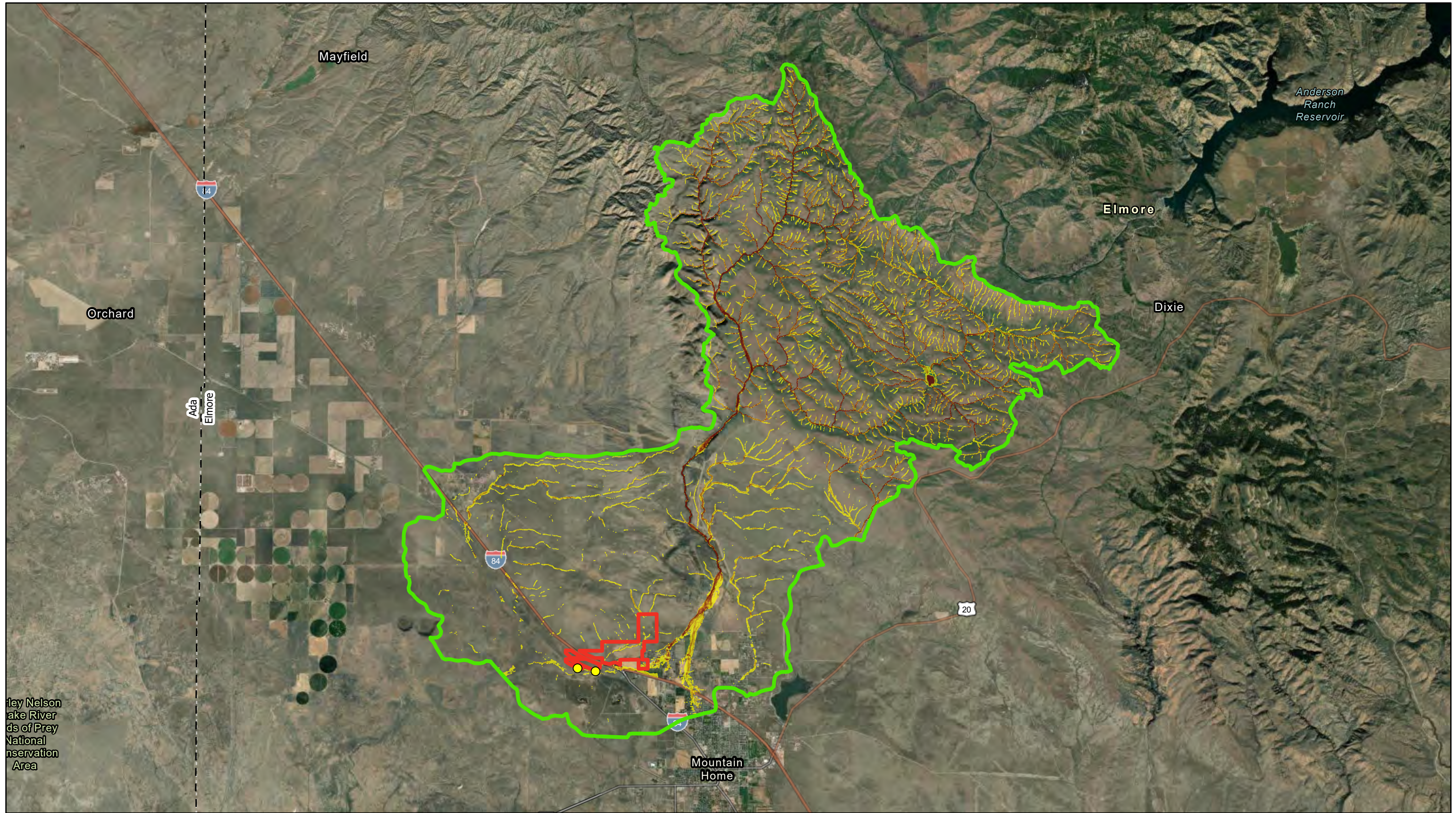


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0 500 Feet

*FEMA Data electronically hand digitized



Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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Legend

- Project Area
- FLO-2D Boundary
- County Boundary
- FLO-2D Culvert Inputs
- 1.00 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 4.00
- 4.01 +

Peak Velocity (fps)

Crimson Orchard Solar Project

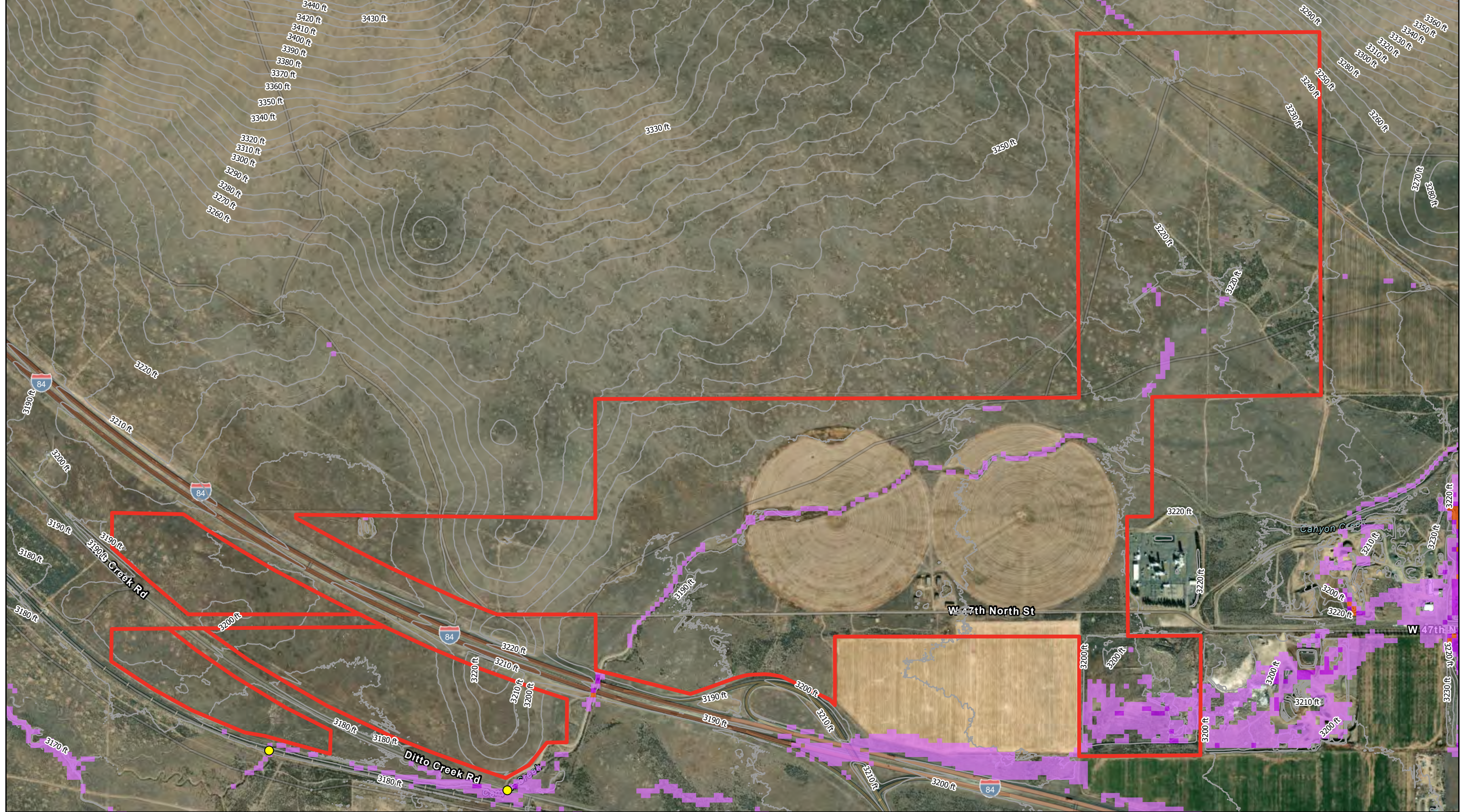
Elmore County, Idaho

Exhibit 7: 100-Year Peak Velocity Map

June 14, 2024



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Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

Legend

Project Area	FLO-2D Culvert Inputs	2.01 +
FLO-2D Boundary	Scour (ft)	
County Boundary	1.00 - 1.50	1.51 - 2.00
10' Contours		

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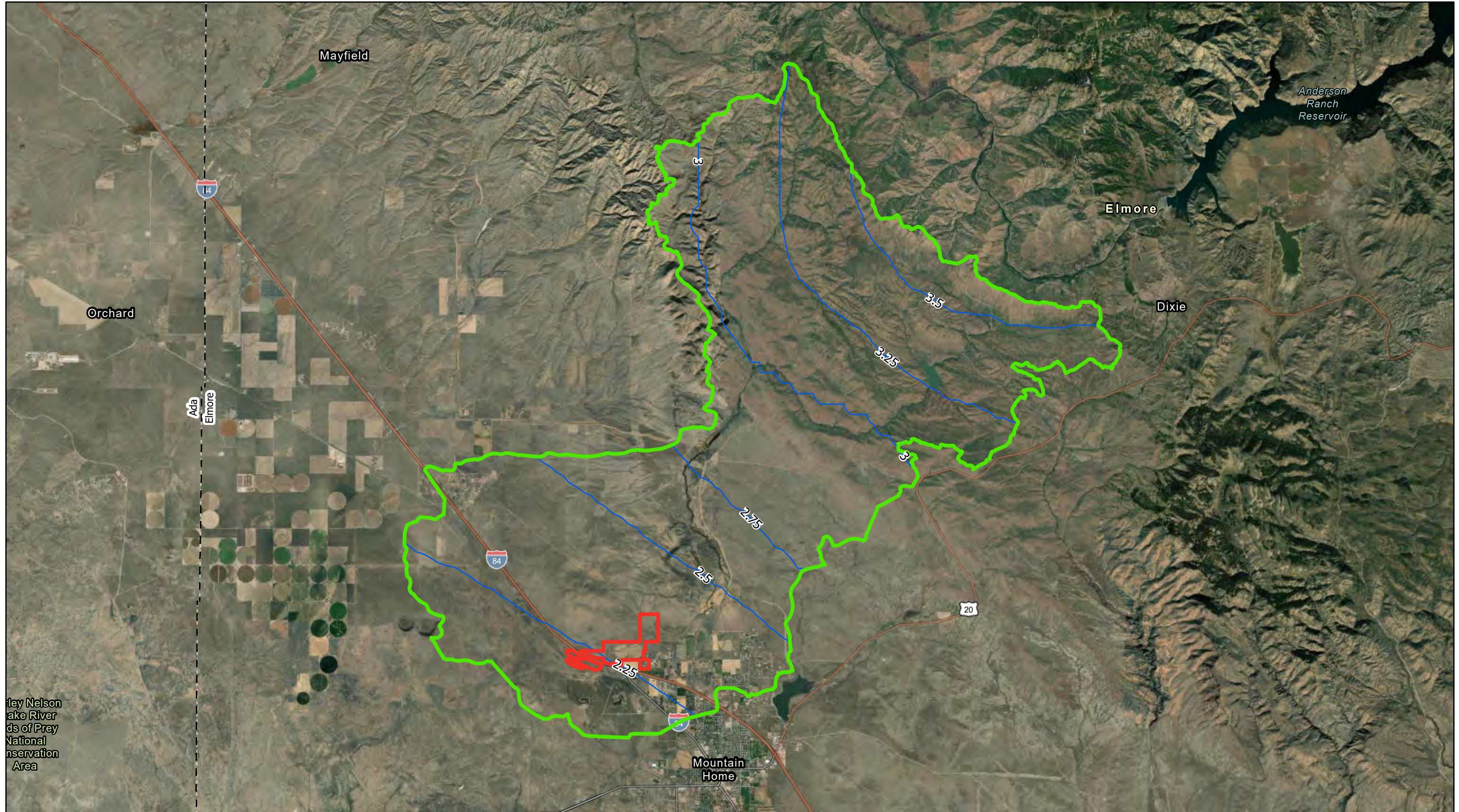
Crimson Orchard Solar Project

Elmore County, Idaho



Exhibit 8: 100-Year Scour Map
June 14, 2024

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Data Source(s): Westwood (2024); Esri WMS Basemap Imagery (Accessed 2024); USGS (2024); FEMA (2024); USDA (2024)

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

Legend

- Project Area
- County Boundary
- FLO-2D Boundary
- 100-Year 24-Hour Varied Rainfall (in)

Crimson Orchard Solar Project

Elmore County, Idaho

Exhibit 9: Spatially Varied Rainfall Map

June 14, 2024

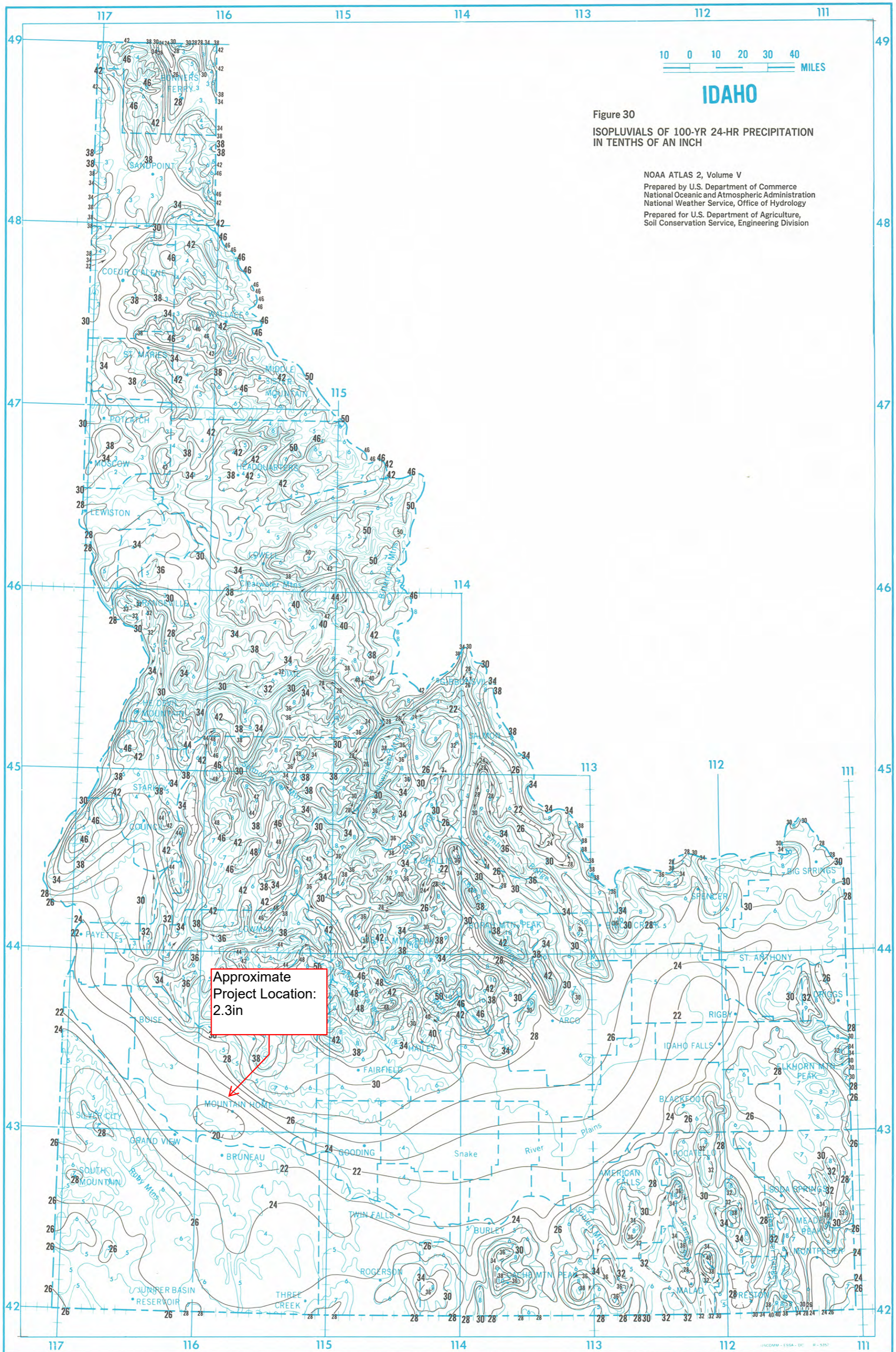


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Appendix A

NOAA Atlas 2 Precipitation Data





Appendix B

Curve Number Table

Table 2. Semi-Arid Curve Numbers (adapted from NEH 630)

Class	Value	Classification Description	Curve Number				
			Soil Type*				
			A	B	C	D	W
Water	11	Open Water - areas of open water, generally with less than 25% cover of vegetation or soil.	98	98	98	98	100
	12	Perennial Ice/Snow - areas characterized by a perennial cover of ice and/or snow, generally greater than 25% of total cover.	98	98	98	98	100
Developed	21	Developed, Open Space - areas with a mixture of some constructed materials, but mostly vegetation in the form of lawn grasses. Impervious surfaces account for less than 20% of total cover. These areas most commonly include large-lot single-family housing units, parks, golf courses, and vegetation planted in developed settings for recreation, erosion control, or aesthetic purposes.	46	65	77	82	100
	22	Developed, Low Intensity - areas with a mixture of constructed materials and vegetation. Impervious surfaces account for 20% to 49% percent of total cover. These areas most commonly include single-family housing units.	61	75	83	87	100
	23	Developed, Medium Intensity - areas with a mixture of constructed materials and vegetation. Impervious surfaces account for 50% to 79% of the total cover. These areas most commonly include single-family housing units.	77	85	90	95	100
	24	Developed High Intensity - highly developed areas where people reside or work in high numbers. Examples include apartment complexes, row houses and commercial/industrial. Impervious surfaces account for 80% to 100% of the total cover.	89	92	94	95	100
Barren	31	Barren Land (Rock/Sand/Clay) - areas of bedrock, desert pavement, scarps, talus, slides, volcanic material, glacial debris, sand dunes, strip mines, gravel pits and other accumulations of earthen material. Generally, vegetation accounts for less than 15% of total cover.	77	86	91	94	100
Forest	41	Deciduous Forest - areas dominated by trees generally greater than 5 meters tall, and greater than 20% of total vegetation cover. More than 75% of the tree species shed foliage simultaneously in response to seasonal change.	43	55	70	77	100
	42	Evergreen Forest - areas dominated by trees generally greater than 5 meters tall, and greater than 20% of total vegetation cover. More than 75% of the tree species maintain their leaves all year. Canopy is never without green foliage.	43	55	70	77	100
	43	Mixed Forest - areas dominated by trees generally greater than 5 meters tall, and greater than 20% of total vegetation cover. Neither deciduous nor evergreen species are greater than 75% of total tree cover.	43	55	70	77	100
Shrubland	51	Dwarf Scrub - Alaska only areas dominated by shrubs less than 20 centimeters tall with shrub canopy typically greater than 20% of total vegetation. This type is often co-associated with grasses, sedges, herbs, and non-vascular vegetation.	55	71	81	89	100
	52	Shrub/Scrub - areas dominated by shrubs; less than 5 meters tall with shrub canopy typically greater than 20% of total vegetation. This class includes true shrubs, young trees in an early successional stage or trees stunted from environmental conditions.	55	71	81	89	100
Herbaceous	71	Grassland/Herbaceous - areas dominated by graminoid or herbaceous vegetation, generally greater than 80% of total vegetation. These areas are not subject to intensive management such as tilling, but can be utilized for grazing.	55	71	81	89	100
	72	Sedge/Herbaceous - Alaska only areas dominated by sedges and forbs, generally greater than 80% of total vegetation. This type can occur with significant other grasses or other grass like plants, and includes sedge tundra, and sedge tussock tundra.	55	71	81	89	100
	73	Lichens - Alaska only areas dominated by fruticose or foliose lichens generally greater than 80% of total vegetation.	55	71	81	89	100
	74	Moss - Alaska only areas dominated by mosses, generally greater than 80% of total vegetation.	55	71	81	89	100
Planted/Cultivated	81	Pasture/Hay - areas of grasses, legumes, or grass-legume mixtures planted for livestock grazing or the production of seed or hay crops, typically on a perennial cycle. Pasture/hay vegetation accounts for greater than 20% of total vegetation.	55	71	81	89	100
	82	Cultivated Crops - areas used for the production of annual crops, such as corn, soybeans, vegetables, tobacco, and cotton, and also perennial woody crops such as orchards and vineyards. Crop vegetation accounts for greater than 20% of total vegetation. This class also includes all land being actively tilled.	67	78	85	89	100
	83	Small Grains	63	75	83	87	100
Wetlands	91	Woody Wetlands - areas where forest or shrubland vegetation accounts for greater than 20% of vegetative cover and the soil or substrate is periodically saturated with or covered with water.	45	66	77	83	100
	92	Emergent Herbaceous Wetlands - Areas where perennial herbaceous vegetation accounts for greater than 80% of vegetative cover and the soil or substrate is periodically saturated with or covered with water.	45	66	77	83	100

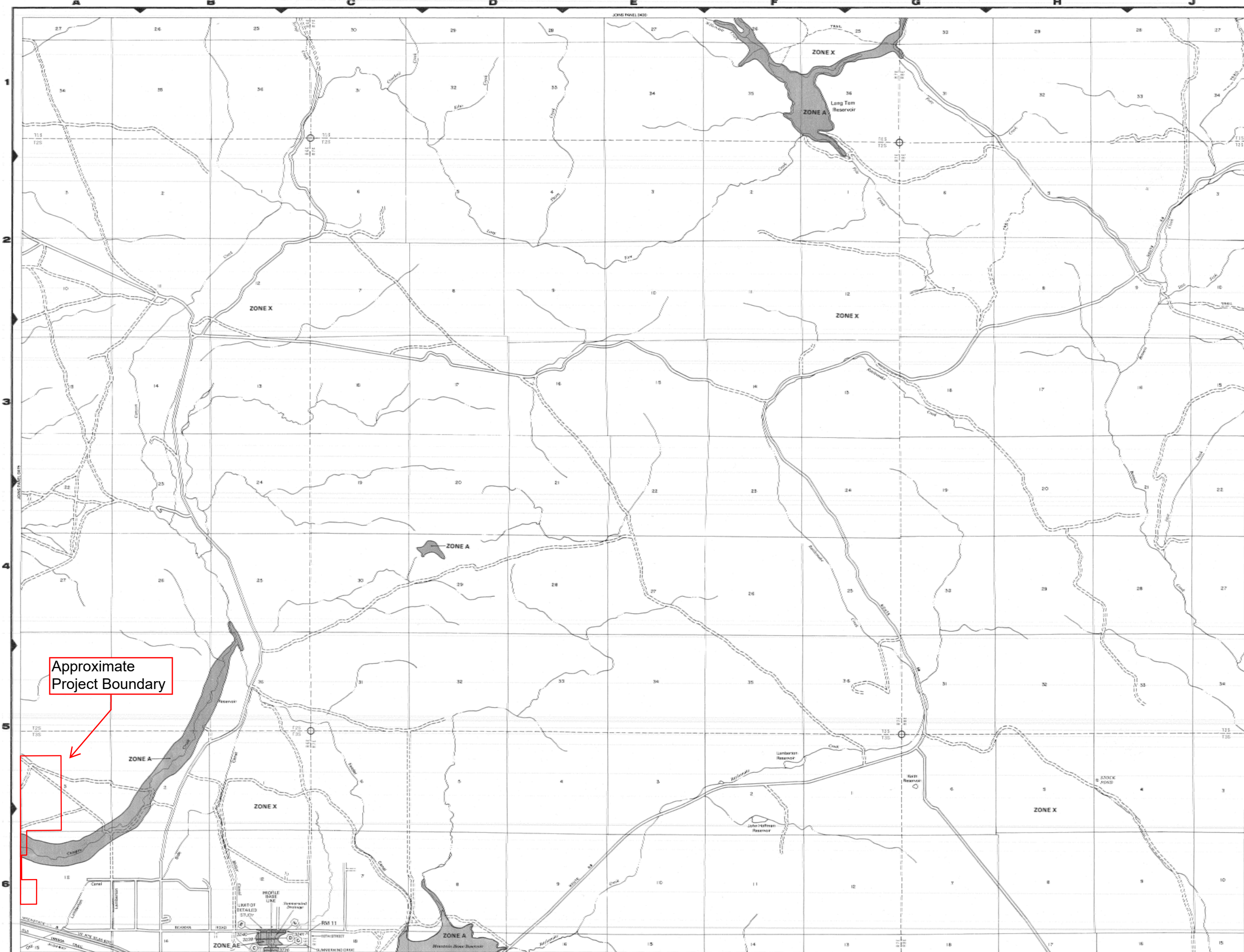
*A/D, B/D and C/D soils lumped as D soils, W denotes water

**Curve Numbers for NLCD Codes 41-43 have been increased from 30 to 43 as many of these areas are partially grazed Woods-grass combination.

The background of the page is a topographic map with red contour lines on a dark red background. A dashed red line runs vertically through the center of the map. A solid red dot is located on this dashed line in the lower-left quadrant, and a red 'X' is located on the dashed line in the upper-right quadrant.

Appendix C

FEMA Flood Insurance Rate Map (FIRM)



Approximate Project Boundary

LEGEND

SPECIAL FLOOD HAZARD AREAS ESTABLISHED BY 100-YEAR FLOOD

- ZONE A** Areas of 100-year flood hazard.
- ZONE AE** Areas of 100-year flood hazard.
- ZONE AH** Areas of 100-year flood hazard.
- ZONE AO** Areas of 100-year flood hazard.
- ZONE AX** Areas of 100-year flood hazard.
- ZONE AY** Areas of 100-year flood hazard.
- ZONE AZ** Areas of 100-year flood hazard.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 100-year flood hazard.
- ZONE D** Areas of 100-year flood hazard.

OTHER AREAS

- ZONE B** Areas of 100-year flood hazard.
- ZONE C** Areas of 100-year flood hazard.

BOUNDARIES

- Flood Boundary
- Floodway Boundary
- - - Zone D Boundary
- Boundary, Existing Special Flood Hazard Zone, and Boundary, Existing Zone of Different Capital Base Flood Elevations Within Special Flood Hazard Zone.

BASE FLOOD ELEVATION LINE, DISCONTINUITY

CROSS SECTION LINE

BASE FLOOD ELEVATION IN FEET ABOVE MEAN SEA LEVEL

ELEVATION REFERENCE MARK

Referenced to the National Geodetic Vertical Datum of 1929

NOTES

This map is for use in administering the National Flood Insurance Program. It does not constitute a warranty of accuracy or a representation of the Federal Emergency Management Agency's liability.

Areas of special flood hazard (100-year flood) include Zones A, AE, AH, AO, AX, AY, AZ, B, C, D, X, and Y.

Other areas not included in Special Flood Hazard Areas may be periodically flooded.

Boundaries of the Floodway were computed at cross sections and established between cross sections. The Floodway was based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Boundary within in some areas may be for known or suspected floodway, and may be subject to future study.

Capital base flood elevations apply only to buildings of the following construction:

- 1. Buildings constructed on or after July 16, 1954.
- 2. Buildings constructed on or after July 16, 1954, and having a mean freeboard of 1.5 feet above the base flood elevation.

For additional requirements, see the National Flood Insurance Program Manual.

DATE OF REVISION:

Original Date: February 1989 (Revised: February 1989)

INTERNAL IDENTIFICATION:

JULY 4, 1978

FLOOD HAZARD BOUNDARY MAP REVISIONS:

FLOOD INSURANCE RATE MAP EFFECTIVE: JUNE 19, 1989

FLOOD INSURANCE RATE MAP REVISIONS:

Notes to the FLOOD INSURANCE RATE MAP EFFECTIVE: JUNE 19, 1989. This map is effective when capital base flood elevations in the areas where structures or depths have been established.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 425-6233.

APPROXIMATE SCALE: 1 INCH = 1 MILE

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

ELMORE COUNTY, IDAHO (UNINCORPORATED AREAS)

PANEL 500 OF 850
SEE MAP INDEX FOR PANELS NOT PRINTED

MAP LOCATION
COMMUNITY-PANEL NUMBER
160212 0500 B

EFFECTIVE DATE:
JUNE 19, 1989

Federal Emergency Management Agency



Aquatic Resources
Delineation Report for the
Crimson Orchard Solar Project,
Elmore County, Idaho

JUNE 2024

PREPARED FOR

Crimson Orchard Solar LLC

PREPARED BY

SWCA Environmental Consultants

**AQUATIC RESOURCES DELINEATION REPORT
FOR THE CRIMSON ORCHARD SOLAR PROJECT,
ELMORE COUNTY, IDAHO**

Prepared for

Crimson Orchard Solar LLC
999 West Main Street, Suite 800
Boise, Idaho 83702
Attn: Cara Mahler

Prepared by

SWCA Environmental Consultants
257 East 200 South, Suite 200
Salt Lake City, Utah 84111
www.swca.com

June 2024

ABBREVIATIONS

CFR	Code of Federal Regulations
CWA	Clean Water Act
delineation	aquatic resources delineation
EPA	U.S. Environmental Protection Agency
FAC	Facultative
FACU	Facultative Upland
FACW	Facultative Wetland
GPS	global positioning system
IDWR	Idaho Department of Water Resources
NHD	National Hydrography Dataset
NRCS	Natural Resources Conservation Service
NWI	National Wetlands Inventory
OBL	Obligate Wetland
OHWM	ordinary high-water mark
SSURGO	Soil Survey Geographic Database
SWCA	SWCA Environmental Consultants
UPL	Upland
USACE	U.S. Army Corps of Engineers
WOTUS	waters of the United States

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- Appendix B. Aquatic Resources Maps
- Appendix C. Ordinary High-Water Mark Datasheets
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- Appendix E. Supplementary Data

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1 INTRODUCTION

Crimson Orchard Solar LLC (client) is planning to develop a solar energy project (Crimson Orchard Solar Project) in Elmore County, Idaho. The project will comprise a utility-scale photovoltaic energy-generating facility, a battery energy storage system, and associated electrical generation interconnection power lines. The client has requested an aquatic resources delineation (delineation) to identify and evaluate potential aquatic resources (including wetlands) within the project area (hereafter referred to as the *survey area*) that may be subject to U.S. Army Corps of Engineers (USACE) Walla Walla District and the State of Idaho jurisdiction, as defined in Sections 401 and/or 404 of the Clean Water Act and Idaho Statute 42-3801.

Aquatic resources comprise potential waters of the United States (WOTUS) and State of Idaho, including wetlands. The survey area covers 959 acres (Figure A-1, Appendix A), with elevations ranging from 3,182 to 3,280 feet above mean sea level.

This delineation report describes the extent and location of aquatic resources in the survey area. SWCA Environmental Consultants (SWCA) conducted the aquatic resources delineation from April 27 through 30, 2024, and from May 23 through 24, 2024, as part of the wetland avoidance and permitting process.

The delineation of aquatic resources in the survey area will aid the client in permitting, if necessary, and allow the client to make informed decisions moving forward with the Crimson Orchard Solar Project. Five appendices support this delineation report. Appendix A provides a location map showing the survey area (Figure A-1). Appendix B provides a map showing the delineation field results (Figures B-1). Appendix C provides the ordinary high-water mark datasheet. Appendix D provides supplementary maps (Figures D-1 through D-4). Appendix E provides supplementary data, including the U.S. Army Corps of Engineers (USACE) Antecedent Precipitation Tool for the survey area.

1.1 Contact Information

Applicant: Crimson Orchard Solar LLC
999 West Main Street, Suite 800
Boise, Idaho 83702
Attn: Cara Mahler

Agent: SWCA Environmental Consultants
257 East 200 South, Suite 200
Salt Lake City, Utah 84111
(801) 322-4307
andrea.rainka@swca.com

1.2 Survey Area Location

The survey area is in Elmore County, Idaho, approximately 1.7 miles northwest of Mountain Home, Idaho, in Sections 3, 8, 9, and 10, Township 3 South, Range 6 East (see Figure A-1). The center point of the survey area is located at 43.183189 and -115.742237. To access the survey area from Mountain Home, Idaho, take Canyon Creek Road north approximately 1 mile from the Interstate 84 and turn left on northwest Mashburn Road. Once on northwest Mashburn Road, head west for approximately 1.5 miles before reaching the northeast margin of the survey area.

1.3 Regulatory Setting

1.3.1 Waters of the United States

On May 25, 2023, the Supreme Court of the United States issued the Sackett v. U.S. Environmental Protection Agency (EPA) decision, which narrows the interpretation of federal WOTUS (Supreme Court of the United States 2023). The decision determines that the Clean Water Act (CWA) jurisdiction extends to only those wetlands with a continuous surface connection to bodies that are WOTUS “in their own right” so that they are “indistinguishable” from those waters. In addition, the decision abandons the existing significant nexus test for adjacent wetlands moving forward. The Sackett v. EPA decision also emphasizes statutory language in the CWA that protects the primary responsibilities and rights of states to reduce water pollution and to manage land and water resources.

In light of this decision, the EPA and U.S. Department of the Army will interpret WOTUS consistent with the Sackett v. EPA decision and as defined by the EPA and U.S. Department of the Army under 33 Code of Federal Regulations (CFR) 328.3. Eight exclusions from the WOTUS definition are codified at 40 CFR 120 and 33 CFR 328.3 paragraph (b), and key terms are defined at paragraph (c).

Wetlands are a subset of jurisdictional WOTUS and are jointly defined by the USACE and the EPA as “those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas” (Environmental Laboratory 1987).

1.3.1.1 REGULATED ACTIVITIES

Under Section 404 of the CWA, dredged and fill material may not be discharged into jurisdictional WOTUS, including wetlands, without a permit.

Regulated activities include

- fill for development,
- utility line projects (such as pipelines), and
- infrastructure development (such as roads).

1.3.2 Waters of the State

Idaho Statutes 42-3801 and 42-3802 require that the stream channels of the state and their environments be protected against alteration for the protection of fish and wildlife habitat, aquatic life, recreation, aesthetic beauty, and water quality. No alteration of any stream channel shall hereafter be made unless approval therefore has been given as provided in this act (Idaho Statute 42-3801). *Stream channel* refers to a natural watercourse of perceptible extent, with definite bed and banks, that confines and conducts continuously flowing water. Ditches, canals, laterals, and drains that are constructed and used for irrigation or drainage purposes are not stream channels (Idaho Statute 42-3802). The Idaho Department of Water Resources (IDWR) must approve any work being done within the beds and banks of a continuously flowing stream. A stream channel alteration permit from the Idaho Department of Water Resources must be acquired before beginning any work that alters a stream channel. *Stream alteration* is defined as “any activity that will obstruct, diminish, destroy, alter, modify, relocate or change the natural existing shape or direction of water flow of any stream channel. This includes taking material out of the channel or placing

material or structures in or across the channel where the potential exists to affect flow in the channel” (Idaho Department of Water Resources 2023).

The Idaho Department of Water Resources, Idaho Department of Lands, and the USACE have developed a joint application for permits under the Stream Protection Act. An application must be filed at least 60 days before the applicant proposes to start construction. The application shall be accompanied by plans that clearly describe the nature and purpose of the proposed work. In those cases where the applicant intends to follow the minimum standards, detailed plans may be eliminated by referring to the specific minimum standard; however, drawings necessary to adequately define the extent, purpose, and location of the work may be required (Idaho Administrative Code 37.03.07.030).

2 METHODS

2.1 Desktop Resource Review

Before the delineation field surveys, SWCA reviewed the following data sources as they pertain to the survey area:

- Aerial photograph (see Figure A-1) to identify potential aquatic resources in the survey area
- USACE Antecedent Precipitation Tool (see Appendix E) to compare recent rainfall conditions of the survey area to the range of normal rainfall conditions that occurred during the preceding 30 years of the survey and evaluate how that affects site conditions
- Topographic map (see Figure D-1) to identify nearest aquatic resources to the survey area
- Land use map (see Figure D-2) to identify current land use in the survey area
- National Wetlands Inventory (NWI) data (U.S. Fish and Wildlife Service 2024) and the National Hydrography Dataset (NHD) (Idaho Department of Water Resources [IDWR] and U.S. Geological Survey 2024) to identify potential aquatic resources in the survey area (see Figure D-3)
- Natural Resources Conservation Service (NRCS) Soil Survey Geographic Database (SSURGO) to identify potential hydric soils in the survey area (NRCS 2023) (see Figure D-4).

2.2 Field Survey

SWCA conducted the delineation field surveys from April 27 through 30, and from May 23 through 24, 2024. Surveys consisted of investigating possible aquatic resources by referencing the NHD, NWI data, and aerial imagery.

2.2.1 Wetlands

During the field surveys, all potential wetland and upland vegetation communities observed are sampled to characterize vegetation, soil, and hydrology. SWCA records all sampling points and wetland boundaries using a global positioning system (GPS) unit with submeter accuracy.

The fieldwork is done in accordance with the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987) and the *Regional Supplement to the Corps of Engineers Wetland*

Delineation Manual: Arid West Region (Version 2.0) (USACE 2008). Based on these documents, wetlands are identified using the following three criteria:

1. Hydrophytic vegetation
2. Wetlands hydrology
3. Hydric soil

All three criteria must be met for an area to be considered a wetland. An explanation of the three wetlands criteria follows.

2.2.1.1 HYDROPHYTIC VEGETATION

Hydrophytic plants are plants that are adapted to wet conditions. The National Wetland Plant List (USACE 2020) is used to determine the wetlands indicator status of plant species observed at the sampling points. The USACE defines five categories of wetland indicator status ratings:

- Obligate wetland (OBL): Almost always occurs in wetlands
- Facultative wetland (FACW): Usually occurs in wetlands but may occur in non-wetlands
- Facultative (FAC): Occurs in wetlands and non-wetlands
- Facultative upland (FACU): Usually occurs in non-wetlands but may occur in wetlands
- Upland (UPL): Almost always occurs in non-wetlands

2.2.1.2 WETLANDS HYDROLOGY

Wetlands hydrology examines the behavior of water in wetlands. Primary hydrologic indicators assessed in the field include soil saturation, surface water, hydrogen sulfide odor, and presence of reduced iron in the soil. Secondary indicators are also assessed and can include drainage patterns, dry-season water table, crayfish burrows, saturation visible on aerial imagery, shallow aquitard, FAC-Neutral test, water marks (Riverine), sediment deposits (Riverine), and drift deposits (Riverine). One primary indicator or two or more secondary indicators are sufficient to conclude wetland hydrology is present.

2.2.1.3 HYDRIC SOILS

The NRCS defines *hydric soils* as those soils formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper portion of the soil column (above 12- to 20-inch soil depth, depending on soil texture [NRCS 2018]). Soils are assessed for hydric conditions in the field using a sharpshooter shovel to excavate a soil pit and to examine the soil profile. Some hydric soil indicators are depleted matrix, redox dark surface, stripped matrix, depleted dark surface, and black histic. A Munsell soil color chart is used to determine soil color.

2.2.2 Other Aquatic Resources

Potential non-wetland aquatic resources, including ephemeral, intermittent, and perennial streams, are delineated based on the location of the OHWM, which typically occurs at the transition between the active floodplain and the low terrace. An *ephemeral* stream has flowing water only during, and for a short duration after, precipitation events in a typical year. An *intermittent* stream has flowing water during certain times of the year, when groundwater provides water for stream flow. A *perennial* stream has flowing water year-round during a typical year (USACE 2022). Indicators of OHWM can be physical or

vegetative and include benches, drift lines, changes in sediment size distribution, and transitions in vegetation type and density.

During the delineation process, SWCA uses the *Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States* (Lichvar and McColley 2008) and *Regulatory Guidance Letter 05-05* (USACE 2005). Although the OHWM field guide (Lichvar and McColley 2008) focuses primarily on ephemeral and intermittent streams, the OHWM indicators also apply to perennial streams and are used to delineate these types of systems in the survey area. OHWM indicators include a change in average sediment texture, vegetation species, or vegetation cover; a break in bank slope; and a change in soil crust. OHWM width and height are also recorded.

3 EXISTING CONDITIONS

The survey area consists of open, undeveloped grass/shrubland; rangeland with evidence of cattle activity; and actively irrigated agricultural fields. Agricultural fields in the center of the survey area may have altered the shape of streams within the area in the past, but streambanks in the area are now stable. During the field surveys, the agricultural fields were being watered, but no evidence of runoff into streambeds was observed. Precipitation was normal for the time of year, and no antecedent precipitation had occurred.

The USACE Antecedent Precipitation Tool was used (querying data from April 27 through 30, 2024, and from May 23 through 24, 2024) to investigate whether excessive precipitation was present prior to the field surveys and may have affected the conditions on-site. According to the tool, the survey area had wetter than normal conditions during all the survey days (see Appendix F).

4 AQUATIC RESOURCES

No wetlands, perennial streams, intermittent streams, or bodies of water were found within the survey area. Any aquatic resources within the survey area would likely be non-jurisdictional.

4.1 Aquatic Resources Table

Table 1. Aquatic Resources Delineated in the Survey Area

Aquatic Resource Name	Type	Location		Length (feet)	Mean OHWM Width (feet)	Area (acres)
		Latitude	Longitude			
OHWM01	Riverine, Ephemeral	43.180052	-115.751231	6,678	15	2.3

4.2 Non-jurisdictional Aquatic Resources

During the field surveys, one dry ephemeral streambed, OHWM01, was identified running southwest through the survey area with no water or hydrology present (see Table 1; Figure 1 and 2). Once identified, the OHWM of OHWM01 was mapped according to appropriate OHWM characteristics, as defined in 33 CFR 328.3(e) and 33 CFR 329.11(a)(1) and in the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)* (Lichvar and McColley 2008).

Information on OHWM01 was collected on an Arid West Ephemeral and Intermittent Streams OHWM Datasheet, including a cross-section drawing and photographs. OHWM01 was mapped by walking its centerline using a sub-meter-accurate GPS unit. The cross section was taken in a representative area of the streambed, and no significant changes or disturbance warranted the use of another cross-section form. OHWM01 (see Figure B-1) was determined to have sufficient change in vegetation cover, sediment texture, and a clearly defined bank, which was used as a guide during delineation. Delineation practices were routine and required no accommodations for unusual conditions. No deviations were made from USACE protocols.



Figure 1. OHWM01 at XS01, view facing northeast and upstream.



Figure 2. OHWM01 at XS01, view facing southwest and downstream.

4.3 Hydrology

Hydrology within the survey area was assessed by using the NHD and NWI data layers to gain reference of possible hydrology and by using aerial imagery to identify areas with a possibility of the presence of aquatic resources. The entire survey area was examined visually to be sure all resources or areas of concern would be covered. NHD features were listed as intermittent streams on the data layer but only one was recorded during the field survey (ephemeral).

Negative data points were collected at areas that had a possibility of containing aquatic resources (due to data from the NHD and NWI layers or the appearance of aerial imagery). Where no aquatic resources existed, photographs were taken in each direction to demonstrate the lack of change in vegetation cover, sediment, and hydrology.

NHD data for the survey area are provided in Table 2 and shown on Figure D-2.

Table 2. National Hydrography Dataset Features in the Survey Area

NHD Classification	Length (feet)
Stream/River, Intermittent	2,860.73
Stream/River, Intermittent	415.66
Connector	3,886.88
Total	7,163.27

Source: Idaho Department of Water Resources and U.S. Geological Survey (2024).

NWI data for the survey area are provided in Table 3 and shown on Figure D-3.

Table 3. National Wetland Inventory Features in the Survey Area

NWI Code	NWI Classification	Acres
PUBFx	Palustrine, Unconsolidated Bottom, Semipermanently Flooded, Excavated	0.11
R4SBCx	Riverine, Intermittent, Streambed, Seasonally Flooded, Excavated	0.11
PUSAx	Palustrine, Unconsolidated Shore, Temporarily Flooded, Excavated	0.24
R4SBC	Riverine, Intermittent, Streambed, Seasonally Flooded	7.34
Total		7.80

Source: U.S. Fish and Wildlife Service (2024).

4.4 Vegetation

Vegetation in the survey area consists of common grasses, shrubs, and forbs that are common for the area. Large colonies of noxious weeds and other invasive species are present. Some trees such as cottonwood (*Populus* spp.), which are found near aquatic areas, are present in small quantities, but no vegetation gave evidence of consistent hydrology associated with wetlands or perennial streams in any part of the survey area.

4.5 Soils

Soils within the survey area were examined using the NRCS SSURGO prior to field surveys. No hydric soils were identified with the survey area.

Soils data for the survey area are provided in Table 4 and shown on Figure D- 4.

Table 4. Natural Resources Conservation Service Soils Data for the Survey Area

Soil Unit Name	Hydric? (yes or no)	Area (acres)
Buko fine sandy loam, 1 to 4 percent slopes	No	228.813
Chilcott-Kunaton-Chardoton complex, 2 to 12 percent slopes	No	106.948
Chilcott-Power complex, 0 to 8 percent slopes	No	0.997
Colthorp-Kunaton-Rubble land complex, 8 to 20 percent slopes	No	2.588
Colthorp-Minveno silt loams, 0 to 8 percent slopes, stony	No	390.550

Source: NRCS (2023).

5 REFERENCES

- Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual*. Technical Report Y-87-1. Vicksburg, Mississippi: U.S. Army Corps of Engineers Waterways Experiment Station.
- Idaho Department of Water Resources. 2023. Stream channel protection program. Available at: <https://idwr.idaho.gov/streams/#:~:text=A%20stream%20channel%20alteration%20is,flow%20f%20any%20stream%20channel>. Accessed May 2024.
- Idaho Department of Water Resources and U.S. Geological Survey. 2024. NHD and WBD Datasets. Available at: <https://idwr.idaho.gov/gis/nhd/datasets/>. Accessed May 2024.
- Lichvar, R.W., and S.M. McColley. 2008. *Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States*. Hanover, New Hampshire: Cold Regions Research and Engineering Laboratory, USACE Research and Development Center.
- Natural Resources Conservation Service (NRCS). 2018. *Field Indicators of Hydric Soils in the United States: A Guide for Identifying and Delineating Hydric Soils, Version 8.2, 2018*. Edited by L.M. Vasilas, G.W. Hurt, and J.F. Berkowitz. U.S. Department of Agriculture, Natural Resources Conservation Service, in cooperation with the National Technical Committee for Hydric Soils.
- . 2023. Soil Survey Geographic Database (SSURGO) Data. Soil Survey Staff, Natural Resources Conservation Service, U.S. Department of Agriculture. Web Soil Survey. Available at: <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>. Accessed May 2024.
- Supreme Court of the United States. 2023. Syllabus. Sackett et ux. V. Environmental Protection Agency et al. Certiorari to the United States Court of Appeals for the Ninth Circuit. No 21-454. Argued October 3, 2022—Decided May 25, 2023.
- U.S. Army Corps of Engineers (USACE). 2005. *Regulatory Guidance Letter 05-05*. Available at: <https://usace.contentdm.oclc.org/utills/getfile/collection/p16021coll9/id/1253>. Accessed May 30, 2024.
- . 2008. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)*. Vicksburg, Mississippi: USACE Research and Development Center.
- . 2020. National Wetland Plant List, version 3.5. Available at: https://cwbi-app.sec.usace.army.mil/nwpl_static/v34/home/home.html. May 30, 2024.
- . 2022. Definitions. Available at: <https://www.nap.usace.army.mil/Missions/Regulatory/Definitions/#Per%20Stream>. Accessed May 30, 2024.
- U.S. Fish and Wildlife Service. 2024. National Wetlands Inventory. Available at: <http://www.fws.gov/wetlands/Data/Mapper.html>. Accessed May 30, 2024.

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TECHNICAL MEMORANDUM

To: Crimson Orchard Solar LLC
999 West Main Street, Suite 800
Boise, Idaho 83702
Attn: Cara Mahler

From: Andrea Rainka, Project Manager

Date: June 12, 2024

Re: **Habitat Assessment Technical Memorandum for the Crimson Orchard Solar Project, Elmore County, Idaho / SWCA Project No. 86256**

INTRODUCTION

Crimson Orchard Solar LLC (client) is planning to develop a solar energy project (Crimson Orchard Solar Project) in Elmore County, Idaho. The project will comprise a utility-scale photovoltaic energy-generating facility, a battery energy storage system, and associated electrical generation interconnection power lines. The project will be located on approximately 959 acres of privately owned land north of Interstate 84 (Figure 1). In order to comply with permitting requirements, the client contracted SWCA Environmental Consultants (SWCA) to complete a target species habitat assessment for the project.

SWCA biologists conducted the field habitat assessment surveys from April 27 through 30, 2024, and from May 23 through 24, 2024. Surveys focused on identifying suitable habitat for one threatened species protected under the Endangered Species Act (ESA) that was identified as potentially occurring in the project area: Slickspot peppergrass (*Lepidium papilliferum*). Habitat for monarch butterfly (*Danaus plexippus*), an ESA candidate species, was also evaluated. Habitat for burrowing owl (*Athene cunicularia*), a species of greatest conservation need, was also evaluated. Additionally, raptor nests and nesting substrates suitable for raptor species, including golden eagle (*Aquila chrysaetos*) and bald eagle (*Haliaeetus leucocephalus*), were assessed because these species are protected under the Bald and Golden Eagle Protection Act (BGEPA) and the Migratory Bird Treaty Act (MBTA). Collectively, the species included in this habitat assessment are referred to as special-status species (Table 1). SWCA also conducted surveys for noxious weed species within the project area in tandem with the burrowing owl, monarch butterfly, and slickspot peppergrass surveys (see Table 1).

This technical memorandum summarizes the methods and results of the desktop habitat assessment and field habitat assessment surveys within the project area and applicable survey buffers. The survey buffers are species dependent and are outlined for each species (as applicable) in the Methods section. Photographs of the survey area and of the habitat assessment results are provided in Appendix A, Figures A-1 through A-28.

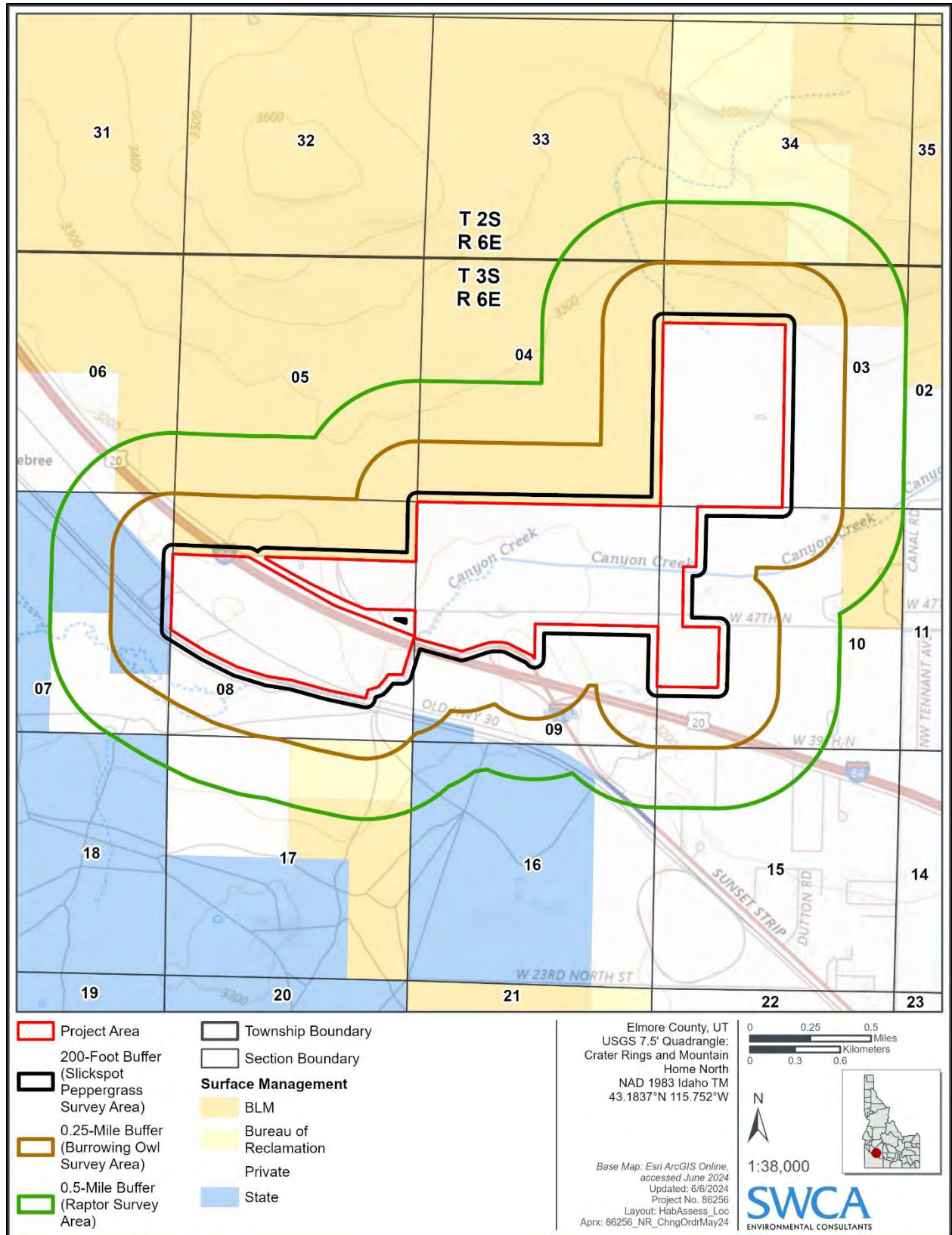


Figure 1. Project area and buffers.

Table 1. Target Species Survey Information

Resource	Status/Regulations	Suitable Habitat Description
Slickspot peppergrass (<i>Lepidium papilliferum</i>)	Threatened	Grows in the sagebrush steppe ecosystem, where it can be found in microsites called “slickspots,” which are patches of soil covered in a cryptogamic crust of cyanobacteria and algae. Occurrences outside of slickspots are rare.
Monarch butterfly (<i>Danaus plexippus</i>)	Candidate	Breeding habitat consists of agricultural fields, pastureland, and other grassland habitat but is highly dependent on the presence of milkweed species (National Park Service 2023).
Burrowing owl (<i>Athene cunicularia</i>)	Species of greatest conservation need	Nests in flat, open habitat with sparse vegetation, short grass, and bare soil such as prairie, grassland, desert, and sagebrush steppe environments, often in prairie dog colonies (Utah Division of Wildlife Resources 2019).
Raptor species	BGEPA and MBTA	Raptor nesting substrate includes rock outcrops, cliffs, burrows, and hilltops. Trees commonly used by nesting raptors include quacking aspen (<i>Populus tremuloides</i>), cottonwoods (<i>Populus</i> spp.), willows (<i>Salix</i> spp.), junipers (<i>Juniperus</i> spp.), ponderosa pine (<i>Pinus ponderosa</i>), and other conifers (Romín and Muck 2002).
Non-raptor migratory birds	MBTA	Migratory bird nesting habitat includes trees, transmission lines, and shrubs. Some species nest on the ground.
Noxious weeds	Idaho Code 22:24-07	Idaho-designated noxious weeds can occur throughout the project area, especially along roads. A list of Idaho noxious weeds was used during field surveys (Idaho State Department of Agriculture 2024; Prather et al. 2016).

PROJECT LOCATION AND SETTING

The project area consists of approximately 959 acres of privately owned land in Sections 3, 8, 9, and 10, Township 3 South, Range 6 East, and is shown on the Elmore County, Idaho, U.S. Geological Survey 7.5-minute quadrangle (see Figure 1). The project area is in Elmore County, Idaho, approximately 40 miles southeast of Boise, Idaho. The elevation in the project area ranges from 3,182 to 3,280 feet above mean sea level. The project area is flat and is predominantly used for agricultural activities. The project area contains sagebrush communities, grassland communities, invasive grasslands, and agricultural fields. The project area is not within or near any designated wilderness areas, areas of critical environmental concern, roadless areas, or other designated conservation areas. To access the center of the project area from Boise, Idaho, head east on Interstate 84 east for 4 miles, then follow Interstate 84 east to Interstate 84 east in Elmore County for 35.7 miles. Take exit 90 and follow Old Oregon Trail Highway northwest to Mashburn Road for 2.1 miles to the center of the project area.

METHODS

Desktop Assessment

Prior to field assessment, SWCA reviewed aerial imagery and topographic maps to identify potential habitat types for the special-status species that could occur in the project area. Additionally, SWCA obtained a resource list from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) database tool (USFWS 2024). The IPaC list identified any federally listed or

candidate species and any federally designated or proposed critical habitat with potential to occur in the project area.

Field Assessment

SWCA biologists conducted habitat assessment surveys and visually inspected the project area for habitat types capable of supporting special-status species from April 27 through 30, 2024, and from May 23 through 24, 2024. Biologists walked meandering transects spaced no more than 50 feet apart to observe habitat types within the project area and associated buffers and assess their suitability for special-status species. Any suitable habitat encountered was mapped, photographed, and described using Esri ArcGIS Field Maps.

Biologists also noted dominant vegetation, general habitat conditions, human disturbance, and noxious weeds within the project area. Noxious weeds can establish in many different habitats, are known to rapidly reproduce, and aggressively displace native species (Idaho State Department of Agriculture 2024). Surveys were conducted with the aid of binoculars. Habitat assessment photograph points were mapped throughout the area, and a representative photograph was taken for each point. Biologists assessed the project area for vegetation communities (habitat types). Habitat assessment surveys for special-status species were conducted within the project area proper. Slickspot peppergrass suitable habitat surveys were conducted within the project area and a 200-foot buffer. Burrowing owl suitable habitat surveys were conducted within the project area and a 0.25-mile buffer. Raptor nests and raptor nesting substrate were evaluated within the project area and a 0.5-mile buffer. Migratory bird nesting substrates and noxious weeds were surveyed within the project area proper.

Slickspot Peppergrass Habitat Assessment

Slickspot peppergrass is found within microsites of the sagebrush shrubland ecosystem known as “slickspots,” which are characterized by a cryptogamic crust between openings in the sagebrush (USFWS 2020). Slickspot peppergrass suitable habitat surveys were conducted in accordance with the Bureau of Land Management *Slickspot Peppergrass Inventory and Clearance Standards* (Bureau of Land Management 2010). The biologists walked meandering transects spaced up to 20 meters apart within potential habitat to identify areas of slickspot within sagebrush habitat. If ground cover inhibited visibility, the biologists reduced the transect widths to ensure 100% visual coverage. At slickspot clusters, the biologists recorded a GPS point at the center of the cluster, estimated the slickspot complex size, and took a representative photograph.

Monarch Butterfly Assessment

SWCA biologists conducted incidental surveys for milkweed species (*Asclepias* spp.) in tandem with the burrowing owl, noxious weeds, and slickspot peppergrass surveys within the project area and mapped any occurrences of milkweed.

Burrowing Owl Habitat Assessment

The habitat assessment for burrowing owls was conducted by biologists walking meandering transects within potential habitat and scanning the area for burrows. Binoculars were used to inspect the areas between transects and adjust for changes in sight distance based on topography and vegetation height and density. Suitable habitat polygons were field delineated per suitable habitat parameters defined in Table 1 using a GPS device. If burrows were observed, the biologists recorded any evidence suggestive of activity (i.e., pellets, whitewash, or feathers) and the dimensions of the burrow entrance and took photographs.

Raptor Habitat Assessment

The habitat assessment for raptor nests was conducted on foot with the aid of binoculars and spotting scopes. The biologists performed the assessment by scanning and documenting all suitable raptor nesting substrate, including rock outcrops, cliffs, hilltops, power poles, and trees, with high-powered binoculars. If nests were observed, the geographic location, activity status, nest substrate, and height were recorded, and photographs were taken. Incidental observations of raptors were also recorded to provide information about the potential for occupancy in and near the project area during nesting season.

Migratory Birds

SWCA biologists conducted ground surveys of potential nesting substrates that could serve as suitable nesting sites for migratory birds. The ground surveys were conducted on foot with the aid of binoculars. The biologists walked meandering transects through the project area, actively searching for nests located on the ground, in shrubs, in trees, in tree cavities, and on rock outcrops and cliffs. Additionally, biologists looked and listened for birds, investigating any birds that were flushed during the surveys, and noted any behavior associated with nesting such as alarm calls, territorial behavior, and birds carrying food. If nests were observed, the geographic location, status, and condition of any nests observed were recorded with a GPS.

Noxious Weeds

SWCA biologists conducted surveys for Idaho's 71 state designated noxious weed species in tandem with the burrowing owl, monarch butterfly, and slickspot peppergrass surveys within the project area.

RESULTS

Habitat Assessment

Habitat types within the project area are composed of managed agricultural fields, invasive grasslands, grasslands, sagebrush communities, and disturbed ruderal areas.

Vegetation in the project area and surrounding areas consists of big sagebrush (*Artemisia tridentata*), burningbush (*Bassia scoparia*), prickly Russian thistle (*Salsola tragus*), rubber rabbitbrush (*Ericameria nauseosa*), redstem stork's bill (*Erodium cicutarium*), curvseed butterwort (*Ceratocephala testiculata*), Scotch cottonthistle (*Onopordum acanthium*), foxtail barley (*Hordeum jubatum*), clasping pepperweed (*Lepidium perfoliatum*), tall tumbled mustard (*Sisymbrium altissimum*), Sandberg bluegrass (*Poa secunda*), common sunflower (*Helianthus annuus*), cheatgrass (*Bromus tectorum*), herb sophia (*Descurainia sophia*), and goosefoot species (*Oxybasis* spp.) The dominant noxious weed species prevalent throughout the survey areas are Scotch thistle (*Onopordum acanthium*) and Canada thistle (*Cirsium arvense*).

Human-caused development and disturbance were observed during surveys in and near the project area. Human disturbance in the project area includes Interstate 84 running through the project area, irrigated fields, a transmission line, and the Danskin Power Plant. Within 0.5 mile of the project area, human-caused development and disturbance include the Mountain Home Highway District, Hiddleston Drilling & Pump Company, Chevron, Sunset RV Resort, and a transportation department storage shed.

Slickspot Peppergrass Habitat Assessment

In all, 0.25 acre of suitable slickspot peppergrass habitat was mapped in the slickspot survey area (Figure 2). No slickspot peppergrass individuals were observed during the surveys.

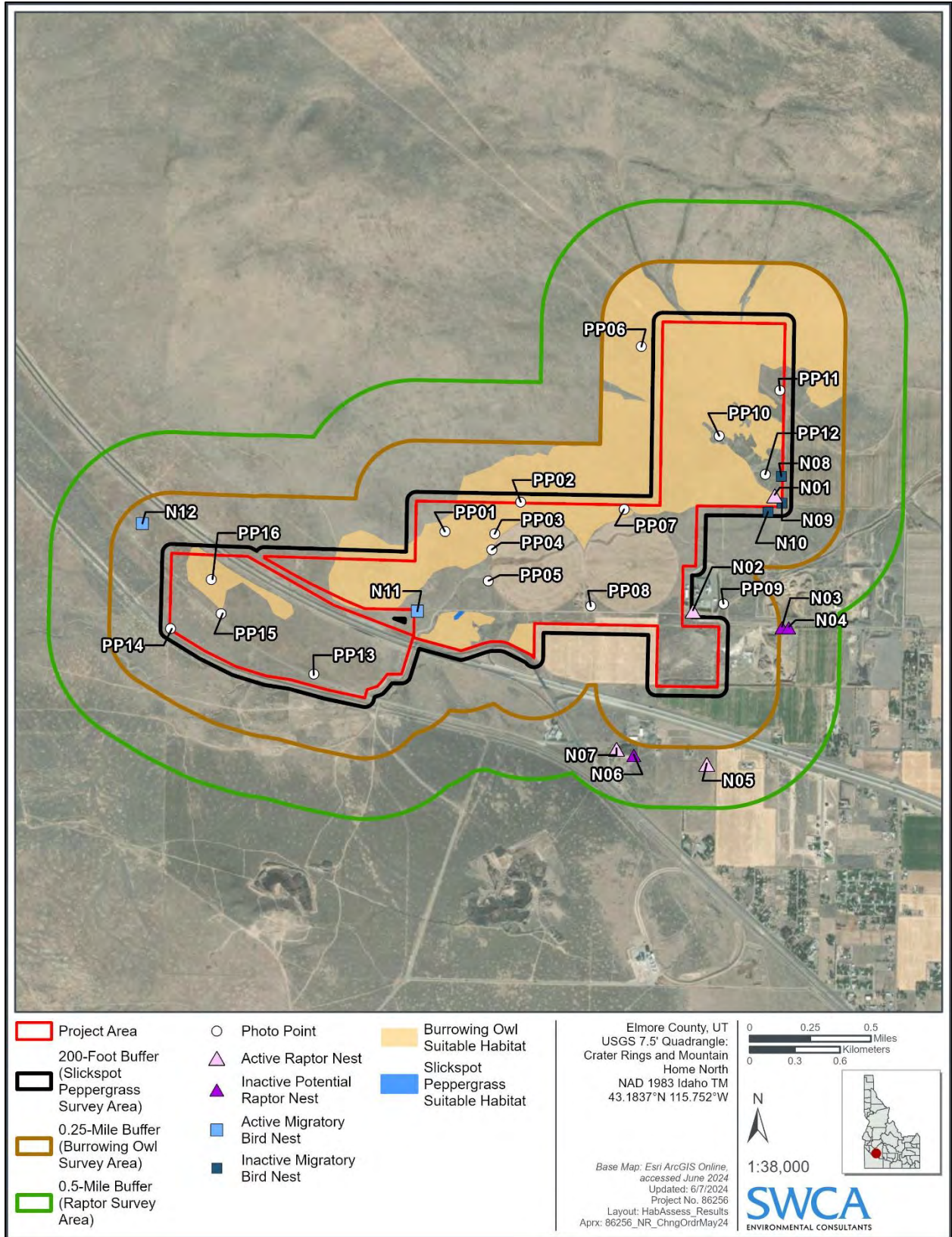


Figure 2. Survey results.

Monarch Butterfly Assessment

No incidental observations of milkweed species were identified within the project area.

Burrowing Owl Habitat Assessment

In all, 770.61 acres of suitable burrowing owl habitat was mapped within the burrowing owl survey area (see Figure 2). There were no signs of current or past occupancy (whitewash, feathers, or pellets) or burrowing owl individuals observed, but many small-mammal burrows were noted within the project area (Figure A-13).

Raptor Habitat Assessment

Suitable nesting habitat for raptors was present within the raptor survey area in the form of human-made power lines and existing trees. Four active and three inactive potential raptor nests were observed during the survey. All active nests are red-tailed hawk nests (Table 2; see Figures A-1, A-2, A-5, and A-7). In addition to the active nests, one red-tailed hawk was recorded as an incidental observation.

Table 2. Raptor Nest Survey Results

Nest ID	Species	Substrate	Status
N1	Red-tailed hawk	Tree	Active
N2	Red-tailed hawk	Pine tree	Active
N3	Unknown	Tree	Inactive
N4	Unknown	Tree	Inactive
N5	Red-tailed hawk	Tree	Active
N6	Unknown	Tree	Inactive
N7	Red-tailed hawk	Tree	Active

Migratory Birds

Most of the project area contains suitable nesting habitat for non-raptor migratory bird species. Two active common raven (*Corvus corax*) nests were observed. One nest was documented along the transmission line running across the project area (N11) (Figure A-11), and the other was documented on a radio tower (N-12) (Figure A-12). Four inactive nests were also observed in the project area (Table 3; see Figure 2). In addition to the nest observations, black-billed magpie (*Pica hudsonia*), common raven, horned lark (*Eremophila alpestris*), and meadowlark (*Sturnella neglecta*) were recorded as incidental observations.

Table 3. Migratory Bird Nest Survey Results

Nest ID	Species	Substrate	Status
N8	Unknown	Tree	Inactive
N9	Unknown	Tree	Inactive
N10	Unknown	Tree	Inactive
N11	Common raven	Human-made tower	Active
N12	Common raven	Human-made tower	Active

Noxious Weeds

The dominant noxious weed species prevalent throughout the project area are Scotch thistle and Canada thistle. Cheatgrass, an invasive weed species, was also noted throughout the project area.

SUMMARY AND RECOMMENDATIONS

SWCA biologists conducted habitat assessment surveys and visually inspected the project area for habitat types capable of supporting special-status species (slickspot peppergrass, monarch butterfly, burrowing owls, raptors, and non-raptor migratory birds) from April 27 through 30, 2024, and from May 23 through 24, 2024.

Four main habitat types were noted in the project area: managed agricultural fields, invasive grasslands, grasslands, and disturbed ruderal areas. The project area is altered by human disturbance. Noxious and invasive weed species are present throughout the project area and are denser along areas that were previously disturbed.

Suitable habitat for monarch butterfly was not observed in the project area. In all, 770.61 acres of suitable burrowing owl habitat was mapped within 0.25 mile of the project area; however, no burrowing owl sign was observed. Approximately 0.25 acre of suitable habitat for slickspot peppergrass was identified within 200 feet of the project area; however, no individuals were observed. Suitable raptor nesting substrates were identified during the survey, and four active raptor nests were located in or within 0.5 mile of the project area. Suitable nesting habitat for migratory birds was identified during the survey, and two active magpie nests were identified within the project area.

The following measures could be used to minimize impacts to nesting burrowing owls and raptors:

- Suitable habitat for burrowing owl is within 0.25 mile of the project area. If ground-disturbing activities occur during the burrowing owl nesting season (March 1–August 31), clearance surveys are recommended approximately 7 days before ground-disturbing activities to verify the presence or absence of nesting burrowing owls for compliance with the MBTA.
- Raptor nesting habitat and active raptor nests are within 0.5 mile of the project area. If ground-disturbing activities occur during the raptor nesting season (January–September), clearance surveys are recommended approximately 7 days before ground-disturbing activities to verify the presence or absence of nesting raptors for compliance with the MBTA and BGEPA.


The following measures could be used to minimize impacts to migratory birds:

- Migratory bird nesting habitat and active migratory bird nests are located within the project area. If ground-disturbing activities occur during the migratory bird nesting season (typically April 1–July 31), clearance surveys are recommended approximately 7 days before ground-disturbing activities to verify the presence or absence of nesting migratory birds for compliance with the MBTA.

LITERATURE CITED

- Bureau of Land Management. 2010. *Slickspot Peppergrass Inventory and Clearance Standards*. On file at SWCA Environmental Consultants, Salt Lake City, Utah.
- Idaho State Department of Agriculture. 2024. Noxious Weeds. Available at: <https://invasivespecies.idaho.gov/plants>. Accessed April 25, 2024.
- National Park Service. 2023. Pollinators - Monarch butterfly. Available at: <https://www.nps.gov/articles/monarch-butterfly.htm>. Accessed April 24, 2024.
- Prather, T., S. Robins, and D. Morishita. 2016. *Idaho's Noxious Weeds, 8th Edition*. Moscow, Idaho: University of Idaho Extension. Available at: http://www.lewiscountyid.us/Portals/3/NoxiousWeeds/idaho_nox_weed_8thedition.pdf. Accessed April 25, 2024.
- Romin, L.A., and J.A. Muck. 2002. *Utah Field Office Guidelines for Raptor Protection From Human and Land Use Disturbances*. Salt Lake City, Utah: U.S. Fish and Wildlife Service, Utah Field Office. Available at: https://www.fws.gov/sites/default/files/documents/Utah_Field_Office_Raptor_Guidance.pdf. Accessed June 7, 2024.
- U.S. Fish and Wildlife Service (USFWS). 2024. IPaC: Information for Planning and Consultation. Available at: <https://ecos.fws.gov/ipac/>. Accessed March 13, 2024. On file at SWCA Environmental Consultants, Salt Lake City, Utah.
- . 2020. *Species Status Assessment of Lepidium papilliferum (Slickspot Peppergrass) Version 1.0*. Boise, Idaho: Idaho Fish and Wildlife Office, U.S. Fish and Wildlife Service. Available at: <https://www.fws.gov/species/slickspot-peppergrass-lepidium-papilliferum>. Accessed May 7, 2024.
- Utah Division of Wildlife Resources. 2019. Field Guide. Burrowing Owl - *Athene cunicularia*. Available at: <https://fieldguide.wildlife.utah.gov/?species=athene%20cunicularia>. Accessed April 24, 2024.

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Cultural Resources Critical Issues Analysis for the Crimson Orchard Solar Project –Elmore County, Idaho

JUNE 2024

PREPARED FOR

Crimson Orchard Solar LLC

PREPARED BY

SWCA Environmental Consultants

**CULTURAL RESOURCES CRITICAL ISSUES ANALYSIS FOR
THE CRIMSON ORCHARD SOLAR PROJECT – ELMORE
COUNTY, IDAHO**

Prepared for

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SWCA Project No. 86256

June 2024

EXECUTIVE SUMMARY

On behalf of Crimson Orchard Solar LLC, SWCA Environmental Consultants conducted a desktop-level critical issues analysis (CIA) of cultural resources and a review of regulatory and permitting considerations for the Crimson Orchard Solar Project (project) located in Elmore County, Idaho.

As currently designed, the project would consist of a solar generation facility on approximately 960 acres of privately owned lands (project area). This CIA provides a broad, yet comprehensive overview of key cultural resources identified during preliminary project planning, including a review of publicly available background information and regulatory constraints and risks. This CIA also provides recommendations such as additional work that may be necessary or prudent to further evaluate or mitigate potential risks for resources before implementing the project.

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1 INTRODUCTION

SWCA Environmental Consultants (SWCA) has prepared this critical issues analysis (CIA) to describe the environmental risks associated with the prospective Crimson Orchard Solar Project (project). Crimson Orchard Solar LLC is considering development of the project at multiple locations. The location analyzed in this CIA consists of approximately 960 acres of privately owned lands (project area). This document is intended to serve as an evaluation of cultural resources that may be present in and near the project area to inform site planning and development decision making.

On behalf of Crimson Orchard Solar LLC, SWCA conducted a desktop-level CIA of cultural resources. The purpose of this CIA is to determine potential development constraints and risks from environmental critical issues. SWCA has performed this desktop-level CIA from reasonably available information for the project area, including published literature, reports, maps, aerial photography, databases, public records, and available geographic information system (GIS) datasets.

1.1 Project Location

The approximately 960-acre project area is located in Elmore County, Idaho, approximately 1.7 miles northwest of Mountain Home, Idaho (Figure 1). The project area is located within or overlaps portions of Sections 3, 8, 9, and 10, Township 3 South, Range 6 East.

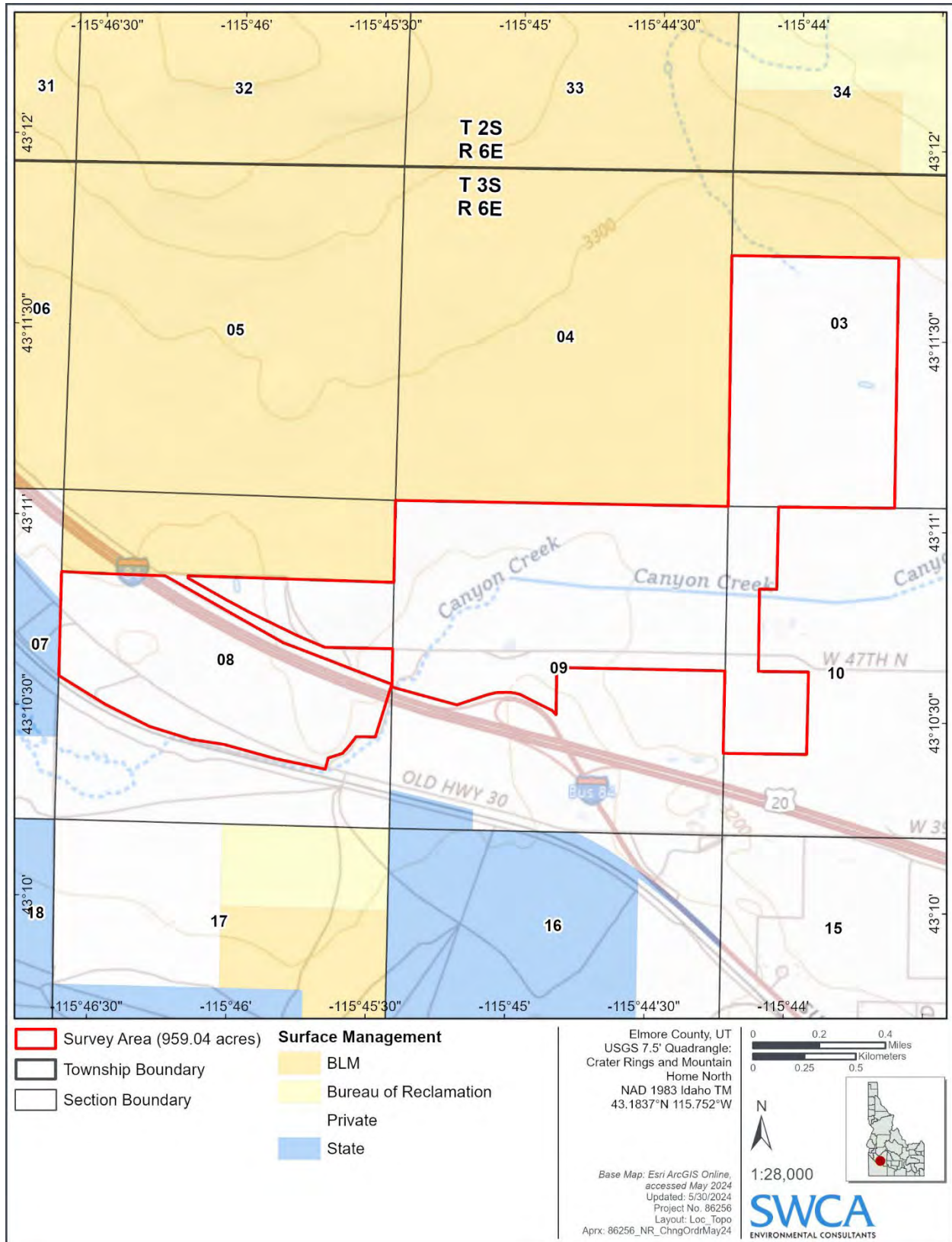


Figure 1. Project area location.

2 METHODS

SWCA used data from the Idaho State Historic Preservation Office (SHPO) Idaho Cultural Resource Information System (ICRIS) database. This CIA does not address access roads, energy transmission lines, or other ancillary facilities that may occur outside the project area at this initial planning stage. SWCA conducted a desktop-level review to identify and evaluate risks or potential constraints associated with cultural resources and Tribal concerns.

2.1 Cultural Resources Methods

SWCA performed a cultural resources literature review for the project area to determine whether the project area has been previously surveyed for cultural resources and if any cultural resources have been recorded within the project area and a 1-mile buffer (file search area). SWCA completed a records search through the ICRIS database available from the Idaho SHPO, and an SWCA archaeologist reviewed the records search results. ICRIS provided information on the nature and location of previously conducted cultural resources surveys, previously recorded archaeological sites, and locations of National Register of Historic Places (NRHP)–listed districts and properties.

SWCA also completed a historical map review of any historic-age resources located within the file search area. To conduct the historical map review, an SWCA archaeologist examined historical topographic maps available on the U.S. Geological Survey TopoView website, historical General Land Office plats on the General Land Office Records website, and locations of NRHP-listed districts and properties on the NRHP website.

3 RESULTS

3.1 Cultural Resources

In February and June 2024, SWCA performed a cultural resources desktop-level literature review. The following section describes the results of the review. SWCA retrieved data from the ICRIS database on February 9, 2024 and June 19, 2024.

3.1.1 Results

Based on this review, there are no NRHP-listed resources or districts located in the project area (National Park Service 2024). The closest mapped NRHP-listed resources are approximately 3.4 miles southeast of the project area in Mountain Home, Idaho, and consist of the St. James Episcopal Church, Mountain Home High School, Mountain Home Carnegie Library, Mountain Home Hotel, Turner Hotel, and two independent properties in central Mountain Home.

Based on this review, there are three NRHP-eligible resources located in the project area, including Old U.S. Highway 30, U.S. Highway 20 and a historic artifact scatter with an associated depression and rock alignment (Idaho SHPO 2024). File search and literature review results indicate that a total of six previous intensive-level cultural resources surveys were conducted in the file search area between 1980 and 2022; four of these surveys intersect the project area. The findings from these surveys resulted in 21 documented archaeological sites within 1 mile of the project area consisting of historic transportation, agriculture, and industry sites; of these, seven sites are within the project area, three of which are eligible for the NRHP. The other sites within the project area are a transmission line, artifact scatters, roads, and a canal. Of the 19 sites in the file search area (but not the project area), five are eligible for the NRHP, one

is of undetermined eligibility, and the remaining 13 are not eligible for the NRHP. Only linear portions in the southwest and northeastern portions of the project area have been previously surveyed. The majority of the project area has not been surveyed.

The 1:250,000 historical topographic maps of the area show three unimproved roads, two transmission lines, one underground pipeline, two primary highways, the Oregon Short Line Railroads, and a secondary highway in the project area (U.S. Geological Survey 1955a [1968], 1955b [1973], 1959, 1962), all historic in age. Based on the Crater Rings and Mountain Home North, Idaho, 1:24,000 maps (1956a [1957], 1956b [1957], 1956c [1979], 1956d [1979]), four unimproved roads, three transmission lines, and an underground pipeline are within the project area. General Land Office plats of Sections 3, 8, 9, and 10, Township 3 South, Range 6 East show no historic features or significant patents in the project area.

Archaeological sites present the file search and surrounding areas consist of various types, such as transmission lines, irrigation ditches and canals, roads, historic artifact scatters, and a railroad. Accordingly, the potential for as-yet undiscovered cultural resources in the project area is moderate. There are three historic properties resources recorded in the project area; however, complete cultural resources surveys have not been conducted throughout the entire project area.

3.1.2 Recommendations

Idaho has statutes and regulations that address archaeological resources and their protection. These may include requirements for archaeological survey and inventory of cultural resources. Idaho's cultural resource management laws may vary, depending on the type of project, land ownership, and other factors. This review does not serve as cultural resources clearance for the project. It is necessary to avoid impacts to NRHP-eligible resources and comply with all applicable laws, regulations, and mitigation measures. This may involve avoidance of known historic properties, and/or working with preservation authorities to document, record, or mitigate any impacts through appropriate methods.

4 REGULATORY COMPLIANCE

Table 1 provides a summary of and preliminary determination for federal, state, and local government regulatory compliance that may be required based on current information about the project. As with the constraints analysis and key milestone schedules, the regulatory compliance information in the table is based on the information assessed within the scope of this CIA and may change if more in-depth resource surveys are conducted. The fees, costs, and timelines given for each permit or survey are estimates based on similar work previously completed for solar energy projects in the region. These estimates may change based on final project design.

Table 1. Summary of Federal, State, and Local Government Regulatory Compliance that May Be Required Based on Current Project Information

Legal Authority	Permit/Action	Description	Fees or Survey Costs	Timeline	Recommendations/Notes*
Federal*					
U.S. Army Corps of Engineers (USACE)	National Historic Preservation Act (NHPA) Section 106	Section 106 of the NHPA requires that every federal agency consider an undertaking's effects on historic properties, defined as any property listed in or eligible for listing in the NRHP. If the project area is determined to be regulated under a USACE Section 404 permit, it is subject to review under Section 106 of the NHPA. The Section 106 process requires consultation with Tribes if the undertaking takes place on Tribal lands or if any Indigenous Tribe attaches religious or cultural significance to the historic property, regardless of the property's location.	Variable, depending on the size and location of potentially jurisdictional areas.	1–3 months for Tribal consultation. 1–2 months for cultural resources survey. Additional 1–3 months for reporting, depending on the number of resources encountered.	Required if the project has a federal nexus (e.g., if the USACE issues a permit for impacts to aquatic resources or if waters of the United States are impacted by the project). May also be required if the project impacts state-owned land.

* Federal and state regulations referenced in this table are open to interpretation. SWCA's recommendations provided in this table are based on previous permitting experience associated with renewable energy generation projects in this region of the state. SWCA recommends a thorough review of regulations throughout the project lifecycle to determine how agencies, individual agency offices, and individuals within each agency office are likely to interpret and implement regulations and whether Clēnera's legal counsel concurs with current agency interpretations.

5 LITERATURE CITED

Idaho State Historic Preservation Office (SHPO). 2024. ICRIS Database. Available at: <https://icris-history.idaho.gov/search/resources>. Accessed February 9, 2024 and June 19, 2024.

National Park Service. 2024. National Register of Historic Places Database. Available at: <https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466>. Accessed February 9, 2024 and June 19, 2024.

U.S. Geological Survey. 1955a. Topographic Map, 1:250,000 Series for Hailey, Idaho, photorevised in 1968. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.

———. 1955b. Topographic Map, 1:250,000 Series for Hailey, Idaho, photorevised in 1973. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.

———. 1956a. Topographic Map, 1:24,000 Series for Mountain Home North, Idaho, photorevised in 1957. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.


———. 1956b. Topographic Map, 1:24,000 Series for Crater Rings, Idaho, photorevised in 1957. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.

———. 1956c. Topographic Map, 1:24,000 Series for Mountain Home North, Idaho, photorevised in 1979. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.

———. 1956d. Topographic Map, 1:24,000 Series for Crater Rings, Idaho, photorevised in 1979. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.

———. 1959. Topographic Map, 1:250,000 Series for Hailey, Idaho. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.

———. 1962. Topographic Map, 1:250,000 Series for Hailey, Idaho. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#14/43.1770/-115.7416>. Accessed February 9, 2024 and June 19, 2024.



Phase I Environmental Site
Assessment for the
Crimson Orchard Solar Project,
Elmore County, Idaho

MARCH 2024

PREPARED FOR

Crimson Orchard Solar, LLC

PREPARED BY

SWCA Environmental Consultants



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR THE CRIMSON ORCHARD SOLAR PROJECT,
ELMORE COUNTY, IDAHO**

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March 2024



EXECUTIVE SUMMARY

This executive summary presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the Crimson Orchard Solar Project, a proposed solar energy generation facility on approximately 730 acres of land in southwestern Elmore County, Idaho (the “subject property”), in portions of Sections 3 and 8–10, Township 3 South, Range 6 East. The subject property primarily consists of vacant land and agricultural land with unimproved access roads throughout the property. Pipeline corridors and electrical transmission lines pass through the northeast of the subject property and a former gravel pit is in the southeastern portion. A gas-fired power plant owned by Idaho Power adjoins the east of the subject property, with an associated generation tie (gen-tie) running north through the subject property.

The purpose of this Phase I ESA is to satisfy part of the lender’s due diligence requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act liability.

The following list presents selected primary findings of this Phase I ESA:

- SWCA’s review of historical topographic maps and aerial photographs dating from 1892 found that the southeast adjoining parcel to the subject property operates as a gravel pit. SWCA was unable to find permits or violations in association with this parcel. Past uses of the subject property and adjoining properties are not considered to be a recognized environmental condition (REC).
- A representative of Clenera, LLC, on February 23, 2024, and Ron Parks, a representative of the JR Simplot Company, landowner, on February 12, 2024, did not identify anything that SWCA considers to be a REC.
- SWCA’s review of an Environmental Data Resources, LLC (EDR) report, dated February 16, 2024, and supplemental records from state and federal regulatory databases identified the following:
 - The subject property was not identified in any relevant databases searched.
 - One natural gas pipeline operated by Northwest Pipeline LLC and one petroleum pipeline operated by Marathon Pipeline LLC is mapped crossing the gen-tie corridor in a northwest-southeast alignment in the northeast portion of the subject property. No pipeline incidents (gas) or accidents (liquid) are reported on or adjoining the subject property. SWCA does not consider this to represent a REC.
- SWCA’s reconnaissance of the subject property on February 22, 2024, confirmed that it is occupied by agricultural land. A substation is located east adjacent of the subject property along with a gen-tie corridor with electrical transmission lines traveling north.
 - A well is located on the southern portion of the subject property with associated subsurface piping directing water to the water AST on the western portion of the subject property and north to a water AST off-site; and an abandoned cistern is located in the southern portion of the subject property. No staining or spills were noted in association with these findings. Therefore, SWCA does not consider these finding to represent a REC.
 - Adjoining properties were observed to be underdeveloped agricultural land except for the substation and gravel pit to the east and Interstate-84 to the south.
 - No other significant quantities of hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of significant spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the site reconnaissance.

The information presented in this report is intended for the exclusive use of Crimson Orchard, LLC; Idaho Power; and their affiliates, underwriters, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. This Phase I ESA report is viable for 180 days following the earliest date of any of the following components of all appropriate inquiries: interviews, the environmental records review, the site reconnaissance, and the declaration of the Environmental Professional. **This Phase I ESA report is viable for 180 days following February 16, 2024** (date of the environmental database search report).

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM International Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed no RECs, controlled RECs, or significant data gaps in connection with the subject property.**

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1 INTRODUCTION

This executive summary presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the Crimson Orchard Solar Project, a proposed solar energy generation facility on approximately 730 acres of land in southwestern Elmore County, Idaho (the “subject property”), in portions of Sections 3 and 8–10, Township 3 South, Range 6 East. The subject property primarily consists of vacant land and agricultural land with unimproved access roads throughout the property. Pipeline corridors and electrical transmission lines pass through the northeast of the subject property and a former gravel pit is in the southeastern portion. An electrical substation adjoins the east of the subject property, with an associated generation tie (gen-tie) running north through the subject property.

1.1 Purpose

The purpose of this Phase I ESA is to satisfy part of the lender’s due diligence requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability.

The Phase I ESA generally follows the standards described in ASTM International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2021). The goal of the processes established by this practice is to assess the property, to the extent feasible pursuant to the processes prescribed in ASTM Standard E1527-21, for the presence of recognized environmental conditions (RECs). A REC is defined in the ASTM standard as “(1) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* to the *environment*; (2) the likely presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* or likely *release* to the *environment*; or (3) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* under conditions that pose a *material threat* of a future *release* to the *environment*.” De minimis conditions, which generally do not present a threat to human health or the environment and generally would not be the subject of enforcement actions if brought to the attention of appropriate regulating agencies, are not RECs.

This Phase I ESA did not include observation, assessment, or reporting of issues identified in the ASTM standard as non-scope considerations, such as asbestos-containing materials, lead-based paint, naturally occurring radon, non-hazardous wastes and materials, mold or microbial growth conditions, biological agents, and medical wastes. No soil, air, or water samples were collected for this Phase I ESA.

1.2 Scope of Work

SWCA completed this Phase I ESA in accordance with the scope of work included in Appendix A. Deletions or deviations from ASTM Standard E1527-21 are documented in Section 1.3 of this report. To achieve the objective referenced above, SWCA completed the following tasks:

- Requested ASTM-specified information from the user of this report
- Surveyed relevant documents to assess the subject property’s physical setting
- Reviewed historical topographic maps and historical aerial photographs
- Attempted to conduct all appropriate interviews
- Reviewed appropriate federal and state environmental records

- Completed a reconnaissance of the subject property and observed adjoining properties
- Prepared this Phase I ESA report and referenced all information sources herein

SWCA warrants that qualified Environmental Professional was responsible for the preparation of this report in conformance with ethical business practices and industry standards. Appendix B contains the credentials of the Environmental Professional responsible for the preparation of this report.

1.3 Limitations

Some standard sources are not readily available and thus were not used to prepare this Phase I ESA. Data gaps, limitations, and deviations from the ASTM standard include the following:

- SWCA was not provided with title reports or judicial records of environmental liens and activity and use limitations (AULs).
- Because of the lack of available aerial photographs and U.S. Geological Survey (USGS) topographic maps, the commonly used 5-year interval between photographs and topographic map dates could not be followed for all photographs and maps reviewed. Although some uses can be determined, the resolution of historical aerial photographs limits SWCA's ability to identify on-site details.
- Based on our professional experience with similar historically undeveloped properties, Sanborn Map Company (Sanborn) fire insurance maps were assumed to not be available for the subject property, and a city directory search would not have yielded useful information.
- As is customary with large-scale rural projects, the site reconnaissance focused on pre-identified areas of the subject property and adjoining properties with indications of activity that could have resulted in the presence of a REC, especially areas where hazardous substances or petroleum products may be used, handled, managed, or stored or may have been used, handled, managed, or stored in the past. SWCA did not walk transects of the vacant undeveloped portions of the subject property. Therefore, not all land surfaces were directly observed.

Although SWCA's scope of work precludes SWCA from providing a warranty or guarantee regarding the presence or absence of hazardous materials that could potentially affect the subject property, SWCA has provided its best professional judgement on the presence or absence of such materials. This Phase I ESA was not performed to provide a comprehensive evaluation of business environmental risk.

Because alternatives to standard sources served as a solid basis of learning past property uses and conditions, and because supplemental data sources provided sufficient information, these gaps in the data are not considered to be significant and are not thought to have affected SWCA's ability to identify RECs on the subject property. SWCA's findings and conclusions within this assessment do not take into consideration the limitations identified in this report.

1.4 User Reliance

The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other location. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the site reconnaissance and data source searches. Findings and conclusions are based solely on the above-referenced methods.

The information presented in this report is intended for the exclusive use of Crimson Orchard Solar, LLC; Idaho Power; and their affiliates, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. If the Phase I ESA will be relied upon by a different party than the user for whom the Phase I ESA was originally prepared, that party must also satisfy the user’s responsibilities in Section 6 of ASTM Standard E1527-21.

This Phase I ESA report is valid for 180 days following the earliest date of any of the following components of AAI: interviews, the environmental records review, the site reconnaissance, and the declaration of the Environmental Professional. **This Phase I ESA report is viable for 180 days following February 16, 2024** (date of the environmental database search report). Continued viability of this report is subject to ASTM Standard E1527-21, Sections 4.6 through 4.8. The validity of the report can be renewed by updating the components of AAI listed above.

2 PROPERTY DESCRIPTION

The subject property consists of approximately 730 acres of land in southwestern Elmore County, Idaho. A gen-tie corridor with electrical transmission lines extends north from the adjoining power plant through the northern parcel of the subject property. A dry wash transects the site in a northeast-to-southwest alignment, dividing two pivot-irrigated circles in the central portion of the subject property. Northwest Mashburn Road runs east-west through the southern portion of the subject property. Use of the subject property consists of agricultural land. The subject property is depicted in Figures 1 and 2.

Land adjoining the subject property is undeveloped native land apart from the power plant and a gravel pit adjoining the subject property to the east and Interstate-84 to the south of the subject property.

Information from the Elmore County Assessor’s Office indicates that the subject property consists of all or portions of six parcels. Table 1 presents parcel information, and parcel details from the county are provided in Appendix C.

Table 1. Subject Property Parcel Information

Parcel Number	Owner	Size (acres)
RP03S06E090080	J R SIMPLOT COMPANY	351
RP03S06E103040	J R SIMPLOT COMPANY	39.97
RP03S06E034810	J R SIMPLOT COMPANY	160
RP03S06E033600	J R SIMPLOT COMPANY	80
RP03S06E081890*	J R SIMPLOT COMPANY	57 of 378.4
RP03S06E105400	J R SIMPLOT COMPANY	40

Source: Elmore County (2024)

* Portion of this parcel

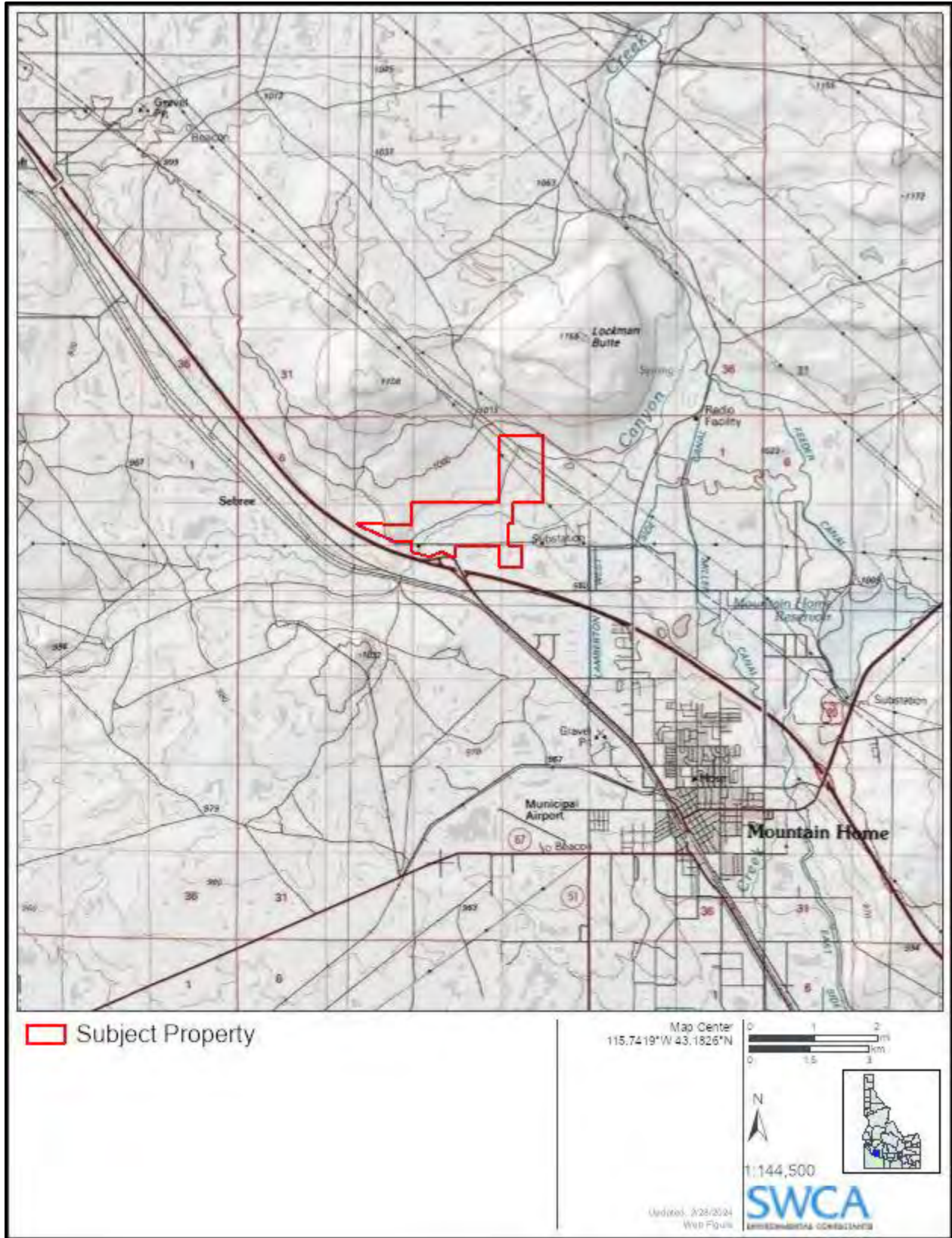


Figure 1. Topographic map of the subject property.

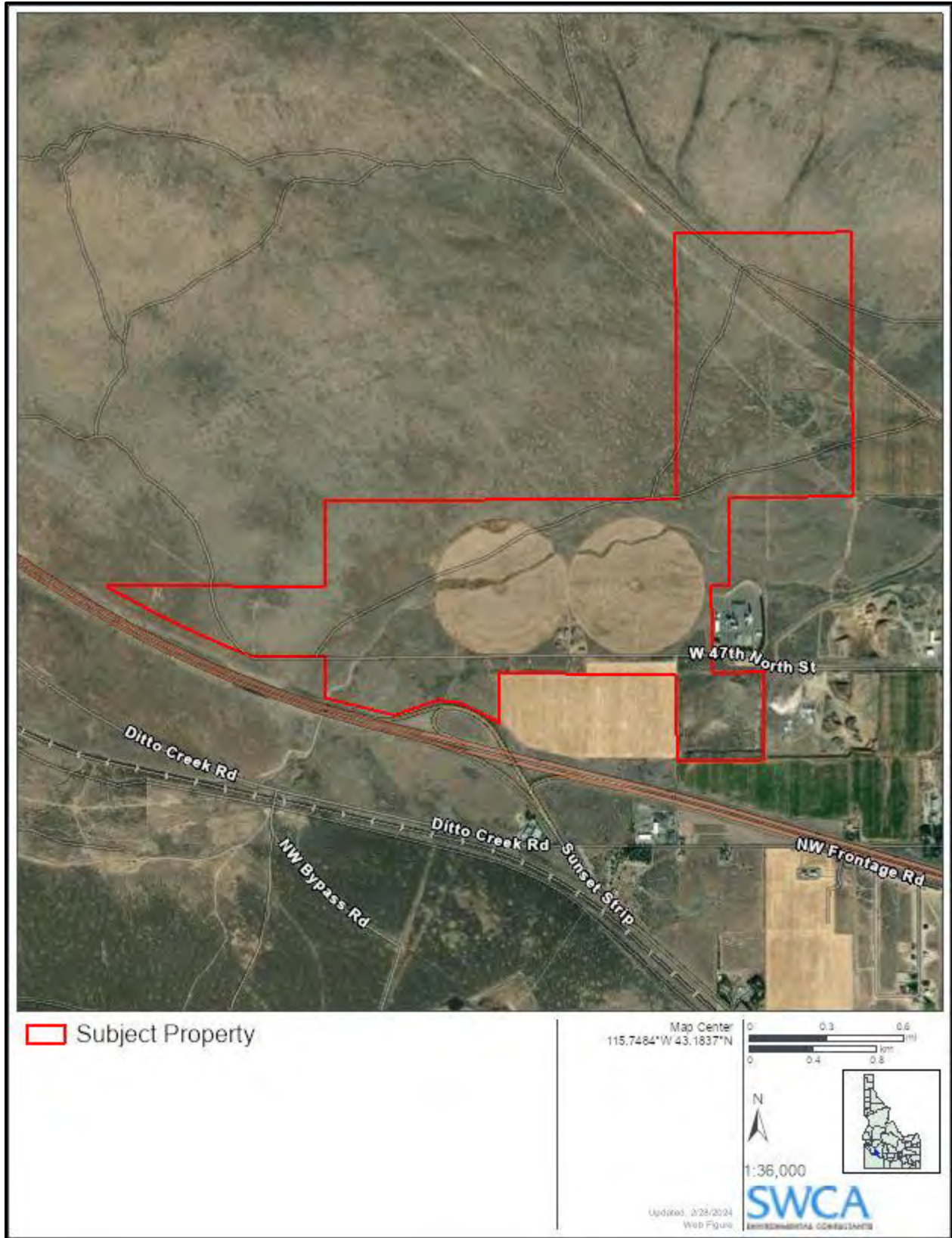


Figure 2. Aerial photograph of the subject property.

3 PHYSICAL SETTING ANALYSIS

SWCA reviewed pertinent key physical characteristics of the subject property, as obtained from available natural history information sources.

3.1 Topography

The subject property is located northwest of Mountain Home, Idaho, city limits. USGS topographic maps of the region (USGS 2024a) indicate that the subject property and surrounding area exhibit little topographic relief with a gentle slope to the southeast. The subject property is located at the base of Lockman Butte and an additional unnamed butte, both of which are situated to the north of the subject property and along the northwest edge of a broad valley. Elevations on the subject property range from approximately 3,300 feet above mean sea level to 3,200 feet above mean sea level.

3.2 Geology and Hydrogeology

Mineral resources spatial data from the USGS indicate that the southeastern portion of the subject property, on the valley floor, is mapped as Alluvial deposits. This mapping unit is deposits in valleys consisting of gravel, sand, and silt. It includes younger terrace deposits and may contain some glacial deposits and colluvium in uplands. The northwestern portion of the subject property, which is hillside, is mapped as Basalt. This mapping unit is described as flows and cinder cones of olivine tholeiite basalt in and near the Snake River Plain (Pleistocene and Pliocene) (USGS 2024b).

The subject property is within the Snake River watershed (Elmore County Parcel Map 2024). The subject property and vicinity drain to the southeast. Locally, groundwater is presumed to follow surface drainage patterns in this direction.

Elmore County Parcel Map (2024) identified two water wells (Well IDs: 350,881 and 307,131) in the central portion of the subject property (Parcel No. RP03S06E090080). During the site visit, well 350,881 was observed to the southwest of the pivot-irrigated circles. SWCA was informed that this is a production well used for livestock. It is routed to the AST in the western portion of the subject property via subsurface piping. SWCA was unable to identify well 307,131 at the time of the site visit. The site contact informed SWCA that this well may have been filled and abandoned. Several water wells are mapped in adjoining parcels and within 2,000 feet of the subject property southern boundary. Reported water level depth for wells in the vicinity of the subject property is 190 to 270 feet below ground surface.

3.3 Soils

A review of soils data from the Natural Resources Conservation Service (NRCS) Web Soil Survey indicates that the soil types present at the subject property include primarily the Colthorp-Minveno silt loams, Buko fine sandy loam, and the Chilcott-Kunaton-Chardoton complex.

Location-specific soil data are readily available from the NRCS (2024a, 2024b) and via an interactive KMZ file from the California Soil Resource Lab (2024). These soil types are described in Table 2.

Table 2. Predominant Soil Types on the Subject Property

Soil Name	Description
Buko	Moderately deep, well drained soils that formed in material weathered from calcareous mixed alluvium.
Chardoton	Very deep, well drained soils with very slow permeability that formed in a thin mantle of loess over silty alluvium from loess and weathered volcanic ash over loamy alluvium from basalt and volcanic ash.
Chilcott	Moderately deep to duripan, well drained soils with slow permeability that formed in a thin mantle of loess and silty alluvium from loess and weathered volcanic ash over loamy or sandy and gravelly alluvium from igneous materials.
Colthorp	Shallow to a duripan, well drained soils on basalt plains and terraces. Permeability is moderately slow.
Kunaton	The Kunaton series consists of shallow, well drained soils on basalt plains. They formed in loess or silty alluvium. Permeability is slow.
Minveno	Shallow to a duripan, well drained soils on plains, buttes, benches, terraces, and hills. Permeability is moderate.

Source: NRCS (2024b)

4 HISTORICAL PROPERTY USES AND RECORDS REVIEW

The history of the subject property and adjoining properties was reviewed in accordance with the ASTM standard, except as noted in Section 1.3. Historical uses of the subject property were determined based on a review of readily available, reasonably ascertainable data, including topographic maps, aerial photographs, and interviews.

4.1 Historical Topographic Map Review

SWCA reviewed USGS topographic maps of the area dated 1892 through 2020, provided by the USGS (2024a) and Nationwide Environmental Title Research, LLC (2024). The subject property and vicinity are mostly depicted as undeveloped land in 1892. The Oregon Short Line Railroad is depicted south of the subject property. The next earliest available topographic map is dated 1955. By this time, a pipeline was depicted through the northeast corner of the subject property and electrical transmission lines ran through the northeast corner and across the southern portion of the subject property in an east-west alignment. The topographical map from 1965 indicated that gravel pits are depicted in the southeast corner of the subject property, and by 1992 they have increased significantly in size. The 1979 topographic map depicts the second transmission line in the northeast corner of the subject property.

Additionally, Interstate-84 is visible south of the subject property. A substation east of the subject property is first depicted in the 1990 topographic map. All of the present-day roads appear to be depicted on the 1990 topographic map.

The east-adjointing power plant is not depicted in any of the reviewed topographic maps. No additional significant changes to the subject property or adjoining properties were noted in SWCA's review of topographic maps.

4.2 Historical Aerial Photograph Review

SWCA reviewed available aerial photographs of the subject property dating from 1957 through 2023 (Google Earth 2024; Nationwide Environmental Title Research LLC 2024). In the 1957 aerial photograph, the subject property and vicinity were primarily undeveloped land except for the utility corridors running in a northwest-southeast alignment in the northern parcel of the subject property and a test gravel pit in the southeast corner of the subject property. According to the subject property

representative, the gravel pit was abandoned soon after excavation as the quality of gravel did not meet required specifications. The next available aerial photograph is from 1984. By this time, both improved and unimproved roads are visible within the area including Interstate-84 to the south of the subject property. Agricultural land is noted in the central portion of the subject property in a rectangular formation. The area east of the abandoned gravel pit appears to have undergone excavation and is being used as a gravel pit by this time. Additionally, the dry wash is apparent by this time bisecting the subject property from in a northeast to the southwest orientation. By 1998, the agricultural land had been developed into two pivot-irrigated circles in the same orientation as present-day. The power plant adjoining the east of the subject property is first visible in the 2004 aerial photograph. Additional research found the adjoining Danskin power plant, owned by Idaho Power is a 261-megawatt gas-fired power plant constructed in 2001.

No additional significant changes to the subject property or adjoining properties were noted in SWCA's review of aerial photographs.

4.3 Previous Phase I Environmental Site Assessment Reports

SWCA was not provided with previous Phase I ESA reports or other relevant environmental reports for review.

4.4 Interviews

A representative of Clenera completed a Phase I ESA User Questionnaire regarding the subject property on February 23, 2024. K. West noted that the purchase price being paid for the subject property reasonably reflects its fair market value. K. West does not know of any past uses of the subject property other than for agricultural use. K. West does not know of any significant spills or chemical releases, or environmental cleanups that have occurred on the subject property, nor of any obvious indicators that point to the presence or likely presence of releases at the property.

Ron Parks, a representative of JR Simplot Company (landowner), completed a Phase I ESA Landowner Questionnaire regarding the subject property on February 12, 2024. R. Parks noted that the subject property and adjoining properties have not previously been used for industrial use. The property has never stored hazardous materials or petroleum products and has not been impacted by any spills or releases.

SWCA interviewed Michael Viehweg, Senior Land Manager, during the site reconnaissance on February 23, 2024. M. Viehweg has been associated with the subject property for approximately a year. M. Viehweg stated that construction of the solar facility is set to begin on April 1, 2026. M. Viehweg stated that one approximately 7,500-gallon water aboveground storage tank (AST), a petroleum pipeline, a natural gas pipeline, and two service points for the natural gas pipeline are located throughout the subject property in addition to a power plant east adjoining of the subject property. M. Viehweg was not aware of any spills or releases that have occurred.

Documentation of the above correspondence is provided in Appendix D.

4.5 Environmental Liens and Activity and Use Limitations

Completion of searches for recorded environmental liens and AULs is a responsibility of the user of a Phase I ESA. It is the user’s responsibility to obtain and review title records back to 1980 (the year the CERCLA was enacted). SWCA was not provided with the results of environmental lien and AUL searches for the subject property. However, Ron Parks of JR Simplot Company, indicated on February 12, 2024, that he is not aware of any environmental cleanup liens or AULs for the subject property.

5 ENVIRONMENTAL RECORDS REVIEW

SWCA conducted an environmental records review to establish the environmental history of the subject property and surrounding area to ascertain whether hazardous waste or hazardous material management, handling, treatment, or disposal activities have occurred on or near the subject property.

5.1 Federal and State Environmental Records

An environmental database search report generated by Environmental Data Resources, LLC (EDR), on February 16, 2024, was used to access environmental records for the subject property and surrounding properties. The databases searched by EDR include those specified by ASTM Standard E1527-21, as well as several additional federal and state databases and databases proprietary to EDR. EDR updates its records in accordance with ASTM Standard E1527-21 guidelines, and ASTM’s standard search distances were followed, as detailed in Table 3.

Table 3. Approximate Minimum Search Distances

Record Sources	Approximate Minimum Search Distance (miles)
Federal Databases	
National Priorities List (NPL)	1.0
Delisted NPL	0.5
CERCLA / CERCLA No Further Remedial Action Planned (NFRAP) sites	0.5
Resource Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) facilities	1.0
RCRA non-CORRACTS Treatment Storage and Disposal facilities	0.5
RCRA generators list	subject property and adjoining
Institutional control / Engineering control registries	subject property only
Emergency Response Notification System (ERNS)	subject property only
State and Tribal Databases	
NPL / “Superfund” state equivalent	1.0
Hazardous waste facilities	0.5
Landfill and solid waste disposal site lists	0.5
Leaking storage tank lists	0.5
Registered storage tank lists	subject property and adjoining
Institutional control / Engineering control registries	subject property only
Voluntary cleanup sites	0.5

Record Sources	Approximate Minimum Search Distance (miles)
Brownfield sites	0.5

Source: ASTM (2021)

SWCA supplemented the EDR database report with a review of records from the National Pipeline Mapping System (U.S. Department of Transportation 2024), Idaho Department of Environmental Quality (2024) and the U.S. Environmental Protection Agency (2024a–2024d). Facilities listed in the environmental databases are described below, and Section 7 addresses their potential to be RECs. Appendix E includes a copy of the EDR report.

5.2 Environmental Database Listings

SWCA’s review of the EDR database search report and supplemental records from state and federal regulatory databases found the following relevant listings:

- SWCA’s review of an EDR environmental database search report, dated February 16, 2024, and supplemental records from state and federal regulatory databases identified the following:
 - The subject property was not identified in any relevant databases searched.
 - EDR indicated that there are two USTs located within the power plant adjoining subject property. These are a 12,000-gallon diesel fuel tank and a 5,000-gallon gasoline tank, both installed in 1985. No releases are noted associated with these tanks.
 - 1240 Northwest Beaman Street (Hiddleston Drilling & Pump) is located 0.45 mile southeast of the subject property. This site is listed as a Resource Conservation and Recovery Act (RCRA) Hazardous Waste Site. No further information is readily available. SWCA did not further investigate this listing because of its distance from the subject property and its location downgradient of the subject property.
 - 2596 Northwest Frontage Road (Idaho Transportation Department Mountain Home Maintenance Yard) is located 1280 feet south of the subject property. This site is listed in the leaking underground storage tank (LUST) database. The listing indicates that this incident was entered into the General Remediation program. No further information is readily available. SWCA did not further investigate this listing because of its distance from the subject property and its location downgradient of the subject property.
 - One natural gas pipeline operated by Northwest Pipeline LLC and one petroleum pipeline operated by Marathon Pipeline LLC are mapped crossing the gen-tie corridor in a northwest-southeast alignment in the northeast portion of the subject property. No pipeline incidents (gas) or accidents (liquid) are reported on or adjoining the subject property.

6 PROPERTY RECONNAISSANCE

Jack Schille of SWCA completed a Phase I ESA site investigation for the subject property on February 23, 2024. Mr. Schille was escorted by Michael Viehweg of Clenera during the site investigation. The subject property was accessed by on-site access roads and by walking throughout the site. Photographs taken during the property reconnaissance are included in Appendix F.

6.1 Property Inspection

The subject property is vacant land and agricultural land, with gravel access roads and transmission lines. A gen-tie corridor with electrical transmission lines runs north through the northeast parcel of the subject property. An electrical transmission line runs east-west through the southern portion of the subject property, along the south of NW Mashburn Road. Two pipelines cross through the northeast parcel of the subject property in a northwest to southeast direction and smaller older electrical transmission lines run north and south of and roughly parallel with the pipelines. One natural gas tie-in for the pipeline is located in the northern parcel of the subject property along with an additional tie-in on the east boundary of the subject property associated with the power plant. A dry wash was observed crossing through the central portion of the subject property bisecting two fallow pivot-irrigated fields, each approximately 2,000 feet in diameter. One approximately 7,500-gallon AST for cattle water is located on the western portion of the subject property. One electric-powered well is located on the southern portion of the subject property with associated subsurface piping directing water northwest to the water AST and north to an off-site water AST. The pumphouse is a sheet metal shed with a grated hinged door. Three empty carboys were observed within the pumphouse. No staining was noted at the time of the site visit. The Elmore County website indicates that an additional well is located on-site, but it was not observed at the time of the site visit. An abandoned cistern is located in the southern portion of the subject property. Additionally, building debris was noted in the southern portion of the subject property. The subject property representative indicated that it was likely from storage sheds used in the past. The southeastern portion of the subject property contains an abandoned test gravel pit. According to the subject property representative, the gravel pit was abandoned soon after excavation as the quality of gravel did not meet required specifications. This area is a vegetated depression that collects precipitation runoff. It was dry at the time of the site visit. Adjoining properties were observed to be undeveloped native land and agricultural land, except for the gravel mine adjoining the southeast and the power plant adjoining the east, and Interstate-84 to the south of the subject property. According to the subject property representative, the area east of the southeast parcel currently operates as a gravel pit and is owned by Staker Parson Materials & Construction. It is visible from as early as 1984. Two transformers are located without the power plant approximately 60 feet east of the subject property east boundary. Based off the age of construction for the transformers they are unlikely to use PCB-containing fluid. The power plant contains several ASTs. No staining or spills were observed surrounding these ASTs.

No other significant quantities of hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of significant spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the site reconnaissance (Table 4).

Table 4. Features, Activities, Uses, and Conditions on the Subject Property

Item	Present	Notes
Structures	No	Not applicable (N/A)
Roads	Yes	Unimproved roads

Item	Present	Notes
Potable water supply/source	No	N/A
Sewage disposal system	No	N/A
Hazardous substances and petroleum products in connection with identified uses	No	N/A
Storage tanks	Yes	Cattle water
Strong, pungent, or noxious odors	No	N/A
Standing surface water and pools or sumps containing liquids likely to be hazardous substances or petroleum products	No	N/A
Drums, totes, and intermediate bulk containers	No	N/A
Hazardous substance and petroleum product containers not in connection with identified uses	No	N/A
Unidentified substance containers	No	N/A
PCB-Containing items	No	N/A
Heating/Cooling	No	N/A
Stains or corrosion on floors, walls, or ceilings (not water)	No	N/A
Drains and sumps	No	N/A
Pits, ponds, or lagoons	Yes	Gravel pit
Stained soil or pavement	No	N/A
Unduly stressed vegetation	No	N/A
Solid waste disposal	No	N/A
Water/Wastewater discharge	No	N/A
Wells	Yes	No concerns
Septic systems or cesspools	No	N/A

7 PHASE I ENVIRONMENTAL SITE ASSESSMENT FINDINGS

The following list presents selected primary findings of this Phase I ESA:

- SWCA’s review of historical topographic maps and aerial photographs dating from 1892 found that the southeast adjoining parcel to the subject property operates as a gravel pit. SWCA was unable to find permits or violations in association with this parcel. Past uses of the subject property and adjoining properties are not considered to be a REC.
- A representative of Clenera, LLC, on February 23, 2024, and Ron Parks, a representative of the JR Simplot Company, landowner, on February 12, 2024, did not identify anything that SWCA considers to be a REC.
- SWCA’s review of an EDR report, dated February 16, 2024, and supplemental records from state and federal regulatory databases identified the following:
 - The subject property was not identified in any relevant databases searched.
 - One natural gas pipeline operated by Northwest Pipeline LLC and one petroleum pipeline operated by Marathon Pipeline LLC is mapped crossing the gen-tie corridor in a northwest-southeast alignment in the northeast portion of the subject property. No pipeline incidents (gas) or accidents (liquid) are reported on or adjoining the subject property. SWCA does not consider this to represent a REC.

- SWCA’s reconnaissance of the subject property on February 22, 2024, confirmed that it is occupied by agricultural land. A substation is located east adjacent of the subject property along with a gen-tie corridor with electrical transmission lines traveling north.
 - A well is located on the southern portion of the subject property with associated subsurface piping directing water to the water AST on the western portion of the subject property and north to a water AST off-site; and an abandoned cistern is located in the southern portion of the subject property. No staining or spills were noted in association with these findings. Therefore, SWCA does not consider these finding to represent a REC.
 - Adjoining properties were observed to be underdeveloped agricultural land except for the substation and gravel pit to the east and Interstate-84 to the south.
 - No other significant quantities of hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of significant spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the site reconnaissance.

8 PHASE I ENVIRONMENTAL SITE ASSESSMENT CONCLUSIONS

SWCA has completed a Phase I ESA of the subject property based on information obtained during the site investigation and the information obtained through the activities of this Phase I ESA, excluding the limitations. The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other site. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the site reconnaissance and data source searches.

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM International Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed no RECs, controlled RECs, or significant data gaps in connection with the subject property.**

9 LITERATURE CITED

- ASTM International (ASTM). 2021. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Document No. E1527-21. West Conshohocken, Pennsylvania: ASTM International.
- California Soil Resource Lab. 2024. SoilWeb, including U.S. Department of Agriculture–National Cooperative Soil Survey Geographic Database (SSURGO) and State Soil Geographic Database (STATSGO) Soil Survey Data for Google Earth. Available at: https://casoilresource.lawr.ucdavis.edu/soil_web/kml/SoilWeb.kmz. Accessed February 2024.
- Elmore County. 2024. Elmore County GIS Interactive Web Map. Available at: <https://tooelecountygis.maps.arcgis.com/apps/webappviewer/index.html?id=c43e0f457ef547358a85c54d327c0342>. Accessed February 2024.
- Google Earth. 2024. U.S. Department of State Geographer Image Landsat. Available at: <https://www.google.com/earth>. Accessed February 2024.
- Idaho Department of Environmental Quality (IDEQ). 2024. Terradex Idaho. Available at: <https://idaho.terradex.com/>. Accessed February 2024.
- Idaho Department of Water Resources. 2024. Resources Map and GIS Data Hub: Wells. Available at: <https://data-idwr.hub.arcgis.com/datasets/IDWR::wells/explore?location=44.942389%2C-114.145585%2C6.45>. Accessed February 2024.
- Nationwide Environmental Title Research, LLC. 2024. Historic Aerial Photographs Viewer. Available at: <https://www.historicaerials.com/viewer>. Accessed February 2024.
- Natural Resources Conservation Service (NRCS). 2024a. Web soil survey. National Cooperative Soil Survey. Available at: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Accessed February 2024.
- . 2024b. Official Soil Series Descriptions. Available at: <https://soilseries.sc.egov.usda.gov/osdlist.aspx>. Accessed February 2024.
- U.S. Department of Transportation. 2024. Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System (NPMS) Public Viewer. Available at: <https://pvnpm.phmsa.dot.gov/PublicViewer/>. Accessed February 2024.
- U.S. Environmental Protection Agency. 2024a. Cleanups in my community map. Available at: <https://ofmpub.epa.gov/apex/cimc/f?p=cimc:map:::71>. Accessed February 2024.
- . 2024b. EnviroMapper for Envirofacts. Available at: <https://enviro.epa.gov/enviro/em4ef.home>. Accessed February 2024.
- . 2024c. Envirofacts. Available at: <https://enviro.epa.gov/>. Accessed February 2024.
- . 2024d. Toxics Release Inventory Explorer. Available at: https://enviro.epa.gov/triexplorer/tri_factsheet_search.searchfactsheet. Accessed February 2024.
- U.S. Geological Survey (USGS). 2024a. USGS National Topographic Map Database, TopoView Interactive Map Viewer and Downloader. Available at: <https://ngmdb.usgs.gov/maps/Topoview/viewer/#4/40.00/-100.00>. Accessed February 2024.

———. 2024b. Mineral resources on-line spatial data – geologic maps of U.S. States. Available at: <http://tin.er.usgs.gov/geology/state>. Accessed February 2024.

10 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

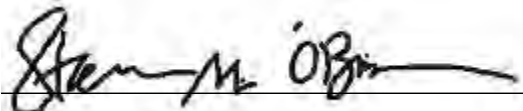
We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in 40 CFR 312.10. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. Our qualifications are presented in Appendix B of this report.



Jack Schille
Staff Analyst

March 4, 2024

Date



Steven M. O'Brien
Environmental Professional / Project Manager

March 4, 2024

Date

APPENDIX A

Phase I Environmental Site Assessment Scope of Work

TASK 3: CULTURAL RESOURCES LITERATURE REVIEW

Contractor will complete a cultural resources file search and literature review. The purpose of the Class I inventory is to gain a comprehensive understanding of the known archaeological and historical properties in the Project Area. Contractor will request a file search from the Idaho State Historic Preservation Office for the Project Area and a 1-mile buffer (required literature review research area) to initiate the project. In addition, Contractor will conduct research using primary and secondary sources to identify land use practices that may indicate the presence of cultural resources within the literature review research area. These sources will include historical General Land Office plats and land patent records, historical topographic maps, and historical and modern aerial imagery.

Deliverables

- Contractor will prepare draft and final literature review report.

Assumptions

- The SOW and cost estimate for cultural resources fieldwork will be a separate effort not included in this cost estimate.
- All deliverables will be submitted in electronic format.
- Any task not expressly described herein is not included in the proposed cost.

TASK 4: PHASE I ENVIRONMENTAL SITE ASSESSMENT

Contractor will complete a Phase I Environmental Site Assessment (Phase I ESA) for the project site. The Phase I ESA will be conducted in general accordance with the standards described in ASTM International Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The goal of a Phase I ESA is to assess the subject property, to the extent practical, for the potential presence of recognized environmental conditions (RECs), defined in the ASTM standard. This SOW applies to the Phase I ESA and consists of the tasks below.

TASK 4.1 RECORDS REVIEW

Contractor will review appropriate documents, including historical aerial photographs, historical topographic maps, and other land use documents, to identify past operations or activities at the subject property that may have caused the release of hazardous substances into the environment. As part of the review process, the site location, hydrogeological characteristics, geographic setting, and physiography will also be summarized.

Additionally, available state and federal regulatory databases will be reviewed to determine whether the subject property or nearby facilities have been subject to environmental actions or review. The regulatory database review will, at a minimum, include the databases required to satisfy the ASTM standard. Contractor assumes that sufficient data will be readily available such

that an in-person regulatory file review will not be needed.

TASK 4.2 INTERVIEWS

If contact information is provided by the Project Company, Contractor's personnel will attempt to interview those individuals who are knowledgeable about the history of the site (typically current owners, managers, or users of the site). Reasonable attempts will be made to interview at least one staff member of state or local government agencies regarding information that indicates RECs in connection with the property.

TASK 4.3 SITE RECONNAISSANCE

Contractor's staff will complete a reconnaissance of the site and vicinity to visually identify and photograph areas with potential RECs and to document current site conditions. Access to private, locked, or restricted areas will be arranged by a client representative. This SOW does not include collection or analysis of soil, air, water, or other environmental samples.

TASK 4.4 USER-PROVIDED INFORMATION

User-provided information is an essential component of the Phase I ESA and includes items such as relevant environmental documents, a completed Phase I ESA User Questionnaire, a completed Initial Data Request, and access to the subject property. The user is responsible for providing Contractor with the results of a search of recorded land title records and judicial records for environmental liens and activity and use limitations (AULs). A 50-year chain of title report and a search for liens and AULs will not be obtained by Contractor under this SOW.

TASK 4.5 REPORT GENERATION

The Phase I ESA findings will be summarized and documented in one report. Contractor will submit a draft report within 6 to 8 weeks of starting the Phase I ESA. Contractor will respond to one round of comments and provide the Project Company with a final report within 1 week of receiving comments.

Deliverables

- One draft and one final Phase I ESA report.

Assumptions

- Receipt of a signed contract, purchase order, or task order is a prerequisite for report delivery.
- The ASTM User Questionnaire and Contractor's Initial Data Request will be promptly returned to Contractor upon commencement of the project.

- No provision is included for delays due to land access, coordination, weather issues, or other factors beyond Contractor’s control. Delays are not included in Contractor’s cost estimate.
- Access to private properties and locked or restricted areas will be arranged by the Project Company.
- The Project Aarea can be reasonably accessed with four-wheel drive vehicles.
- Reliance letters will be provided for Contractor’s standard fee of \$500.
- This SOW includes one round of revisions to the report text. Substantial revisions, such as a revised scope or project area, will incur additional cost.
- Non-scope issues identified in the ASTM standard include radon, lead and asbestos, radioactivity, regulatory compliance, wetlands, and endangered species. Non-scope issues will not be addressed in the report.
- According to ASTM, the content of a Phase I ESA is valid for only 180 days following the commencement of data collection. If the date of the intended use for the Phase I ESA is not within 180 days of data collection, an update may be necessary.
- All deliverables will be submitted in electronic format.
- Any task not expressly described herein is not included in the proposed cost.

SCHEDULE

Contractor shall commence the Services on February 1, 2024 upon Project Company’s authorization to proceed and shall complete all Services no later than July 1, 2024.

COMPENSATION

Upon timely completion of the Services, Project Company shall pay Contractor a time and materials not-to-exceed fee in the sum of [REDACTED] within thirty (30) days after Project Company’s receipt of the invoice for deliverables listed above. The total fee is based on the following cost breakdown:

PHASE/TASK	LABOR \$	EXPENSES \$	TOTAL \$
Task 1: Habitat Assessment and Reporting	[REDACTED]	[REDACTED]	[REDACTED]
Task 2: Aquatic Resources Delineation and Reporting	[REDACTED]	[REDACTED]	[REDACTED]
Task 3: Cultural Resources Literature Review	[REDACTED]	[REDACTED]	[REDACTED]
Task 4: Phase I Environmental Site Assessment	[REDACTED]	[REDACTED]	[REDACTED]
PROJECT TOTAL	[REDACTED]	[REDACTED]	[REDACTED]

APPENDIX B

Environmental Professionals' Credentials

JACKSON SCHILLE, STAFF SUSTAINABILITY SPECIALIST

Jackson Schille is a staff sustainability specialist with a background in resource and environmental economics. He has studied renewable energy and sustainability as well as environmental policy administration and has hands-on experience with cost benefit analysis and statistical analysis for a variety of projects. Jackson has been certified by multiple agencies including the Occupational of Safety and Health Administration (OSHA) and the Massachusetts Department of Transportation to assess hazardous waste materials collection practices

YEARS OF EXPERIENCE

2

EXPERTISE

Transactional due diligence

Regulatory compliance

EDUCATION

BS, Resource Economics, University of Massachusetts Amherst (2021)

Study Abroad, Philipps-Universität Marburg, Germany (2019)

TRAINING

OSHA Hazardous Waste Operations and Emergency Response Training

Department of Transportation Hazardous Materials Regulations Training

Resource Conservation and Recovery Act Hazardous Waste Management Training

REGISTRATIONS / CERTIFICATIONS

Power BI Masterclass, Udemy online education platform

Driving Business Towards the Sustainable Development Goals, Rotterdam School of Management, Erasmus University online education platform

Introduction to Sustainable Finance, UN CC: Learn

SELECTED PROJECT EXPERIENCE (* denotes project experience prior to SWCA)

Materiality Assessment; Confidential Client; Various Domestic and international locations. SWCA was tasked with identifying, refining, and assessing numerous potential sustainability issues that are most important to the client and its stakeholders. Role: *Analyst. Conduct benchmarking research to evaluate sustainability activities of selected peers & competitors and provide recommendations of various sustainability standards based on industry norms; Perform stakeholder engagement interviews; Analyze material findings and develop a client-facing report summarizing these findings and provide suggestions for operational changes.*

Water Management Strategy; Confidential Client; Various Locations. SWCA has been contracted to develop source vulnerability assessments for various United States-based locations. The purpose of these assessments is to evaluate potential vulnerabilities within the supply chain, considering the various sources that contribute to the client's products and services. The project aims to identify and analyze vulnerabilities that may expose the organization to risks, such as disruptions in supply, quality, and water security issues. Role: *Analyst. Ensuring accuracy, completeness, and consistency of reports. Provided subject matter expertise and collaborated with cross-functioning team members to provide feedback and guidance to ensure deliverables meet established quality standards.*

Environmental, Social, and Governance (ESG) Strategy Development; Confidential Client; Michigan. Development of a company-wide sustainability strategy involving emissions reduction and reporting, alternative fuel investments, and stakeholder engagement. This project involves our ongoing efforts to establish and implement these strategies. Role: *Analyst. Researching, drafting, and producing a comprehensive report showcasing the company's sustainable initiatives and environmental practices. This report addressed the possible costs and benefits of adopting our sustainability strategy.*

Phase I Environmental Site Assessments and Material Compliance Reviews, Various Clients. Mr. Schille has completed countless Phase I Environmental Site Assessment reports involved in commercial real estate transactions. The purpose of this report is to research current and historical uses of the target property to determine if there is any contamination that could lead to environmental or human health concerns. Tasks involve site reconnaissance, review background and historical information, conduct interviews with selected individuals affiliated with the site, and conduct a review of Environmental Liens relative to the target site as well as performing an assessment of program-level review of the general environmental compliance status of operations involving permits, discharge management, and hazardous materials storage.

***Baseline Carbon Footprint Calculation; Global Collision Repair Center.** *Role: Mr. Schille's team was tasked with meeting our client's sustainability commitments within their inaugural ESG report involving establishing baseline Scope 1 and Scope 2 emissions to measure and report on performance in future disclosures. Mr. Schille was involved in a variety of different tasks including preparing a Scope 1 and Scope 2 greenhouse gas emissions (GHG) inventory and associated methodology following the World Resources Institute (2015) GHG Protocol Corporate Accounting and Reporting Standards, defining information sources required to calculate relevant areas of Scope 1 and Scope 2 footprint, and calculating and verifying Scope 1 and Scope 2 emissions calculations, storing data templates, recording methodology, and creating structured data and summary tables.*

***ESG Due Diligence; Various Private Equity Clients.** *Role: Work consisted of an environmental health and safety (EHS) and ESG assessment of the company and its operating locations to identify areas of potentially significant EHS liability and ESG programing gaps that could financially impact the value of the company, business reputation, or that may require major capital and/or operating expenditures to comply with existing, pending, or anticipated regulations. Mr. Schille's tasks involved extensive due diligence of EHS and ESG topics and programs, obligations, and risks associated with the target company.*

Education / Training

- B.A., Biology / Chemistry, Gettysburg College; 1994

Expertise

- Large-scale Phase I ESAs (2247-16)
- Commercial Phase I ESAs (1527-21)
- Wetlands and hydric soils
- Stream channel assessment and restoration
- State/National Environmental Policy Act (S/NEPA) documentation
- Protected species
- 404/401 permitting
- Project management

Relevant Projects

- Nearly 1,000 Phase I ESAs Nationwide in 41 States
- 17 Phase I ESAs for Cell Tower Sites; WyoLink Project; Throughout Wyoming
- Many Phase I ESAs for Wind and Solar Projects in 33 states
- Painted Desert Power Solar Project Phase I ESA and report update; Coconino County, Arizona
- Perrin Ranch Phase I ESA, 43,000-acres, Coconino County, Arizona
- Phase I ESAs at 23 Sites; U.S. Army Corps of Engineers; Washington
- Phase I Environmental Site Assessment 435 Acres; Pascua Yaqui Tribe of Arizona; Pima County, Arizona
- 9 Phase I Environmental Site Assessments; Aveda Transportation and Energy Services; Multiple States
- 450,000-acre Phase I ESA for a wind energy project, Eastern Montana

Mr. O'Brien is an Environmental Professional and Lead Project Manager with 27 years of nationwide experience in environmental consulting and technical writing, including 23 years of extensive experience performing Phase I Environmental Site Assessments (ESAs). He leads SWCA's nationwide Phase I ESA Technical Work Group and is SWCA's senior Environmental Professional.

He has completed nearly 1,000 Phase I ESAs in a variety of settings in 41 states and Guam, from tiny easements to 900-square mile assemblages, including several hundred wind and solar projects in 33 states. His projects also include transmission lines and pipelines, oil and gas fields, reclaimed coal mines and landfills, U.S. EPA Superfund sites, and Department of Defense sites. His specialties include applying ASTM Standard 2247-16 for large-scale projects, performing FAA-Standard ESAs for airport projects, and applying the principles of ESAs to Environmental Baseline Surveys (EBSs) for Department of Defense sites and classification of Environmental Condition of Property area types. He manages the large and difficult Phase I ESAs for SWCA companywide. He mentors others to conduct ESAs with a focus on concise and defensible reporting techniques to satisfy clients' lenders, investors, and counsel. He also performs third party review and been an expert witness for ESA cases.

Mr. O'Brien is also experienced in performing soil mapping, wetland delineations, habitat assessments, permitting, protected species, and stream morphology assessments. He has performed assessment, design, and construction oversight for more than 250 stream stabilization sites. He has completed masters level courses in natural resources, forestry, soil characterization, and hydric soils. He has extensive experience performing construction oversight and has experience training clients, contractors, staff, and local officials.

Mr. O'Brien has extensive plant, soil, and hydrology fieldwork experience in locations from coastal marshes to deserts to high in the Rocky Mountains. He has been 40-hour Hazardous Waste and Emergency Response (HAZWOPER)-certified since 1998, earned a Watershed Training Certificate from the EPA, and a Water Supply Watershed Protection certificate.

APPENDIX C

Additional Records

RP03S06E033600 : J R SIMPLOT
COMPANY



Zoom to

The parcel number is RP03S06E033600

Owner Name: J R SIMPLOT COMPANY

Address: , Boise, Id

Subdivision: T3S R6E

Legal Description: S2nw4, Sec 3, T3s R6e

Acres: 80

Land Value: 5200

Improvement Value: 0

Total Value: 5200

Catagories: |05|

Zoning: AG

Taxing Districts:

Tax Code Area: 520000


City:

Fire:

Highway: ELMORE MEDICAL CTR HOSP

RP03S06E034810 : J R SIMPLOT
COMPANY



 Zoom to

The parcel number is RP03S06E034810

Owner Name: J R SIMPLOT COMPANY

Address: , Boise, Id

Subdivision: T3S R6E

Legal Description: Sw4, Sec 3, T3s R6e

Acres: 160

Land Value: 10400

Improvement Value: 0

Total Value: 10400

Catagories: |05|

Zoning: AG

Taxing Districts:

Tax Code Area: 520000

City:

Fire:

Highway: ELMORE MEDICAL CTR HOSP

RP03S06E081890 : J R SIMPLOT
COMPANY



Zoom to

The parcel number is RP03S06E081890

Owner Name: J R SIMPLOT COMPANY

Address: , Boise, Id

Subdivision: T3S R6E

Legal Description: S2n2 N2sw4 N Of Osllr Se4 Less, Tax 1 & 2
Sec 8, T3s R6e

Acres: 378.4

Land Value: 23556

Improvement Value: 0

Total Value: 23556

Catagories: |05|19|

Zoning: C2

Taxing Districts:

Tax Code Area: 520000

City:

Fire:

Highway: ELMORE MEDICAL CTR HOSP

RP03S06E090080 : J R SIMPLOT
COMPANY



Zoom to

The parcel number is RP03S06E090080

Owner Name: J R SIMPLOT COMPANY

Address: , Boise, Id

Subdivision: T3S R6E

Legal Description: N2 & N2sw4 N Of I-84, Sec 9, T3s R6e

Acres: 351

Land Value: 129815

Improvement Value: 0

Total Value: 129815

Catagories: |01|05|

Zoning: C2

Taxing Districts:

Tax Code Area: 520000

City:

Fire:

Highway: ELMORE MEDICAL CTR HOSP

RP03S06E103040 : J R SIMPLOT
COMPANY



Zoom to

The parcel number is RP03S06E103040

Owner Name: J R SIMPLOT COMPANY

Address: , Boise, Id

Subdivision: T3S R6E

Legal Description: W2nw4 Less Tax 14, Sec 10, T3s R6e

Acres: 39.97

Land Value: 2598

Improvement Value: 0

Total Value: 2598

Catagories: |05|

Zoning: AG

Taxing Districts:

Tax Code Area: 520000

City:

Fire:

Highway: ELMORE MEDICAL CTR HOSP

Wells: ELMORE

WellID 307274
PermitID 721207
MetalTagNumber
CurrentStatus
ConstructionDate 12/30/9999
Owner SIMPLOT LAND & LIVESTOCK
AppType
WellUse
BasinNumber 61
CountyName ELMORE
Township 03S
Range 06E
Section 9
QQQ
QQ SE
Quarter NW
GovLotNum
WellAddress
Lot
Block
subdivision
ProductionRate 0.00
StaticWaterLevel 0.00
CasingDiameter
CasingDepth
TotalDepth
DataSource QQ
DiversionName
WellDocs [More info](#)
Latitude
Longitude
SpatialDataID 110687

APPENDIX D
Correspondence



Please return this form to jack.schille@swca.com

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
LANDOWNER QUESTIONNAIRE**

Site: Crimson Orchard Solar Generation, Elmore County, Idaho

Date: 2/12/2024

Name: Ron Parks

Company: J R Simplot Company

Phone: 208-850-2367

Email: Rpark46@msn.com

1. How many years have you owned, occupied, or been associated with the property? _____
2. To the best of your knowledge, has the property or any adjoining property been previously used for or is currently used for industrial use?
- Yes No Unknown

If yes, explain.

3. To the best of your knowledge has the property or any adjoining property been previously used or is currently used as a gasoline station; motor repair facility; commercial printing facility; dry cleaners; photo developing laboratory; junkyard or landfill; or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?
- Yes No Unknown

If yes, explain.

4. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemical in individual containers of greater than 5 gallon in volume or 50 gallon in the aggregate, stored on or used at the property or at the facility?
- Yes No Unknown

If yes, explain.

5. Are there currently, or to the best of your knowledge have there been previously, an industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?
- Yes No Unknown

If yes, explain.

6. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site or that is of an unknown origin?
- Yes No Unknown

If yes, explain.

7. Are there currently, or to the best of your knowledge have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Yes No Unknown

If yes, explain.

8. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?

Yes No Unknown

If yes, explain.

9. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on this property?

Yes No Unknown

If yes, explain.

10. Are there currently, or to the best of your knowledge have there been previously, leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?

Yes No Unknown

If yes, explain.

11. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?

Yes No Unknown

If yes, explain.

12. Do you have any knowledge of environmental liens or governmental notifications relating to the past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

Yes No Unknown

If yes, explain.

13. Have you been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?

Yes No Unknown

If yes, explain.

14. Do you have any knowledge of any environmental assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assistance of the property?

Yes No Unknown

If yes, explain.

15. Do you know of any past, threatened, or pending lawsuits of administrative proceeding concerning a release or threatened release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?

Yes No Unknown

If yes, explain.

16. Does the property discharge wastewater (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary waste or storm water system?

Yes No Unknown

If yes, explain.

17. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, cattle dipping troughs, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried, and/or burned on the property?

Yes No Unknown

If yes, explain.

18. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

Yes No Unknown

If yes, explain.

19. Additional Comments:

Please return this form to jack.schille@swca.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

USER QUESTIONNAIRE

(to be completed by each party that will rely upon the report)

Completed by: Clenera LLC

Date:

Site Name: Crimson Orchard Solar LLC

INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”)², the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that “*all appropriate inquiries*” is not complete.

The *user* is defined as “the party seeking to use Practice E1527 to complete an *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an owner of *property*, a lender, or a *property* manager. The *user* has specific obligations for completing a successful application of this practice outlined in Section 6” of ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

1) Environmental cleanup liens that are filed or recorded against the *property* (40 CFR 312.25) – Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed against the *property* under federal, tribal, state, or local law? () Yes (X) No
If yes, please describe:

Note 1 – In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

2) Activity and land use limitations that are in place on the *property* or that have been filed or recorded against the *property* (40 CFR 312.26(a)(1)(v) and vi) – Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 above) identify any Activity and Use Limitations (AULs), such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law? () Yes (X) No. If yes, please describe:

¹ *Landowner Liability Protections, or LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA’s *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability (“Common Elements” Guide)* issued on March 6, 2003.

² Public Law 107-118.

3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28) -

Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? () Yes (X) No If yes, please explain:

4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated

(40 CFR 312.29) – Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? (X) Yes () No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? () Yes (x) No If yes, please describe:

5) Commonly known or reasonably ascertainable information about the *property* (40 CFR 312.30) –

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

- a. Do you know the past uses of the *property*? The current owners of the property have used it for agricultural purposes.
- b.
- c. Do you know of specific chemicals that are present or once were present at the *property*? No
- d. Do you know of spills or other chemical releases that have taken place at the *property*? No
- e. Do you know of any environmental cleanups that have taken place at the *property*? No
- f. Do you know of any previous Phase I Environmental Site Assessment performed for the *property*? () Yes (X) No. If yes, can copies be provided?
- g. If available, please provide contact information for someone knowledgeable about past uses of the *property* (present or past owner, operator or occupant).

6) The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31) – Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of releases at the *property*? () Yes (x) No If yes, please describe:

**PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)
INITIAL DATA REQUEST**

As part of the Phase I ESA process, there is some standard information that we'll need for the report. Please provide the following to SWCA:

- 1) The name of the project/site, as you want it to appear in the report.

Crimson Orchard Solar LLC

- 2) To whom the report should be addressed: Name/Entity/Mailing Address.

Crimson Orchard Solar LLC
999 W. Main St., Suite 800 |
Boise, ID 83702

- 3) Name(s) of any additional party relying on the report.

Idaho Power

- 4) The date you need the completed report.

3/18/2024

- 5) The reason the Phase I ESA is being performed (i.e., liability protection, lender requirement, property purchase, etc.).

Liability Protection and lender requirement

- 6) Contact information for property owners and/or managers.

JR Simplot Company
999 Main Street, Suite 1300
Boise Idaho 83702
(208) 850-2367

- 7) Mapping of the site boundaries in KMZ or Shapefile format, if not already provided.

[KMZ Crimson Orchard](#)

- 8) A completed Phase I ESA User Questionnaire. Answers of n/a or unknown are fine. No signature is needed. To be completed by each party relying on the Phase I ESA, not the property owner.

APPENDIX E

Environmental Database Records

Crimson Orchard Solar
Crimson Orchard Solar
Mountain Home, ID 83647

Inquiry Number: 7571300.2s
February 16, 2024

EDR Area / Corridor Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Sites

A review of the LUST list, as provided by EDR, and dated 09/25/2023 has revealed that there is 1 LUST site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>MOUNTAIN HOME MTCE Y</i> Cleanup Date: 11/14/1994 Status: Site Cleanup Completed Facility Id: 3-200055	<i>I-84 MP 90 SE EXIT 9</i>	<i>A3 / 6</i>	<i>36</i>

Lists of state and tribal registered storage tanks

UST: Registered Underground Storage Tanks in Idaho

A review of the UST list, as provided by EDR, and dated 09/25/2023 has revealed that there are 2 UST sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>MOUNTAIN HOME HIGHWA</i> Facility Id: 3-200041 Tank Status: Active	<i>1208 W MASHBURN RD</i>	<i>A2 / 6</i>	<i>35</i>
<i>MOUNTAIN HOME MTCE Y</i>	<i>I-84 MP 90 SE EXIT 9</i>	<i>A3 / 6</i>	<i>36</i>

EXECUTIVE SUMMARY

Facility Id: 3-200055
Tank Status: Closed

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Remediation Database

A review of the ALLSITES list, as provided by EDR, and dated 11/22/2023 has revealed that there is 1 ALLSITES site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MOUNTAIN HOME HIGHWA Facility Id: 2011BAZ4573	1208 W MASHBURN RD	A2 / 6	35

Records of Emergency Release Reports

SPILLS: Spills Data

A review of the SPILLS list, as provided by EDR, has revealed that there is 1 SPILLS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MOUNTAIN HOME MTCE Y Database: SPILLS, Date of Government Version: 06/20/2011 Date Closed: 11/14/1994	I-84 MP 90 SE EXIT 9	A3 / 6	36

Other Ascertainable Records

ICIS: Integrated Compliance Information System

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there is 1 ICIS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
IDAHO POWER CO - EVA FRS ID:: 110012152053	1862 MASHBURN RD	1 / 6	28

EXECUTIVE SUMMARY

US AIRS: Aerometric Information Retrieval System Facility Subsystem

A review of the US AIRS list, as provided by EDR, has revealed that there is 1 US AIRS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
IDAHO POWER CO - EVA Database: US AIRS (AFS), Date of Government Version: 10/12/2016 EPA plant ID:: 110012152053	1862 MASHBURN RD	1 / 6	28

Financial Assurance: Financial Assurance Information Listing

A review of the Financial Assurance list, as provided by EDR, has revealed that there are 2 Financial Assurance sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MOUNTAIN HOME HIGHWA Database: Financial Assurance 2, Date of Government Version: 10/25/2023 Facility Id: 3-200041 Facility Status: Active	1208 W MASHBURN RD	A2 / 6	35
MOUNTAIN HOME MTCE Y Database: Financial Assurance 2, Date of Government Version: 10/25/2023 Facility Id: 3-200055 Facility Status: Closure	I-84 MP 90 SE EXIT 9	A3 / 6	36

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Remediation Database

A review of the ALLSITES list, as provided by EDR, and dated 11/22/2023 has revealed that there are 4 ALLSITES sites within approximately 0.5 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
ID TRANS DEPT MOUNTA Facility Id: 2011BAZ3093	2596 NW FRONTAGE RD	SSW 1/8 - 1/4 (0.242 mi.)	5 / 10	38
DESERT WINDS CHEVRON Facility Id: 2011BAZ1798	3872 DITTO CR RD	SSE 1/4 - 1/2 (0.351 mi.)	6 / 10	38
HIDDLESTON & SON, IN	RT 3 BOX 610-D	SSE 1/4 - 1/2 (0.440 mi.)	7 / 10	39

EXECUTIVE SUMMARY

Facility Id: 2011BAZ2777
HIDDLESTON DRILLING 1240 NW BEAMAN ST E 1/4 - 1/2 (0.499 mi.) 8 / 10 39
Facility Id: 2017BAZ39

Other Ascertainable Records

UST FINDER: UST Finder Database

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER site within approximately 0.25 miles of the requested target property.

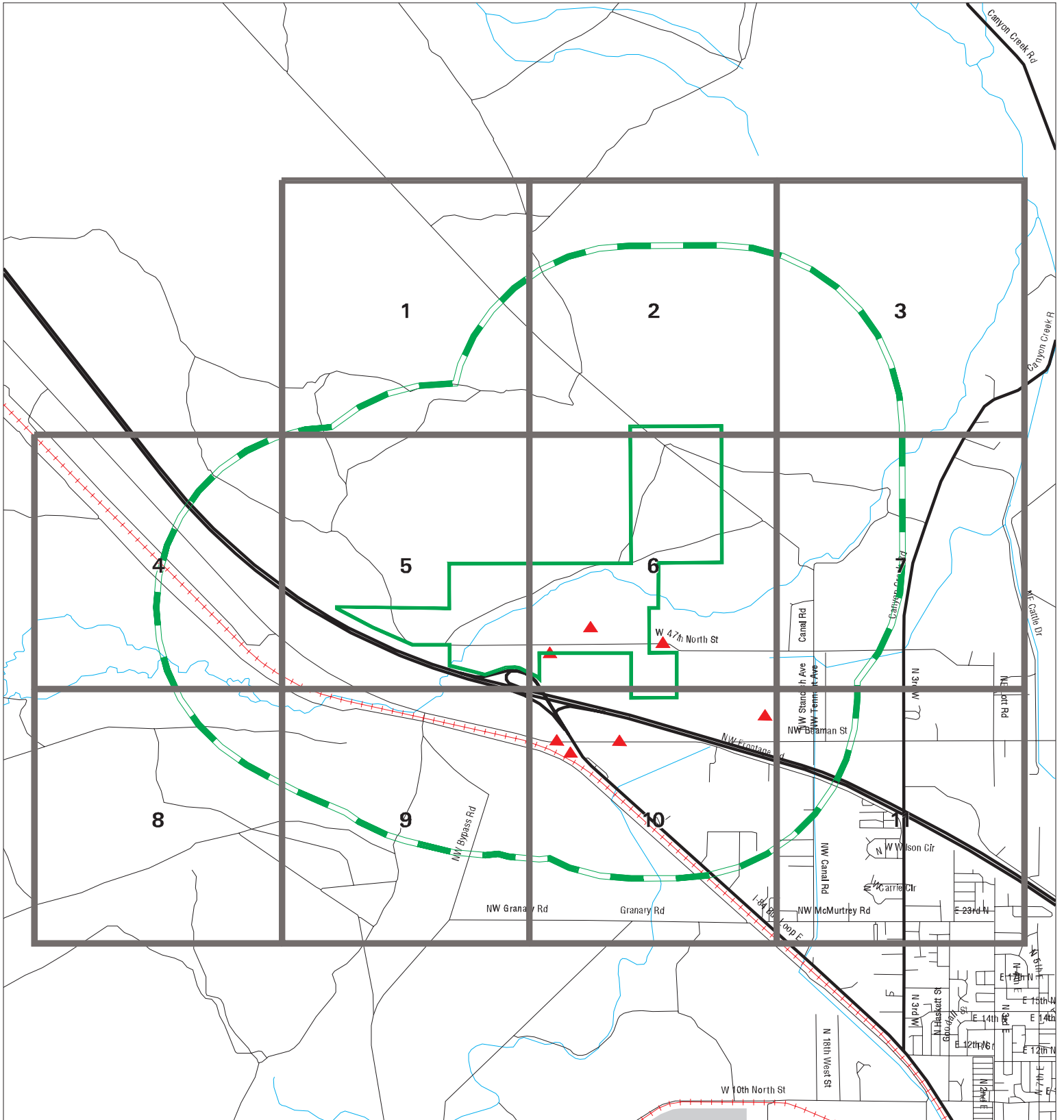
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MOUNTAIN HOME HIGHWA	1208 W MASHBURN RD	N 0 - 1/8 (0.059 mi.)	4 / 6	37

MAPPED SITES SUMMARY

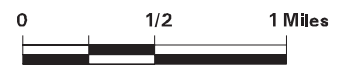
Target Property:
 CRIMSON ORCHARD SOLAR
 MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
1 / 6	IDAHO POWER CO - EVA	1862 MASHBURN RD	ICIS, US AIRS	TP		
A2 / 6	MOUNTAIN HOME HIGHWA	1208 W MASHBURN RD	UST, ALLSITES, Financial Assurance	TP		
A3 / 6	MOUNTAIN HOME MTCE Y	I-84 MP 90 SE EXIT 9	LUST, UST, SPILLS, Financial Assurance	TP		
4 / 6	MOUNTAIN HOME HIGHWA	1208 W MASHBURN RD	UST FINDER	309	0.059	North
5 / 10	ID TRANS DEPT MOUNTA	2596 NW FRONTAGE RD	ALLSITES	1280	0.242	SSW
6 / 10	DESERT WINDS CHEVRON	3872 DITTO CR RD	UST, ALLSITES, Financial Assurance	1854	0.351	SSE
7 / 10	HIDDLESTON & SON, IN	RT 3 BOX 610-D	UST, ALLSITES, Financial Assurance	2324	0.440	SSE
8 / 10	HIDDLESTON DRILLING	1240 NW BEAMAN ST	ALLSITES	2635	0.499	East

Key Map - 7571300.2s



- ▲ Sites
- - - Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



<p>SITE NAME: Crimson Orchard Solar ADDRESS: Crimson Orchard Solar CITY/STATE: Mountain Home ID ZIP: 83647</p>	<p>CLIENT: SWCA Environmental Consultants CONTACT: Jack Schille INQUIRY #: 7571300.2s DATE: 02/16/24 1:59 PM</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500	1	0	0	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	2	0	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWTIRE	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500	1	0	1	3	NR	NR	5
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	1	NR	NR	NR	NR	NR	1
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP	1	NR	NR	NR	NR	NR	1
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AIRS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP	2	NR	NR	NR	NR	NR	2
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		1	0	NR	NR	NR	1

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals -- 9 1 1 3 0 0 14

NOTES:

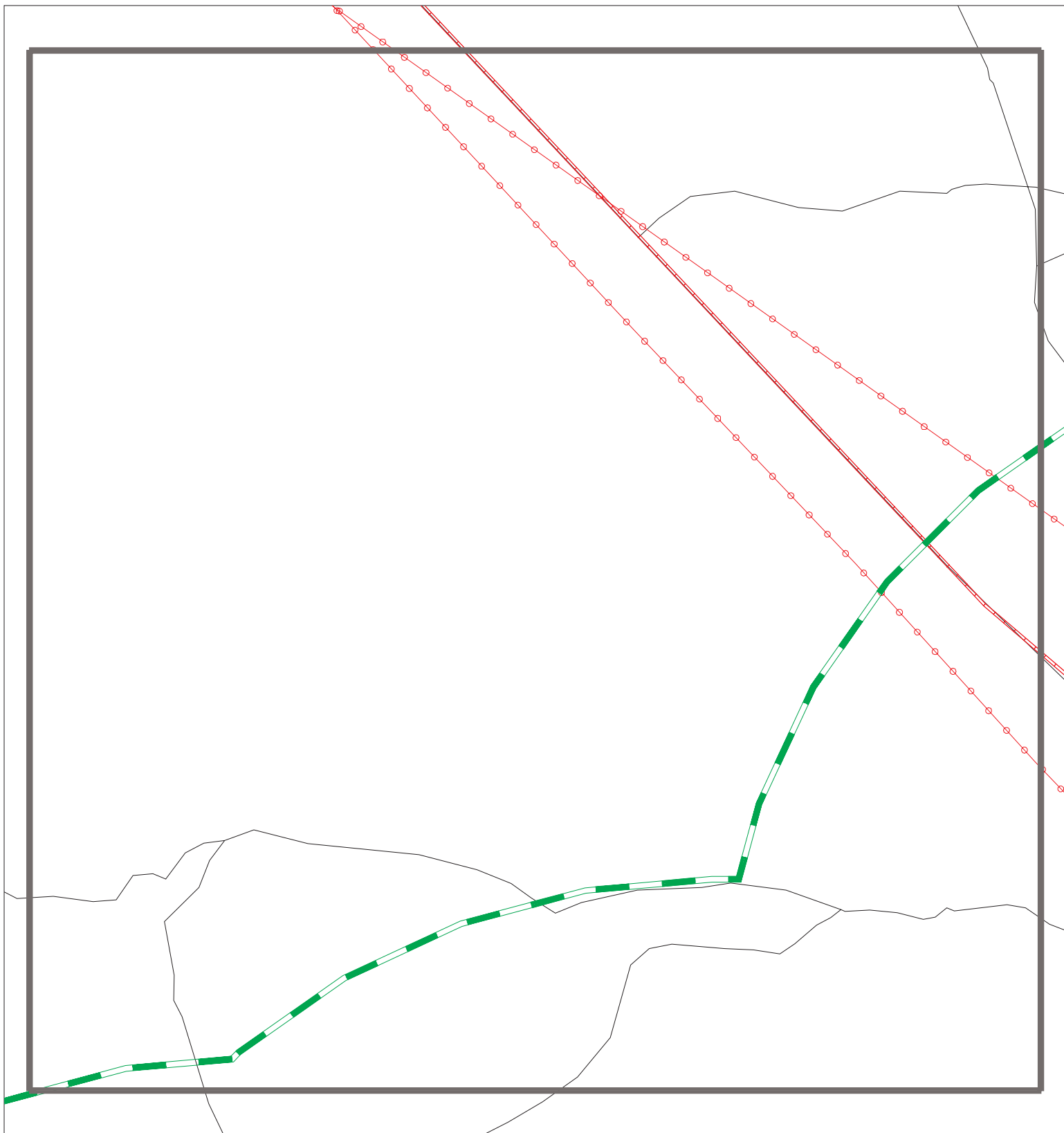
TP = Target Property











NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Focus Map - 1 - 7571300.2s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar
ADDRESS: Crimson Orchard Solar
CITY/STATE: Mountain Home ID
ZIP: 83647

CLIENT: SWCA Environmental Consultants
CONTACT: Jack Schille
INQUIRY #: 7571300.2s
DATE: 02/16/24

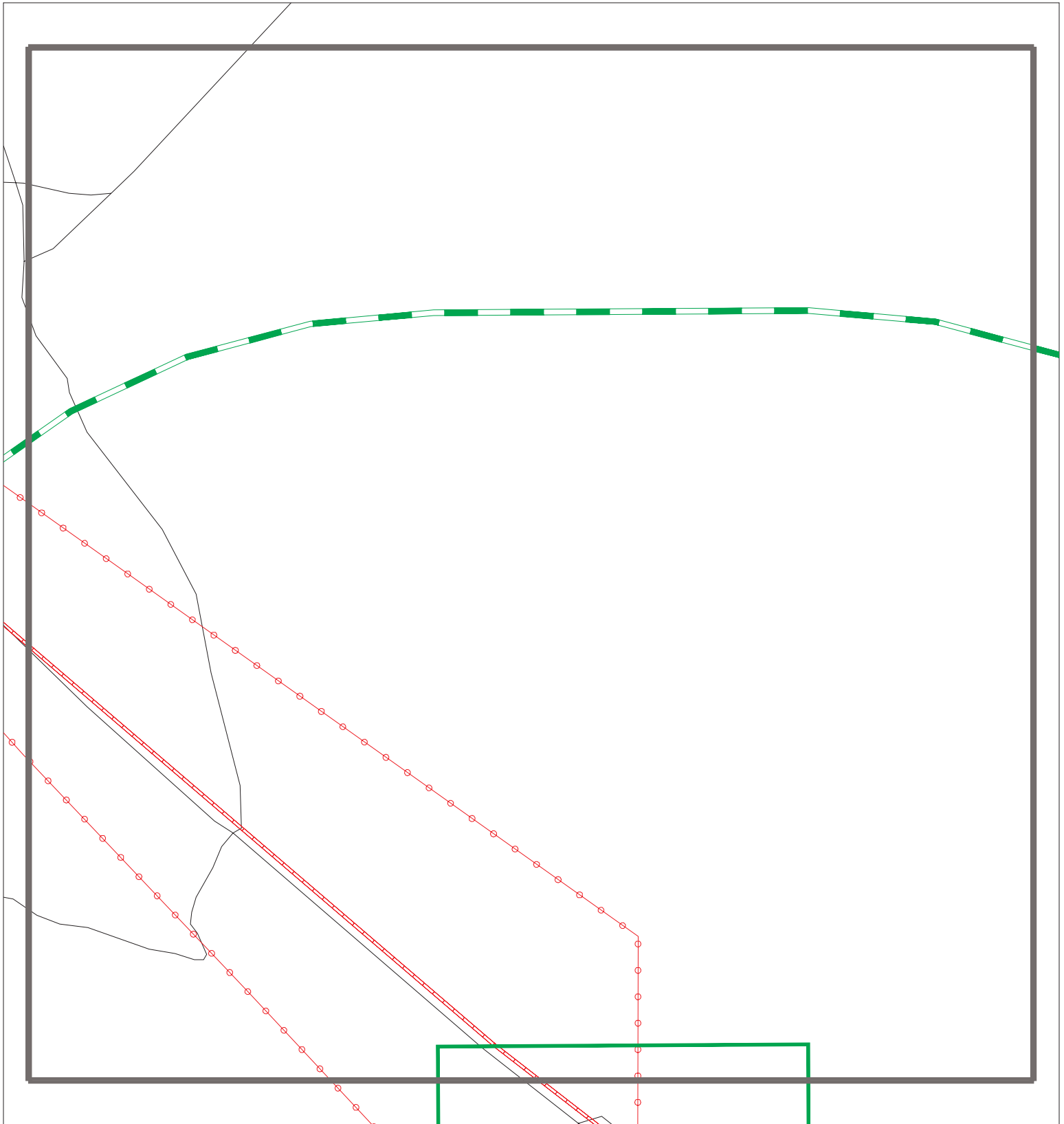
MAPPED SITES SUMMARY - FOCUS MAP 1











Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 2 - 7571300.2s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar
ADDRESS: Crimson Orchard Solar
CITY/STATE: Mountain Home ID
ZIP: 83647

CLIENT: SWCA Environmental Consultants
CONTACT: Jack Schille
INQUIRY #: 7571300.2s
DATE: 02/16/24

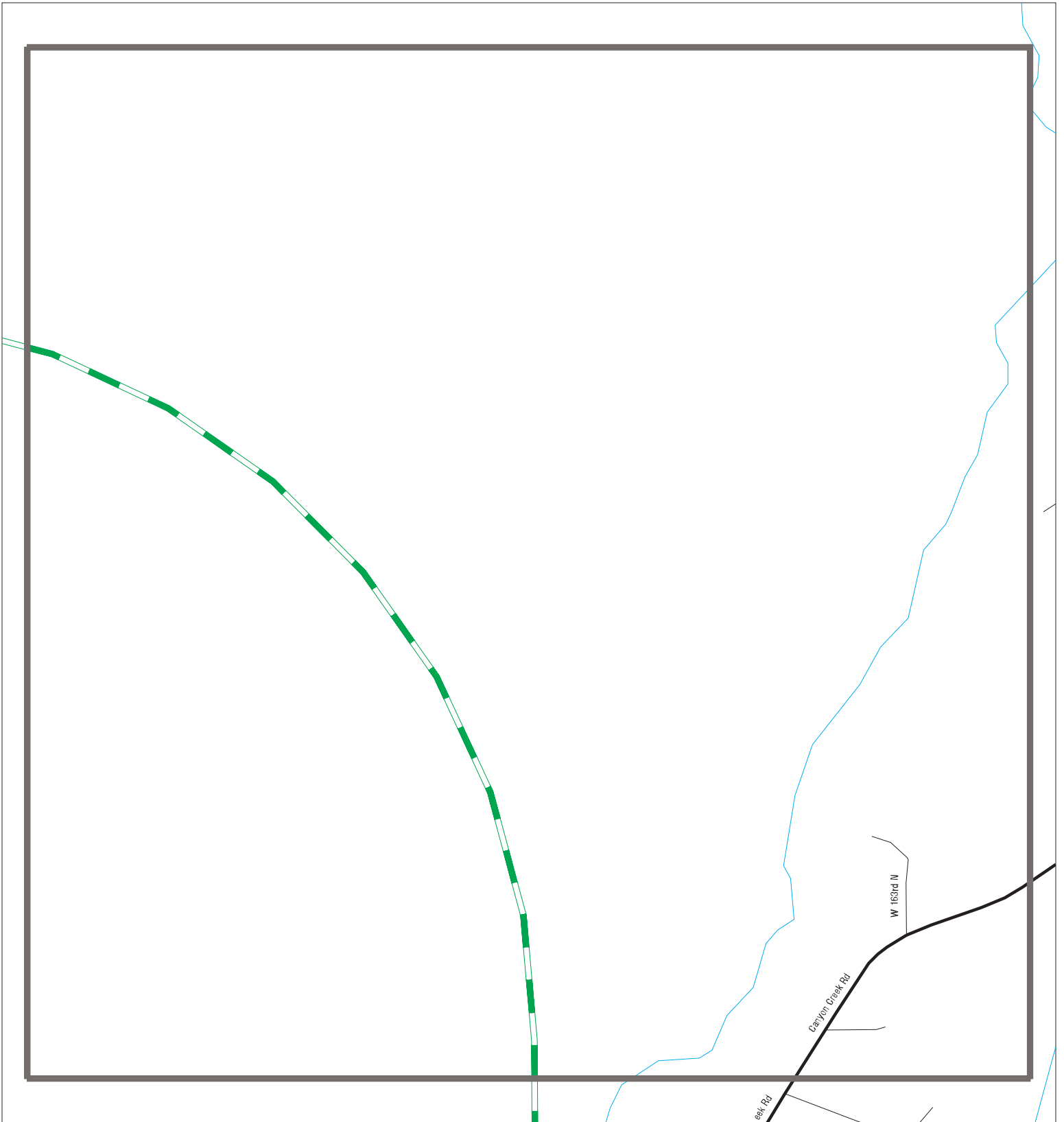
MAPPED SITES SUMMARY - FOCUS MAP 2











Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

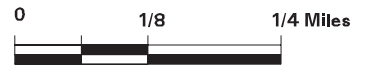
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 3 - 7571300.2s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar ADDRESS: Crimson Orchard Solar CITY/STATE: Mountain Home ID ZIP: 83647	CLIENT: SWCA Environmental Consultants CONTACT: Jack Schille INQUIRY #: 7571300.2s DATE: 02/16/24
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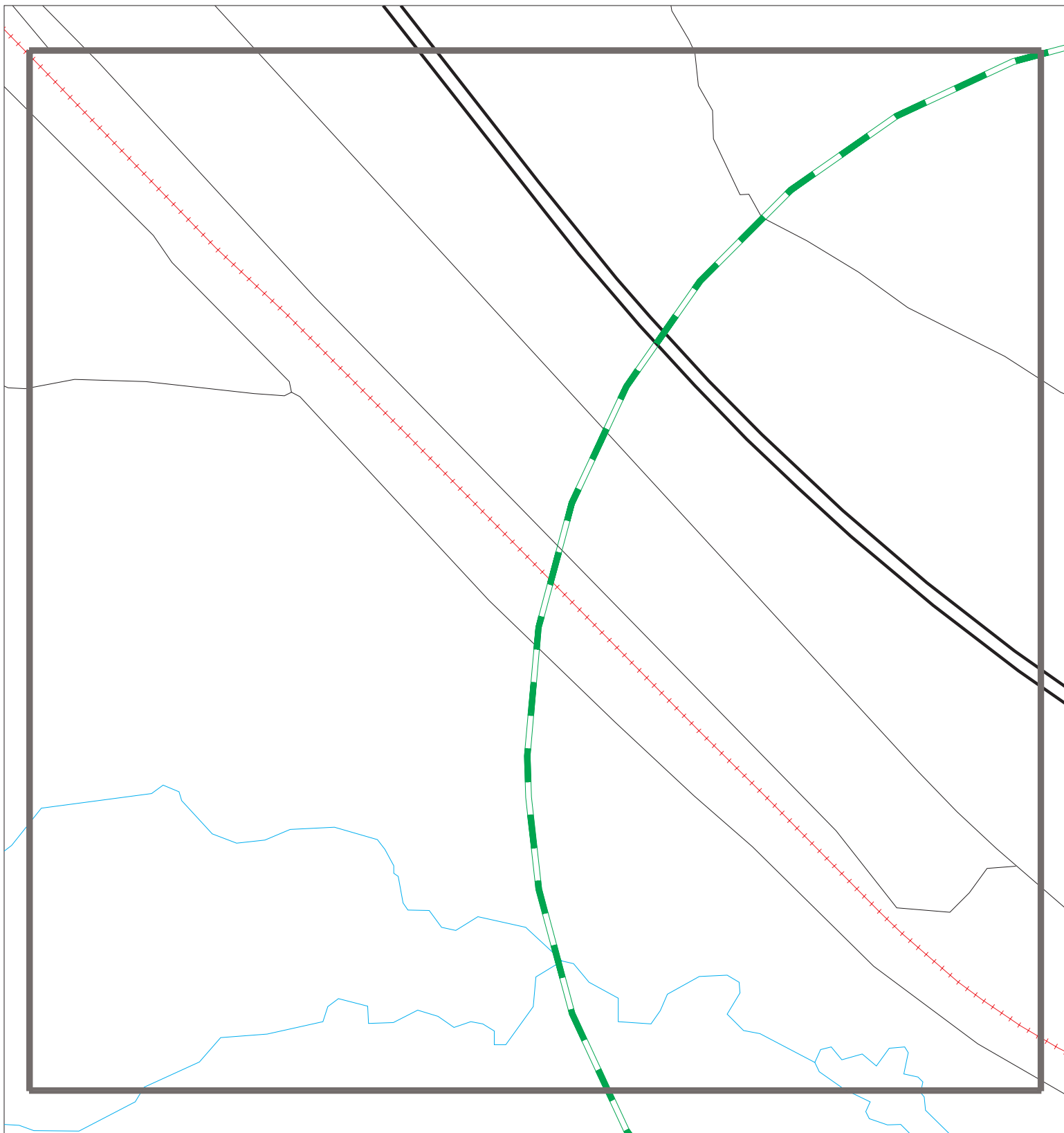
MAPPED SITES SUMMARY - FOCUS MAP 3











Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 4 - 7571300.2s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar
ADDRESS: Crimson Orchard Solar
CITY/STATE: Mountain Home ID
ZIP: 83647

CLIENT: SWCA Environmental Consultants
CONTACT: Jack Schille
INQUIRY #: 7571300.2s
DATE: 02/16/24

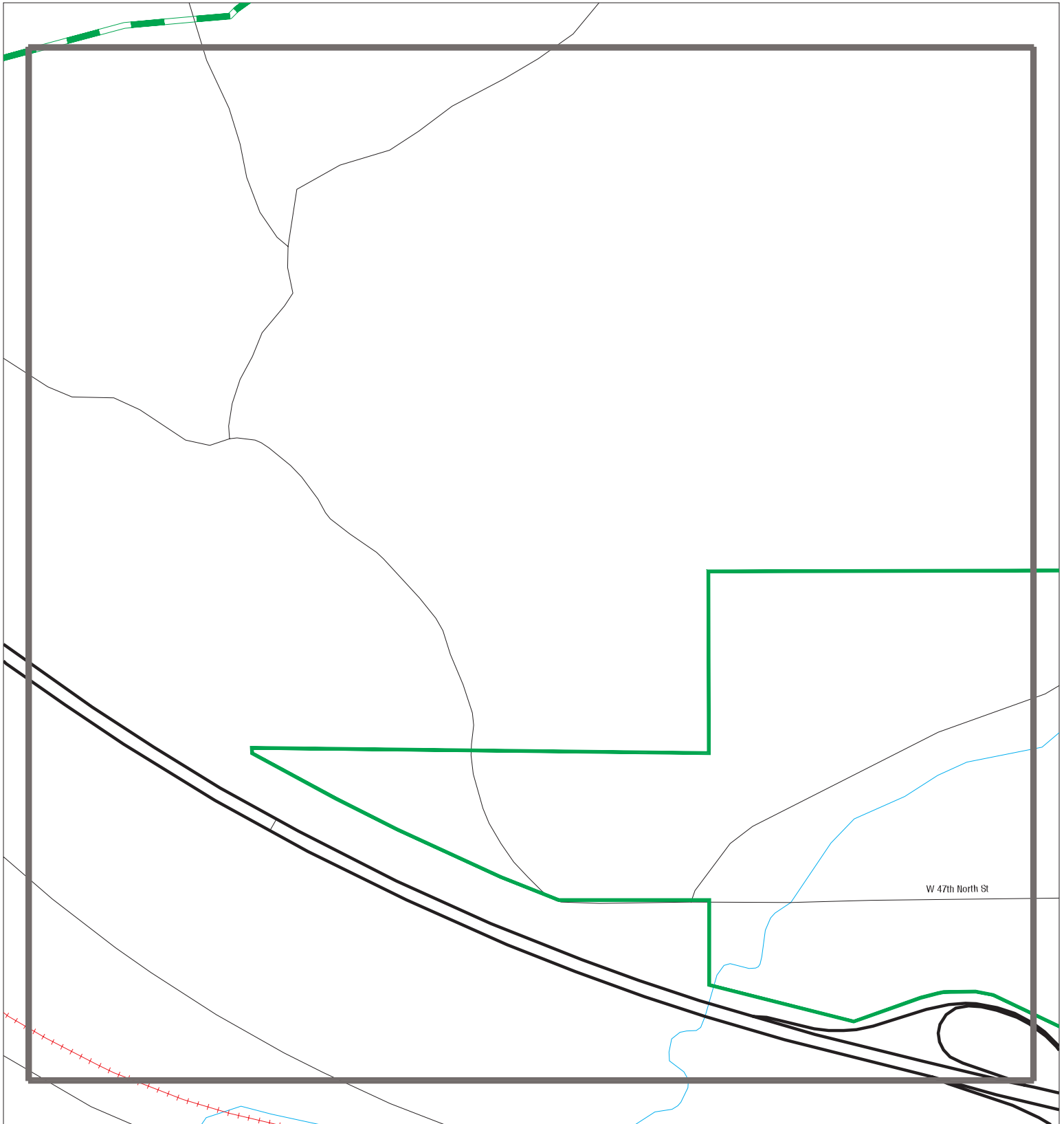
MAPPED SITES SUMMARY - FOCUS MAP 4











Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 5 - 7571300.2s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar
ADDRESS: Crimson Orchard Solar
CITY/STATE: Mountain Home ID
ZIP: 83647

CLIENT: SWCA Environmental Consultants
CONTACT: Jack Schille
INQUIRY #: 7571300.2s
DATE: 02/16/24

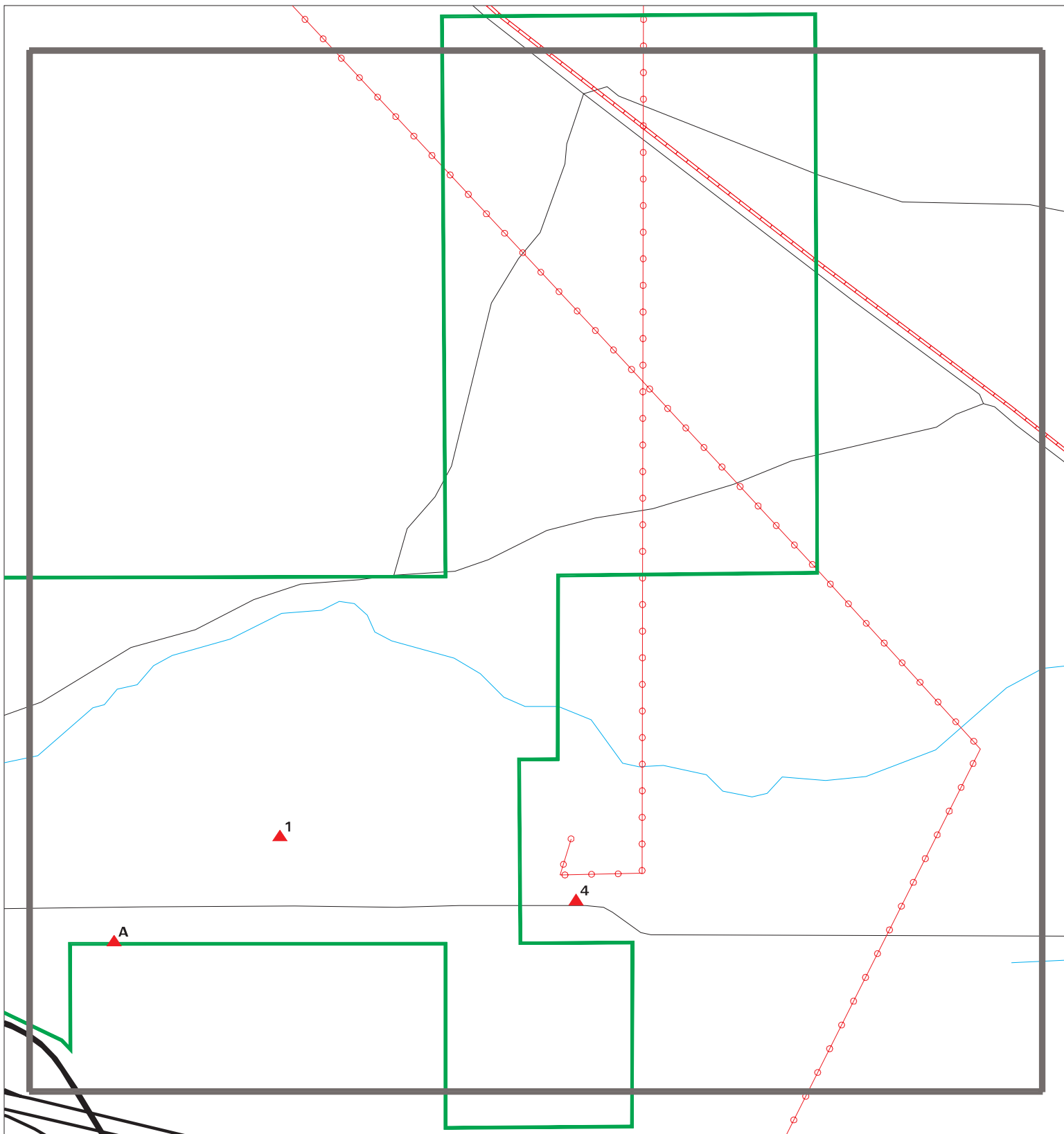
MAPPED SITES SUMMARY - FOCUS MAP 5











Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 6 - 7571300.2s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Crimson Orchard Solar
ADDRESS: Crimson Orchard Solar
CITY/STATE: Mountain Home ID
ZIP: 83647

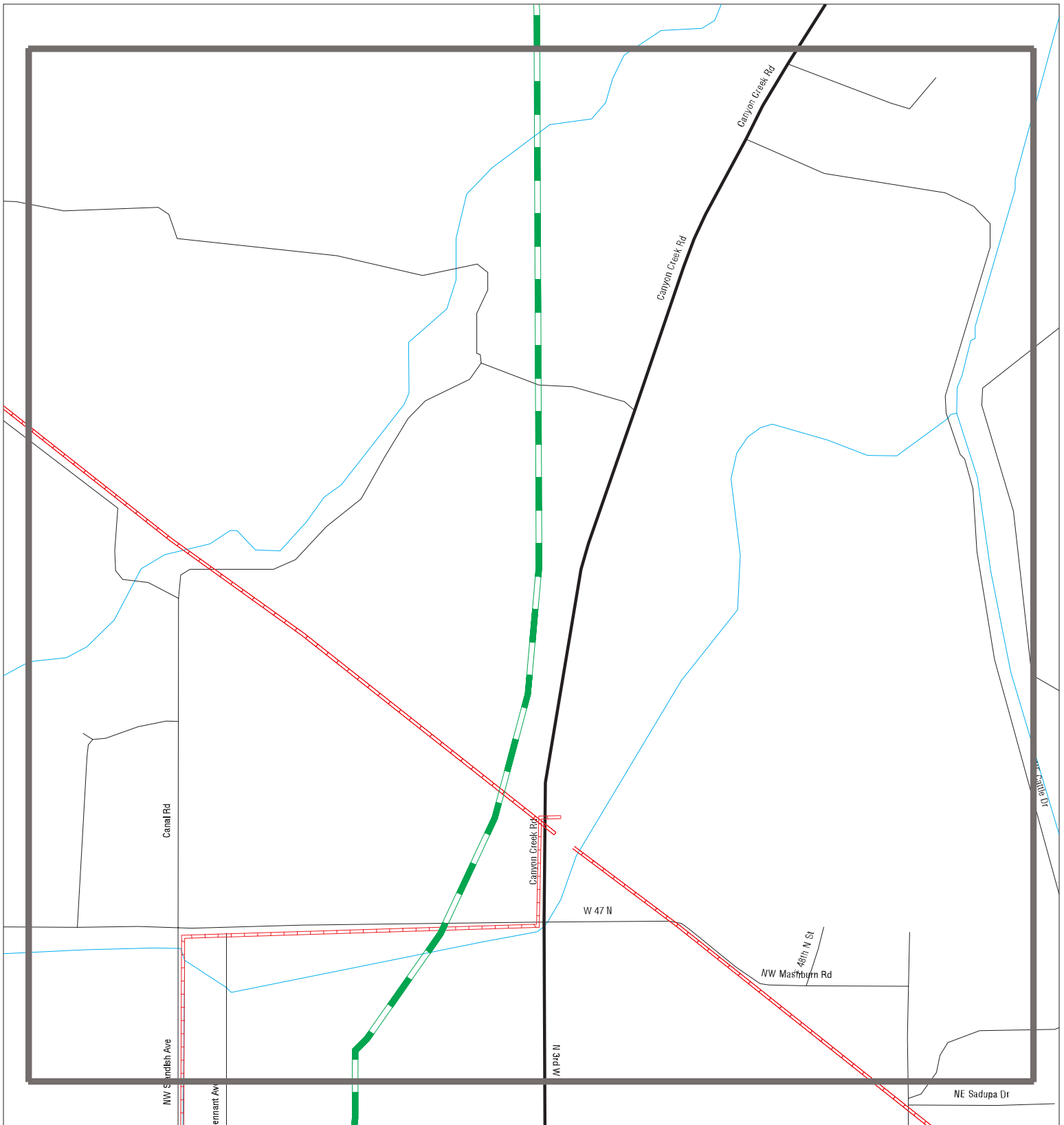
CLIENT: SWCA Environmental Consultants
CONTACT: Jack Schille
INQUIRY #: 7571300.2s
DATE: 02/16/24











MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
 CRIMSON ORCHARD SOLAR
 MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 6	IDAHO POWER CO - EVA	1862 MASHBURN RD	ICIS, US AIRS	TP
A2 / 6	MOUNTAIN HOME HIGHWA	1208 W MASHBURN RD	UST, ALLSITES, Financial Assurance	TP
A3 / 6	MOUNTAIN HOME MTCE Y	I-84 MP 90 SE EXIT 9	LUST, UST, SPILLS, Financial Assurance	TP
4 / 6	MOUNTAIN HOME HIGHWA	1208 W MASHBURN RD	UST FINDER	309 0.059 North

Focus Map - 7 - 7571300.2s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar
ADDRESS: Crimson Orchard Solar
CITY/STATE: Mountain Home ID
ZIP: 83647

CLIENT: SWCA Environmental Consultants
CONTACT: Jack Schille
INQUIRY #: 7571300.2s
DATE: 02/16/24

MAPPED SITES SUMMARY - FOCUS MAP 7











Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

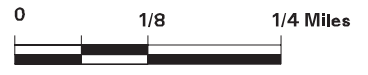
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 8 - 7571300.2s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar ADDRESS: Crimson Orchard Solar CITY/STATE: Mountain Home ID ZIP: 83647	CLIENT: SWCA Environmental Consultants CONTACT: Jack Schille INQUIRY #: 7571300.2s DATE: 02/16/24
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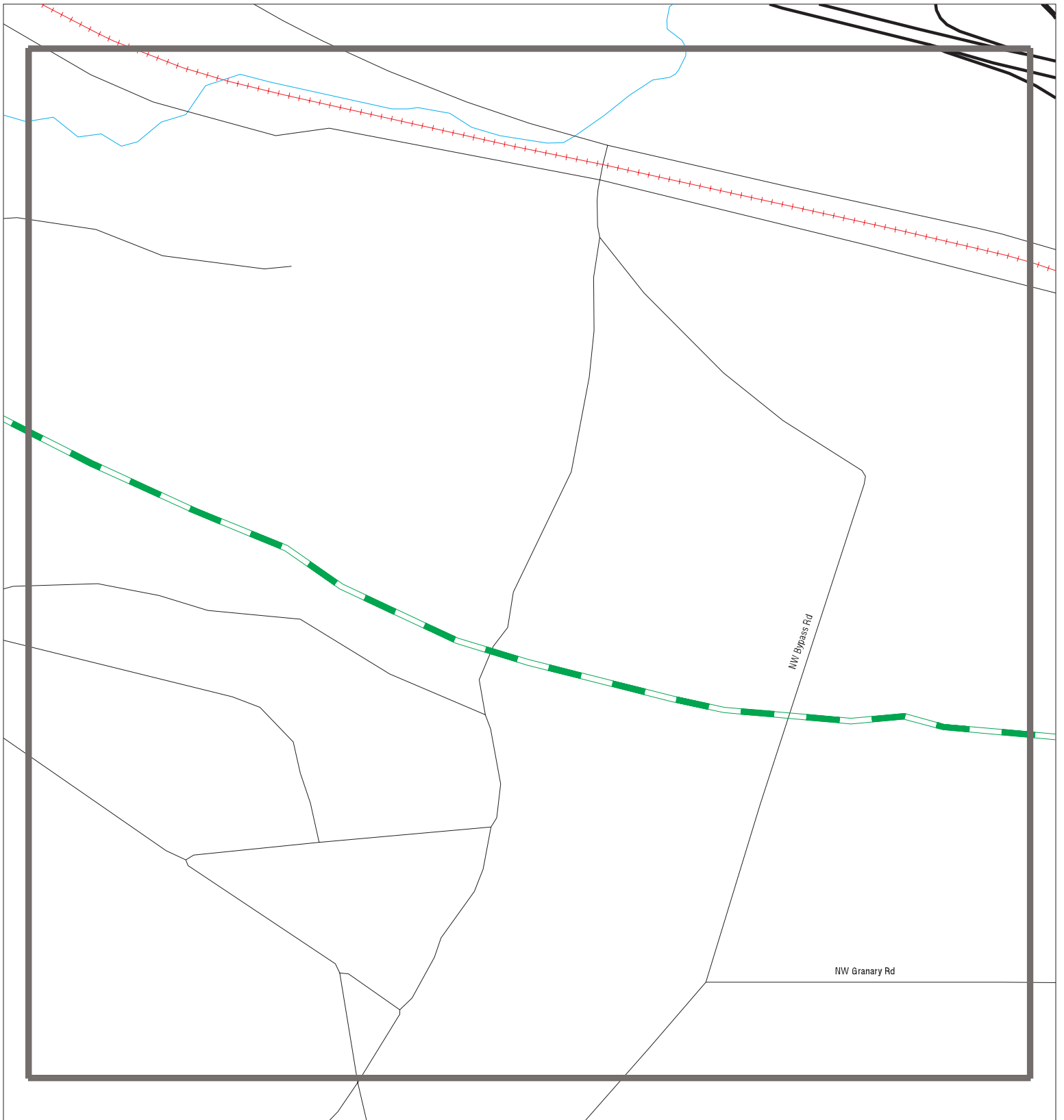
MAPPED SITES SUMMARY - FOCUS MAP 8











Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 9 - 7571300.2s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Crimson Orchard Solar
ADDRESS: Crimson Orchard Solar
CITY/STATE: Mountain Home ID
ZIP: 83647

CLIENT: SWCA Environmental Consultants
CONTACT: Jack Schille
INQUIRY #: 7571300.2s
DATE: 02/16/24

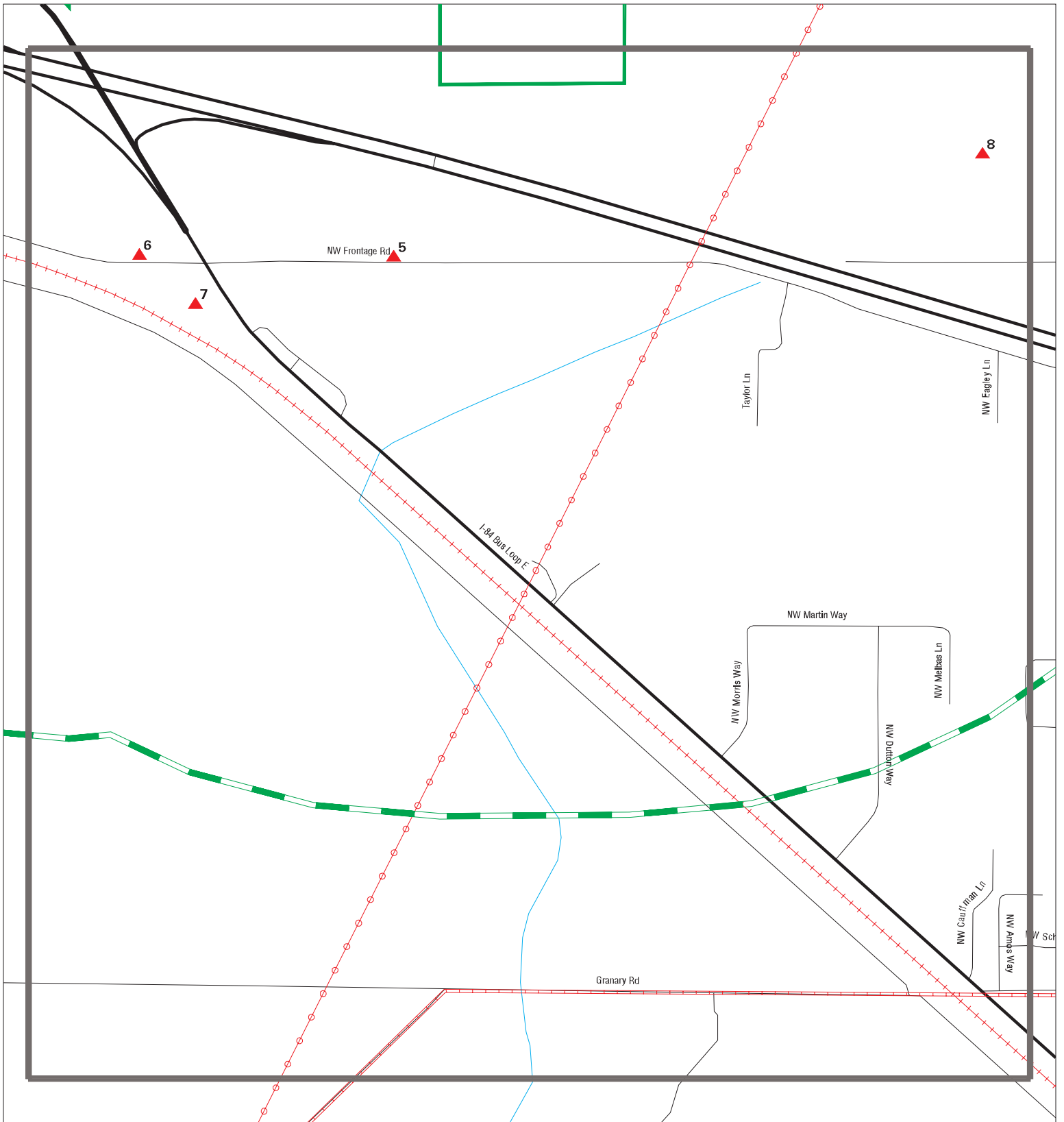
MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

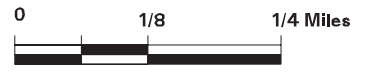
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 10 - 7571300.2s



- | | | |
|----------------------|-------------------|------------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | Pipe Line | National Priority List Sites |
| Focus Map - No Sites | | |



SITE NAME: Crimson Orchard Solar ADDRESS: Crimson Orchard Solar CITY/STATE: Mountain Home ID ZIP: 83647	CLIENT: SWCA Environmental Consultants CONTACT: Jack Schille INQUIRY #: 7571300.2s DATE: 02/16/24
--	--

MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
 CRIMSON ORCHARD SOLAR
 MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
5 / 10	ID TRANS DEPT MOUNTA	2596 NW FRONTAGE RD	ALLSITES	1280	0.242	SSW
6 / 10	DESERT WINDS CHEVRON	3872 DITTO CR RD	UST, ALLSITES, Financial Assurance	1854	0.351	SSE
7 / 10	HIDDLESTON & SON, IN	RT 3 BOX 610-D	UST, ALLSITES, Financial Assurance	2324	0.440	SSE
8 / 10	HIDDLESTON DRILLING	1240 NW BEAMAN ST	ALLSITES	2635	0.499	East

MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1 IDAHO POWER CO - EVANDER ANDREWS COMPLEX
Target 1862 MASHBURN RD
Property MOUNTAIN HOME, ID 83647

ICIS 1005832196
US AIRS N/A

Actual:
3202 ft.
Focus Map:
6

ICIS:

Enforcement Action ID: ID000A0000160390002400013
FRS ID: 110012152053
Action Name: IDAHO POWER CO - EVANDER ANDREWS COMPLEX 160390002400013
Facility Name: IDAHO POWER CO - EVANDER ANDREWS COMPLEX
Facility Address: 1862 MASHBURN RD
MOUNTAIN HOME, ID 83647
Enforcement Action Type: Notice of Violation
Facility County: ELMORE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 43.17923
Longitude in Decimal Degrees: -115.741692
Permit Type Desc: Not reported
Program System Acronym: ID0000001603900024
Facility NAICS Code: 221112
Tribal Land Code: Not reported

Enforcement Action ID: ID000A0000160390002400001
FRS ID: 110012152053
Action Name: IDAHO POWER CO - EVANDER ANDREWS COMPLEX 160390002400001
Facility Name: IDAHO POWER CO - EVANDER ANDREWS COMPLEX
Facility Address: 1862 MASHBURN RD
MOUNTAIN HOME, ID 83647
Enforcement Action Type: Administrative Order
Facility County: ELMORE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4911
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 43.17923
Longitude in Decimal Degrees: -115.741692
Permit Type Desc: Not reported
Program System Acronym: ID0000001603900024
Facility NAICS Code: 221112
Tribal Land Code: Not reported

US AIRS (AFS):

Region Code: 10
County Code: ID039
Programmatic ID: AIR ID0000001603900024
Facility Registry ID: 110012152053
D and B Number: Not reported
Facility Site Name: IDAHO POWER CO - EVANDER ANDREWS COMPLEX
Primary SIC Code: 4911
NAICS Code: 221112
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDAHO POWER CO - EVANDER ANDREWS COMPLEX (Continued)

1005832196

US AIRS (AFS):

Region Code: 10
Programmatic ID: AIR ID0000001603900024
Facility Registry ID: 110012152053
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

Air Program: Title V Permits
Activity Date: 2016-05-27 00:00:00
Activity Status Date: 2016-06-21 18:33:32
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2016-04-04 00:00:00
Activity Status Date: 2016-04-04 19:30:45
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Air Program: Title V Permits
Activity Date: 2015-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2014-12-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2014-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2014-02-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2014-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDAHO POWER CO - EVANDER ANDREWS COMPLEX (Continued)

1005832196

Activity Date: 2013-01-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2013-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2012-12-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2012-12-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2012-12-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2012-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2012-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2012-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2011-01-24 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDAHO POWER CO - EVANDER ANDREWS COMPLEX (Continued)

1005832196

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Prevention of Significant Deterioration of Air Quality
Activity Date:	2010-12-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2010-12-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	New Source Performance Standards
Activity Date:	2010-12-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2010-05-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2010-02-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2010-01-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2009-08-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2009-01-23 00:00:00
Activity Status Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDAHO POWER CO - EVANDER ANDREWS COMPLEX (Continued)

1005832196

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-12-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: New Source Performance Standards
Activity Date: 2008-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Prevention of Significant Deterioration of Air Quality
Activity Date: 2008-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Title V Permits
Activity Date: 2008-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDAHO POWER CO - EVANDER ANDREWS COMPLEX (Continued)

1005832196

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-02-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2007-02-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2007-01-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-01-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2006-10-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-10-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	New Source Performance Standards
Activity Date:	2006-10-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDAHO POWER CO - EVANDER ANDREWS COMPLEX (Continued)

1005832196

Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-10-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	New Source Performance Standards
Activity Date:	2006-10-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2006-10-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2006-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-03-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	Title V Permits
Activity Date:	2006-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2002-07-11 00:00:00
Activity Status Date:	2002-07-11 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IDAHO POWER CO - EVANDER ANDREWS COMPLEX (Continued)

1005832196

Air Program: New Source Performance Standards
Activity Date: 2002-07-11 00:00:00
Activity Status Date: 2002-07-11 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-05-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-06-14 00:00:00
Activity Status Date: 2001-06-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

A2 MOUNTAIN HOME HIGHWAY DIST
Target 1208 W MASHBURN RD
Property MOUNTAIN HOME, ID 83647

UST U003725414
ALLSITES N/A
Financial Assurance

Site 1 of 2 in cluster A

Actual: 3197 ft.
Focus Map: 6
UST:
Name: MOUNTAIN HOME HIGHWAY DIST
Address: 1208 W MASHBURN RD
City,State,Zip: MOUNTAIN HOME, ID 83647
Facility ID: 3-200041
Total Tanks: 2
Tank Status: Active

ALLSITES:
Name: MOUNTAIN HOME HWY DIST
Address: 1208 W MASHBURN RD
City,State,Zip: MOUNTAIN HOME, ID
Facility ID: 2011BAZ4573
Program: Underground Storage Tanks
All Programs for site: Underground Storage Tanks
Convant: Not reported
Latitude/Longitude: 43.178127 / -115.722442

ID Financial Assurance 2:

Financial Assurance2:
Region: 2
Name: MOUNTAIN HOME HIGHWAY DIST
Address: 1208 W MASHBURN RD
City,State,Zip: MOUNTAIN HOME, ID 83647
Facility Id: 3-200041
Insurance Type: State Fund
Facility Latitude: 43.17812700
Facility Longitude: -115.72244200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOUNTAIN HOME HIGHWAY DIST (Continued)

U003725414

Facility Phone: Not reported
Facility Type: Local Government
Facility Status: Active
SR NO: 3386
Date Certified: 02/10/2004
Financial Responsibility Expiration Date: 01/01/2023

A3 MOUNTAIN HOME MTCE YARD
Target I-84 MP 90 SE EXIT 90
Property MOUNTAIN HOME, ID 83647

LUST U003725426
UST N/A
SPILLS
Financial Assurance

Site 2 of 2 in cluster A

Actual: 3197 ft.
Focus Map: 6
LUST:
Name: MOUNTAIN HOME MTCE YARD
Address: I-84 MP 90 SE EXIT 90
City,State,Zip: MOUNTAIN HOME, ID 83647
Facility Id: 3-200055
Status: Site Cleanup Completed
Release Date: 04/04/1994
Cleanup Date: 11/14/1994
Cleanup Method: Not reported
Event ID: 551

UST:
Name: MOUNTAIN HOME MTCE YARD
Address: I-84 MP 90 SE EXIT 90
City,State,Zip: MOUNTAIN HOME, ID 83647
Facility ID: 3-200055
Total Tanks: 3
Tank Status: Closed

ID SPILL:
Program: Not reported
Contaminant: Petroleum
Facility ID: Not reported
Open Date: 4/4/1994
Close Date: 11/14/1994

ID Financial Assurance 2:

Financial Assurance2:
Region: 2
Name: MOUNTAIN HOME MTCE YARD
Address: I-84 MP 90 SE EXIT 90
City,State,Zip: MOUNTAIN HOME, ID 83647
Facility Id: 3-200055
Insurance Type: Other
Facility Latitude: 43.17004000
Facility Longitude: -115.73907000
Facility Phone: Not reported
Facility Type: State Government
Facility Status: Closure
SR NO: 3387
Date Certified: 04/30/1993
Financial Responsibility Expiration Date: 04/30/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4 **MOUNTAIN HOME HIGHWAY DIST**
North **1208 W MASHBURN RD**
< 1/8 **MOUNTAIN HOME, ID 83647**
0.059 mi.
309 ft.

UST FINDER **1028300241**
 N/A

Actual:
3208 ft.

Focus Map:
6

UST FINDER:
Object ID: 112305
Facility ID: ID3-200041
Name: MOUNTAIN HOME HIGHWAY DIST
Address: 1208 W MASHBURN RD
City,State,Zip: MOUNTAIN HOME, ID 83647
Address Match Type: StreetAddress
Open USTs: 2
Closed USTs: 0
TOS USTs: 0
Population 1500ft: 4
Private Wells 1500ft: 2
Within 100yr Floodplain: No
Land Use: Developed, Low Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: ID4200092_4129
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 170501011004
Facility Status: Open UST(s)
Date of Last Inspection: Not reported
EPA Region: 10
Tribe: Not reported
Coordinate Source: Geocode
X Coord: -115.7337628
Y Coord: 43.17797424
Latitude: 43.17797424
Longitude: -115.7337628

UST FINDER:
Object ID: 2283844
Facility ID: ID3-200041
Tank ID: ID3-200041_1
Tank Status: Open
Installation Date: 1985/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 12000
Substances: Diesel
Tank Wall Type: Single

Object ID: 2283845
Facility ID: ID3-200041
Tank ID: ID3-200041_2
Tank Status: Open
Installation Date: 1985/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 5000
Substances: E10 Regular
Tank Wall Type: Single

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

5 SSW 1/8-1/4 0.242 mi. 1280 ft.	ID TRANS DEPT MOUNTAIN HOME MTCE YARD 2596 NW FRONTAGE RD MOUNTAIN HOME, ID	ALLSITES	S113713390 N/A
---	--	-----------------	---------------------------------

Actual: 3201 ft. Focus Map: 10	ALLSITES: Name: ID TRANS DEPT MOUNTAIN HOME MTCE YARD Address: 2596 NW FRONTAGE RD City,State,Zip: MOUNTAIN HOME, ID Facility ID: 2011BAZ3093 Program: Leaking Underground Storage Tanks All Programs for site: General Remediation, Leaking Underground Storage Tanks, RCRA Hazardous Waste Site, Underground Storage Tanks Convant: Not reported Latitude/Longitude: 43.170523 / -115.738537	
---	---	--

6 SSE 1/4-1/2 0.351 mi. 1854 ft.	DESERT WINDS CHEVRON 3872 DITTO CR RD MOUNTAIN HOME, ID 83647	UST ALLSITES Financial Assurance	U003732924 N/A
---	--	---	---------------------------------

Actual: 3202 ft. Focus Map: 10	UST: Name: DESERT WINDS CHEVRON Address: 3872 DITTO CR RD City,State,Zip: MOUNTAIN HOME, ID 83647 Facility ID: 3-200614 Total Tanks: 3 Tank Status: Active ALLSITES: Name: DESERT WINDS CHEVRON Address: 3872 DITTO CR RD City,State,Zip: MOUNTAIN HOME, ID Facility ID: 2011BAZ1798 Program: Underground Storage Tanks All Programs for site: Underground Storage Tanks Convant: Not reported Latitude/Longitude: 43.17021 / -115.74544	
---	--	--

ID Financial Assurance 2:

Financial Assurance2:	
Region:	2
Name:	DESERT WINDS CHEVRON
Address:	3872 DITTO CR RD
City,State,Zip:	MOUNTAIN HOME, ID 83647
Facility Id:	3-200614
Insurance Type:	State Fund
Facility Latitude:	43.17021000
Facility Longitude:	-115.74544000
Facility Phone:	Not reported
Facility Type:	Gas Station
Facility Status:	Active
SR NO:	1328
Date Certified:	04/09/1998
Financial Responsibility Expiration Date:	05/01/2022

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

7 **HIDDLESTON & SON, INC.**
SSE **RT 3 BOX 610-D**
1/4-1/2 **MOUNTAIN HOME, ID 83647**
0.440 mi.
2324 ft.

UST **U003725417**
ALLSITES
Financial Assurance **N/A**

Actual: **UST:**
3201 ft. Name: **HIDDLESTON & SON, INC.**
Focus Map: Address: **RT 3 BOX 610-D**
10 City,State,Zip: **MOUNTAIN HOME, ID 83647**
 Facility ID: **3-200044**
 Total Tanks: **2**
 Tank Status: Closed

ALLSITES:
Name: **HIDDLESTON & SON INC**
Address: **RT 3 BOX 610-D**
City,State,Zip: **MOUNTAIN HOME, ID**
Facility ID: **2011BAZ2777**
Program: **Underground Storage Tanks**
All Programs for site: **Underground Storage Tanks**
Convant: **Not reported**
Latitude/Longitude: **43.12661 / -115.72118**

ID Financial Assurance 2:

Financial Assurance2:
Region: **2**
Name: **HIDDLESTON & SON, INC.**
Address: **RT 3 BOX 610-D**
City,State,Zip: **MOUNTAIN HOME, ID 83647**
Facility Id: **3-200044**
Insurance Type: **Self-Insured**
Facility Latitude: **43.12661000**
Facility Longitude: **-115.72118000**
Facility Phone: **Not reported**
Facility Type: **Contractor**
Facility Status: **Closure**
SR NO: **2067**
Date Certified: **06/03/1998**
Financial Responsibility Experation Date: **06/03/1998**

8 **HIDDLESTON DRILLING & PUMP**
East **1240 NW BEAMAN ST**
1/4-1/2 **MOUNTAIN HOME, ID**
0.499 mi.
2635 ft.

ALLSITES **S120822261**
N/A

Actual: **ALLSITES:**
3222 ft. Name: **HIDDLESTON DRILLING & PUMP**
Focus Map: Address: **1240 NW BEAMAN ST**
10 City,State,Zip: **MOUNTAIN HOME, ID**
 Facility ID: **2017BAZ39**
 Program: **Not reported**
 All Programs for site: **RCRA Hazardous Waste Site**
 Convant: **Not reported**
 Latitude/Longitude: **43.172158 / -115.722607**

Count: 1 records

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
ELMORE COUNTY	S130559410	AGUERO TRUCKING	SIMCO ROAD NEAR I-84 EXIT 74 NORTH SIDE		SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/26/2023	Source: EPA
Date Data Arrived at EDR: 01/02/2024	Telephone: N/A
Date Made Active in Reports: 01/24/2024	Last EDR Contact: 02/01/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/26/2023	Source: EPA
Date Data Arrived at EDR: 01/02/2024	Telephone: N/A
Date Made Active in Reports: 01/24/2024	Last EDR Contact: 02/01/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 02/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/20/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/01/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 800-424-9346
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 02/01/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/22/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023	Source: EPA
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023	Source: Department of the Navy
Date Data Arrived at EDR: 08/07/2023	Telephone: 843-820-7326
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 02/02/2024
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2023	Telephone: 703-603-0695
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 11/17/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 03/04/2024
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2023	Telephone: 703-603-0695
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 11/17/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 03/04/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/18/2023

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 09/20/2023

Telephone: 202-267-2180

Date Made Active in Reports: 12/11/2023

Last EDR Contact: 12/13/2023

Number of Days to Update: 82

Next Scheduled EDR Contact: 04/01/2024

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A

Source: Department of Environmental Quality

Date Data Arrived at EDR: N/A

Telephone: 208-373-0502

Date Made Active in Reports: N/A

Last EDR Contact: 11/21/2023

Number of Days to Update: N/A

Next Scheduled EDR Contact: 03/11/2024

Data Release Frequency: N/A

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/12/2023

Source: Department of Environmental Quality

Date Data Arrived at EDR: 08/29/2023

Telephone: 208-334-5860

Date Made Active in Reports: 11/13/2023

Last EDR Contact: 11/27/2023

Number of Days to Update: 76

Next Scheduled EDR Contact: 03/11/2024

Data Release Frequency: Annually

Lists of state and tribal leaking storage tanks

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank locations.

Date of Government Version: 06/20/2011

Source: Department of Environmental Quality

Date Data Arrived at EDR: 06/22/2011

Telephone: 208-373-0347

Date Made Active in Reports: 06/30/2011

Last EDR Contact: 11/21/2023

Number of Days to Update: 8

Next Scheduled EDR Contact: 03/11/2024

Data Release Frequency: Quarterly

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/25/2023

Source: Department of Environmental Quality

Date Data Arrived at EDR: 09/26/2023

Telephone: 208-373-0130

Date Made Active in Reports: 12/13/2023

Last EDR Contact: 12/20/2023

Number of Days to Update: 78

Next Scheduled EDR Contact: 04/08/2024

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-8677
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6271
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 11/16/2023	Source: FEMA
Date Data Arrived at EDR: 11/16/2023	Telephone: 202-646-5797
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 01/11/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

UST: Registered Underground Storage Tanks in Idaho

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/25/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/26/2023	Telephone: 208-373-0130
Date Made Active in Reports: 12/13/2023	Last EDR Contact: 12/20/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023	Source: EPA Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-6136
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls Restricting Use

Sites included in the Remediation Sites database that have institutional controls restricting use.

Date of Government Version: 11/22/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/22/2023	Telephone: 208-373-0347
Date Made Active in Reports: 02/14/2024	Last EDR Contact: 11/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/11/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/12/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

The Idaho Legislature created the Idaho land Remediation Act, DEQ's Voluntary Cleanup Program, to encourage innovation and cooperation between the state, local communities and private parties working to revitalize properties with hazardous substance or petroleum contamination.

Date of Government Version: 11/22/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/22/2023	Telephone: 208-373-0495
Date Made Active in Reports: 02/14/2024	Last EDR Contact: 11/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/11/2024
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Inventory

Brownfields are abandoned or underutilized properties where the reuse is complicated by actual or perceived environmental contamination. With the help of Idaho Counties, Cities, Economic Development Districts, Urban Renewal Entities, developers and brokers, DEQ is developing a comprehensive, statewide inventory of Brownfields.

Date of Government Version: 11/22/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/22/2023	Telephone: 208-373-0495
Date Made Active in Reports: 02/14/2024	Last EDR Contact: 11/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/11/2024
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 08/15/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2023	Telephone: 202-566-2777
Date Made Active in Reports: 12/01/2023	Last EDR Contact: 12/14/2023
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/25/2024
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Waste Tire Collection Sites

A listing of registered waste tire collection sites.

Date of Government Version: 03/15/2002	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/16/2004	Telephone: 208-373-0416
Date Made Active in Reports: 11/02/2004	Last EDR Contact: 02/05/2024
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: No Update Planned

HISTORICAL LANDFILL: Idaho Historical Landfills

A listing of older landfills. The listing has not been updated since July 1997.

Date of Government Version: 07/10/1997	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/21/2002	Telephone: 208-373-0502
Date Made Active in Reports: 03/27/2002	Last EDR Contact: 04/14/2022
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/04/2009
	Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/26/2024
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/11/2024
Number of Days to Update: 137	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/17/2024
Number of Days to Update: 176	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/17/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: No Update Planned

ALLSITES: Remediation Database

Idaho's remediation database is a compilation of data on all the state and delegated federal remediation programs operated by the DEQ. Programs included are AST, Brownfield, ER, General Remediation, LUST, Mining, Miscellaneous, RCRA, Solid Waste, UST and VCP.

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/14/2024
Number of Days to Update: 84

Source: Department of Environmental Quality
Telephone: 208-373-0309
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

CDL 2: Clandestine Drug (Meth) Laboratory Site Property List

A listing of clandestine drug lab site locations.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 75

Source: Dept of Health & Welfare
Telephone: 208-334-5500
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

These are labs in which the Idaho State Police have investigated.

Date of Government Version: 07/22/2010
Date Data Arrived at EDR: 10/01/2010
Date Made Active in Reports: 10/29/2010
Number of Days to Update: 28

Source: Idaho State Police
Telephone: 208-884-7000
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/17/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/14/2023
Date Data Arrived at EDR: 12/22/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

SPILLS 2: Hazardous Material Spills/Releases Information

Hazardous material spills

Date of Government Version: 08/23/2023
Date Data Arrived at EDR: 08/29/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 77

Source: Department of Health & Welfare
Telephone: 208-334-5564
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

SPILLS: Spills Data

A listing of hazardous materials spills, releases or accidents as reported to the State of Idaho's central Communications Center.

Date of Government Version: 06/20/2011
Date Data Arrived at EDR: 06/22/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/28/2023	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 11/10/2023	Telephone: 202-528-4285
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 02/13/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 05/27/2024
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 01/10/2024
Number of Days to Update: 239	Next Scheduled EDR Contact: 04/22/2024
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 01/05/2024
Number of Days to Update: 574	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/06/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/18/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/20/2023	Telephone: 202-566-1917
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/13/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/01/2024
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 09/01/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/27/2023	Telephone: 202-564-8600
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 01/12/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 04/19/2024
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 02/01/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 01/05/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/26/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/19/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/02/2024
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 01/29/2024
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/15/2024
Number of Days to Update: 74	Next Scheduled EDR Contact: 05/27/2024
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/26/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/02/2024	Telephone: 703-603-8787
Date Made Active in Reports: 01/24/2024	Last EDR Contact: 02/01/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/01/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 12

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/10/2023
Date Data Arrived at EDR: 11/10/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 89

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Sites Listing

A listing of sites where PFAS contamination has been identified in soil and water.

Date of Government Version: 08/17/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 12/05/2023
Number of Days to Update: 88

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

AIRS: Permitted Sources & Emissions Listing Permit and emissions inventory data.

Date of Government Version: 09/12/2023
Date Data Arrived at EDR: 09/15/2023
Date Made Active in Reports: 12/13/2023
Number of Days to Update: 89

Source: Department of Environmental Quality
Telephone: 208-373-0253
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Listing

A listing of drycleaner locations.

Date of Government Version: 07/06/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 07/28/2009
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 208-373-0211
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 10/26/2023
Date Made Active in Reports: 01/22/2024
Number of Days to Update: 88

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 10/26/2023
Date Made Active in Reports: 01/22/2024
Number of Days to Update: 88

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 12/19/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 06/19/2012
Number of Days to Update: 25

Source: Bureau of Homeland Security
Telephone: 208-422-3040
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

UIC: Underground Injection Wells Database Listing

Deep and shallow underground injection wells locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 10/27/2023
Date Made Active in Reports: 01/22/2024
Number of Days to Update: 87

Source: Department of Water Resources
Telephone: 208-287-4932
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Idaho.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Idaho.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

Oil/Gas Pipelines

Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care List

Source: Department of Health and Welfare
Telephone: 208-332-7205

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Water Resources
Telephone: 208-287-4800

STREET AND ADDRESS INFORMATION

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APPENDIX F

Property Photographs



Photo 1. View of the powerlines on the southwest boundary of the subject property, facing west.



Photo 2. View of the powerlines and access road on south of subject property, facing east.



Photo 3. View of abandoned farm pond on west of subject property, facing south.



Photo 4. Water AST on western portion of subject property.



Photo 5. Dry creek diverted through crop land, view facing northeast.



Photo 6. Pump house and clean out for on-site well.



Photo 7. Interior of pump house for on-site well.



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Photo 11. Building debris in the southwest portion of the subject property.



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Photo 13. Natural gas tie-in for the power plant on the eastern portion of the subject property.



Photo 14. Idaho Power power plant on the eastern boundary of the subject property.



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Photo 16. Transmission lines and natural gas pipeline connection, view facing north.




Photo 17. Natural gas pipeline access area, view facing north.



Photo 18. Natural gas pipeline, view facing north.



Photo 19. Petroleum pipeline, view facing east.



Phase I Environmental Site
Assessment for the
Crimson Orchard Solar Project South
Area, Elmore County, Idaho

JUNE 2024

PREPARED FOR

Crimson Orchard Solar LLC

PREPARED BY

SWCA Environmental Consultants

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR THE CRIMSON ORCHARD SOLAR PROJECT SOUTH
AREA, ELMORE COUNTY, IDAHO**

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SWCA Project No. 86256

June 2024

EXECUTIVE SUMMARY

This executive summary presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the southern area of the Crimson Orchard Solar Project, a proposed solar energy generation facility in southwestern Elmore County, Idaho (the “subject property”). The subject property is within Section 8, Township 3 South, Range 6 East, and consists of approximately 192 acres of primarily vacant land, possibly used for grazing. Interstate 84 adjoins the northern boundary of the subject property, and railroad tracks adjoin the south. Ditto Creek Road, labeled on some maps as Old Oregon Trail Highway, runs northwest-southeast through the southwest portion of the subject property. Electrical transmission lines run along the north side of Ditto Creek Road (Old Oregon Trail Highway) and east-west across the central portion of the subject property.

The purpose of this Phase I ESA is to satisfy part of the due diligence requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act liability.

The following list presents selected primary findings of this Phase I ESA:

- SWCA's review of historical topographic maps and aerial photographs dating from 1892 to 2023 found that the subject property appears to have been vacant land. The past uses of the subject property are not considered to be a recognized environmental condition (REC).
- SWCA's contact with Cara Mahler, representing Clenera, LLC, on May 29, 2024, and Ronald Parks, representing property owner J.R. Simplot Company, on June 12, 2024, did not identify anything that SWCA considers to be a REC.
- SWCA's review of a June 7, 2024, Environmental Data Resources, LLC environmental database search report and supplemental records from state and federal regulatory databases identified no relevant listings within the standard search distances.
- SWCA's reconnaissance of the subject property on May 23, 2024, confirmed that it is vacant grazing land traversed by a road and electrical transmission line, surrounded by roads, railroad tracks, and similarly vacant properties. No hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the site reconnaissance. SWCA did not identify any RECs during the site reconnaissance.

The information presented in this report is intended for the exclusive use of Crimson Orchard Solar LLC; Clenera, LLC; Idaho Power; and their affiliates, underwriters, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. This Phase I ESA report is viable for 180 days following the earliest date of any of the following components of all appropriate inquiries: interviews, the environmental records review, the site reconnaissance, and the declaration of the Environmental Professional. **This Phase I ESA report is viable for 180 days following May 23, 2024** (date of the site reconnaissance).

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM International Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed no RECs, controlled RECs, or significant data gaps in connection with the subject property.**

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1 INTRODUCTION

This executive summary presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the southern area of the Crimson Orchard Solar Project, a proposed solar energy generation facility in southwestern Elmore County, Idaho (the “subject property”). The subject property is within Section 8, Township 3 South, Range 6 East, and consists of approximately 192 acres of primarily vacant land, possibly used for grazing. Interstate 84 adjoins the northern boundary of the subject property, and railroad tracks adjoin the south. Ditto Creek Road, labeled on some maps as Old Oregon Trail Highway, runs northwest-southeast through the southwest portion of the subject property. Electrical transmission lines run along the north side of Ditto Creek Road (Old Oregon Trail Highway) and east-west across the central portion of the subject property.

1.1 Purpose

The purpose of this Phase I ESA is to satisfy part of the due diligence requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability.

The Phase I ESA generally follows the standards described in ASTM International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2021). The goal of the processes established by this practice is to assess the property, to the extent feasible pursuant to the processes prescribed in ASTM Standard E1527-21, for the presence of recognized environmental conditions (RECs). A REC is defined in the ASTM standard as “(1) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* to the *environment*; (2) the likely presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* or likely *release* to the *environment*; or (3) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* under conditions that pose a *material threat* of a future *release* to the *environment*.” De minimis conditions, which generally do not present a threat to human health or the environment and generally would not be the subject of enforcement actions if brought to the attention of appropriate regulating agencies, are not RECs.

This Phase I ESA did not include observation, assessment, or reporting of issues identified in the ASTM standard as non-scope considerations, such as asbestos-containing materials, lead-based paint, naturally occurring radon, non-hazardous wastes and materials, mold or microbial growth conditions, biological agents, and medical wastes. No soil, air, or water samples were collected for this Phase I ESA.

1.2 Scope of Work

SWCA completed this Phase I ESA in accordance with the scope of work included in Appendix A. Deletions or deviations from ASTM Standard E1527-21 are documented in Section 1.3 of this report. To achieve the objective referenced above, SWCA completed the following tasks:

- Requested ASTM-specified information from the user of this report
- Surveyed relevant documents to assess the subject property’s physical setting
- Reviewed historical topographic maps and historical aerial photographs
- Conducted appropriate interviews
- Reviewed appropriate federal and state environmental records

- Completed a reconnaissance of the subject property and observed adjoining properties
- Prepared this Phase I ESA report and referenced all information sources herein

SWCA warrants that a qualified Environmental Professional was responsible for the preparation of this report in conformance with ethical business practices and industry standards. Appendix B contains the credentials of the Environmental Professional responsible for the preparation of this report.

1.3 Limitations

Some standard sources are not readily available and thus were not used to prepare this Phase I ESA. Data gaps, limitations, and deviations from the ASTM standard include the following:

- SWCA was not provided with title reports or judicial records of environmental liens and activity and use limitations (AULs).
- Because of the lack of available aerial photographs and U.S. Geological Survey (USGS) topographic maps, the commonly used 5-year interval between photographs and topographic map dates could not be followed for all photographs and maps reviewed. Although some uses can be determined, the resolution of historical aerial photographs limits SWCA's ability to identify on-site details.
- Based on our professional experience with similar historically undeveloped properties, Sanborn Map Company (Sanborn) fire insurance maps were assumed to not be available for the subject property, and a city directory search would not have yielded useful information.
- As is customary with large-scale rural projects, the site reconnaissance focused on pre-identified areas of the subject property and adjoining properties with indications of activity that could have resulted in the presence of a REC, especially areas where hazardous substances or petroleum products may be used, handled, managed, or stored or may have been used, handled, managed, or stored in the past. SWCA did not walk transects of all vacant undeveloped portions of the subject property. Therefore, not all land surfaces were directly observed.

Although SWCA's scope of work precludes SWCA from providing a warranty or guarantee regarding the presence or absence of hazardous materials that could potentially affect the subject property, SWCA has provided its best professional judgement on the presence or absence of such materials. This Phase I ESA was not performed to provide a comprehensive evaluation of business environmental risk.

Because alternatives to standard sources served as a solid basis of learning past property uses and conditions, and because supplemental data sources provided sufficient information, these gaps in the data are not considered to be significant and are not thought to have affected SWCA's ability to identify RECs on the subject property. SWCA's findings and conclusions within this assessment do not take into consideration the limitations identified in this report.

1.4 User Reliance

The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other location. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the site reconnaissance and data source searches. Findings and conclusions are based solely on the above-referenced methods.

The information presented in this report is intended for the exclusive use of Crimson Orchard Solar LLC; Clenera, LLC; Idaho Power; and their affiliates, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. If the Phase I ESA will be relied upon by a different party than the user for whom the Phase I ESA was originally prepared, that party must also satisfy the user's responsibilities in Section 6 of ASTM Standard E1527-21.

This Phase I ESA report is valid for 180 days following the earliest date of any of the following components of AAI: interviews, the environmental records review, the site reconnaissance, and the declaration of the Environmental Professional. **This Phase I ESA report is viable for 180 days following May 23, 2024** (date of the site reconnaissance). Continued viability of this report is subject to ASTM Standard E1527-21, Sections 4.6 through 4.8. The validity of the report can be renewed by updating the components of AAI listed above.

2 PROPERTY DESCRIPTION

The subject property consists of approximately 192 acres of mostly vacant land in southwestern Elmore County, Idaho. Ditto Creek Road, labeled on some maps as Old Oregon Trail Highway, runs northwest-southeast through the southwest portion of the subject property. Electrical transmission lines run along the north side of Ditto Creek Road (Old Oregon Trail Highway) and east-west across the central portion of the subject property.

The subject property is adjoined by several transportation corridors, including Interstate 84 to the north, Northwest Mashburn Road to the east, and railroad tracks to the south. Vacant agricultural or grazing land adjoins the subject property in all directions.

Elmore County identifies the subject property as the central portion of the 384-acre Parcel No. RP03S06E081890, owned by J.R. Simplot Company (Elmore County 2024). The subject property is depicted in Figures 1 and 2, and parcel details from Elmore County are provided in Appendix C.

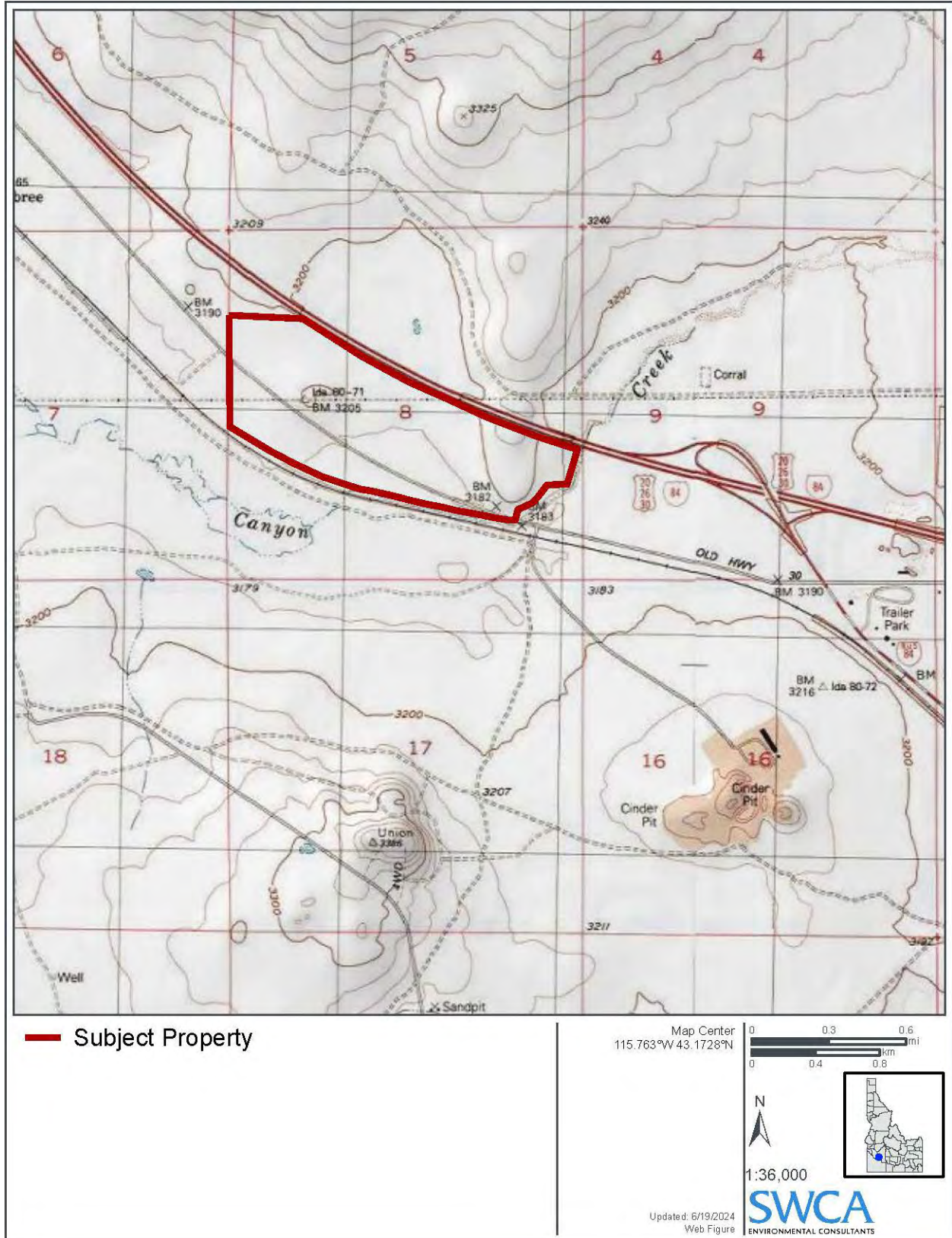


Figure 1. Topographic map of the subject property.

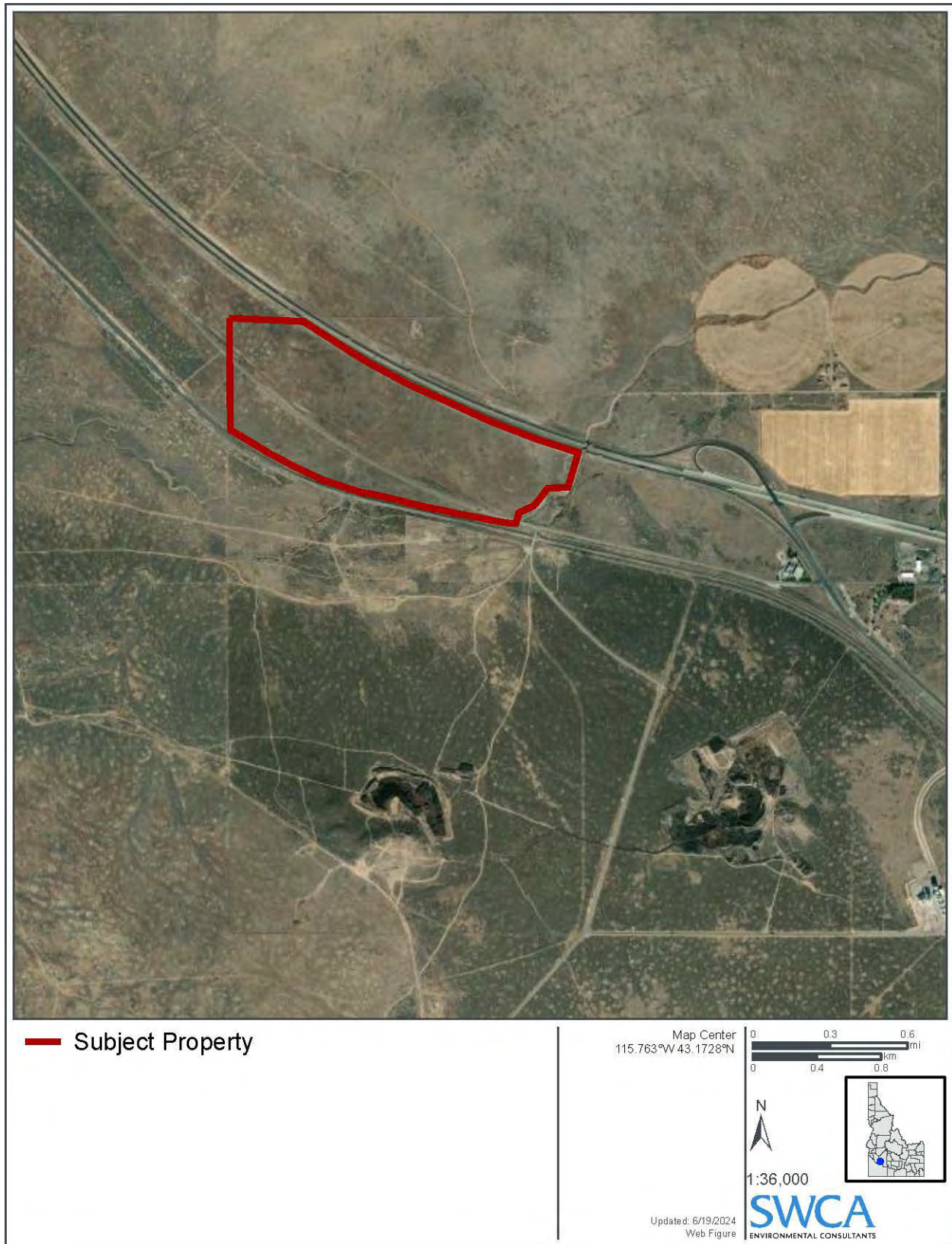


Figure 2. Aerial photograph of the subject property.

3 PHYSICAL SETTING ANALYSIS

SWCA reviewed pertinent key physical characteristics of the subject property, as obtained from available natural history information sources.

3.1 Topography

The subject property is located northwest of Mountain Home, Idaho. USGS topographic maps of the region (USGS 2024a) indicate that the subject property and surrounding area are relatively flat with a gentle slope to the south. The subject property lies in the broad Snake River Valley, near the base of Lockman Butte and a second unnamed butte, which are situated to the northeast and north of the subject property, respectively. Elevations on the subject property range from approximately 3,180 feet above mean sea level to 3,230 feet above mean sea level.

3.2 Geology and Hydrogeology

Mineral resources spatial data from the USGS indicate that the subject property is mapped as basalt. This mapping unit is described as flows and cinder cones of olivine tholeiite basalt in and near the Snake River Plain (Pleistocene and Pliocene) (USGS 2024b).

Generally, groundwater flow direction has been inferred based on topography in the vicinity of the subject property with the assumption that shallow groundwater flow will follow surface topography. Based on the topography of the subject property and vicinity, shallow groundwater likely flows primarily south (USGS 2024a).

State water well registry data indicates three water wells (Well IDs: 394292, 432247, 378198) located in the central and northeastern portions of the subject property. Available documentation indicates that Well 394292 was drilled in 1986 at a depth of 540 feet for domestic use by Lava Flow Products; no other information was provided. Well 432247 is owned by J.R. Simplot Company, and no information pertaining depth or construction date was provided. Available information indicates that Well 378198 near the northeastern corner of the subject property was drilled in 2003 at a depth of 472 feet and is owned by Phillip and Lez Rahn for domestic use (Idaho Department of Water Resources 2024).

3.3 Soils

Natural Resources Conservation Service (NRCS) Web Soil Survey data indicate that the predominant soil map units within the subject property are Colthorp-Minveno silt loams and the Chilcott-Power complex, with small areas of Buko fine sandy loam and the Power-Jenness complex. These soil types are described in Table 1.

Location-specific soil data are readily available from the NRCS (2024a, 2024b) and via an interactive KMZ file from the California Soil Resource Lab (2024).

Table 1. Predominant Soil Types on the Subject Property

Soil Series Name	Description
Buko	Moderately deep, well-drained soils that formed in material weathered from calcareous mixed alluvium. Permeability is moderately slow.
Chilcott	Moderately deep to duripan, well-drained soils that formed in a thin mantle of loess and silty alluvium from loess and weathered volcanic ash over loamy or sandy and gravelly alluvium from igneous materials. Permeability is slow.
Colthorp	Shallow to duripan, well-drained soils on basalt plains and terraces. Permeability is moderately slow.
Jenness	Very deep, well-drained soils on bottomlands, low terraces, and alluvial fans that formed in alluvium and colluvium from acid igneous rocks. Permeability is moderate.
Minveno	Shallow to duripan, well-drained soils on plains, buttes, benches, terraces, and hills. Permeability is moderate.
Power	Very deep, well-drained soils on plains and valleys that formed in silty alluvium from loess and weathered volcanic ash over loamy alluvium from igneous materials. Permeability is moderately slow.

Source: NRCS (2024b)

4 HISTORICAL PROPERTY USES AND RECORDS REVIEW

The history of the subject property and adjoining properties was reviewed in accordance with the ASTM standard, except as noted in Section 1.3. Historical uses of the subject property were determined based on a review of readily available, reasonably ascertainable data, including topographic maps, aerial photographs, and interviews.

4.1 Historical Topographic Map Review

SWCA reviewed USGS topographic maps of the area dated 1892 through 2020, provided by the USGS (2024a) and Nationwide Environmental Title Research, LLC (2024). The subject property and vicinity are mostly depicted as undeveloped land in 1892, with the exception of a road depicted in the location of the present-day Ditto Creek Road (Old Oregon Trail Highway) and railroad tracks depicted south of the subject property. No significant changes are visible on topographic maps dated 1957 through 1973, with the exception that a transmission line is depicted running east-west through the central portion of the subject property. The 1979 topographic map depicts Interstate 84 adjoining the north in its current configuration.

No additional significant changes to the subject property or adjoining properties were noted in SWCA's review of the remaining topographic maps dated 1992 through 2020, with the exception that the east-west transmission line is no longer noted on the maps.

4.2 Historical Aerial Photograph Review

SWCA reviewed available aerial photographs of the subject property dating from 1957 through 2023 (Google Earth 2024; Nationwide Environmental Title Research LLC 2024). In the 1957 aerial photograph, the subject property and vicinity were primarily undeveloped land except for the on-site and adjoining transportation corridors. Specifically, roads and railroad tracks were visible in the present-day locations of Interstate 84, Northwest Mashburn Road, Ditto Creek Road (Old Oregon Trail Highway), and the railroad tracks to the south. Interstate 84 appeared to be a two-lane road at that time. By the next available aerial photograph dated 1984, Interstate 84 appears to be in its current configuration. No other significant changes are visible on the subject property or adjoining properties in the 1984 through 2023 aerial photographs.

4.3 Previous Phase I Environmental Site Assessment Reports

SWCA was not provided with previous Phase I ESA reports or other relevant environmental reports for review.

4.4 Interviews

Cara Mahler, a representative of Clenera, LLC, a user of the Phase I ESA, completed a Phase I ESA User Questionnaire regarding the subject property on May 29, 2024. C. Mahler is not aware of any past uses of the subject property other than grazing. C. Mahler does not know of any significant spills or chemical releases, or environmental cleanups that have occurred on the subject property, nor of any obvious indicators that point to the presence or likely presence of contamination at the property.

Ronald Parks, a representative of J.R. Simplot Company (landowner), completed a Phase I ESA Landowner Questionnaire regarding the subject property on June 12, 2024. R. Parks noted that the subject property has never been industrial in use, and hazardous materials or petroleum products have not been stored on or used at the property. R. Parks also indicated that the property has not been impacted by any spills or releases and that there is no known potential for contamination, to the best of their knowledge.

Documentation of the above correspondence is provided in Appendix D.

4.5 Environmental Liens and Activity and Use Limitations

Completion of searches for recorded environmental liens and AULs is a responsibility of the user of a Phase I ESA. It is the user's responsibility to obtain and review title records back to 1980 (the year the CERCLA was enacted). SWCA was not provided with the results of environmental lien and AUL searches for the subject property. However, Ron Parks of J.R. Simplot Company (landowner), indicated on June 12, 2024, that he is not aware of any environmental cleanup liens or AULs for the subject property.

5 ENVIRONMENTAL RECORDS REVIEW

SWCA conducted an environmental records review to establish the environmental history of the subject property and surrounding area to ascertain whether hazardous waste or hazardous material management, handling, treatment, or disposal activities have occurred on or near the subject property.

5.1 Federal and State Environmental Records

An environmental database search report generated by Environmental Data Resources, LLC (EDR) on June 7, 2024, was used to access environmental records for the subject property and surrounding properties. The databases searched by EDR include those specified by ASTM Standard E1527-21, as well as several additional federal and state databases and databases proprietary to EDR. EDR updates its records in accordance with ASTM Standard E1527-21 guidelines, and ASTM standard search distances were followed, as detailed in Table 2.

Table 2. Approximate Minimum Search Distances

Record Sources	Approximate Minimum Search Distance (miles)
Federal Databases	
National Priorities List (NPL)	1.0
Delisted NPL	0.5
CERCLA / CERCLA No Further Remedial Action Planned (NFRAP) sites	0.5
Resource Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) facilities	1.0
RCRA non-CORRACTS Treatment Storage and Disposal facilities	0.5
RCRA generators list	subject property and adjoining
Institutional control / Engineering control registries	subject property only
Emergency Response Notification System (ERNS)	subject property only
State and Tribal Databases	
NPL / "Superfund" state equivalent	1.0
Hazardous waste facilities	0.5
Landfill and solid waste disposal site lists	0.5
Leaking storage tank lists	0.5
Registered storage tank lists	subject property and adjoining
Institutional control / Engineering control registries	subject property only
Voluntary cleanup sites	0.5
Brownfield sites	0.5

Source: ASTM (2021)

SWCA supplemented the EDR database report with a review of records from the National Pipeline Mapping System (U.S. Department of Transportation 2024), Idaho Department of Environmental Quality (2024), Idaho Oil and Gas Commission (2024), and the U.S. Environmental Protection Agency (2024a–2024d). Facilities listed in the environmental databases are described below, and Section 7 addresses their potential to be RECs. A copy of the EDR report is provided in Appendix E.

5.2 Environmental Database Listings

SWCA’s review of the EDR database search report and supplemental records from state and federal regulatory databases revealed no listings within the standard search distances.

6 PROPERTY RECONNAISSANCE

Priscilla Castro and Zach Vise of SWCA completed a Phase I ESA site investigation for the subject property on May 23, 2024. The subject property was accessed by on-site roads and by walking throughout the site. Photographs taken during the property reconnaissance are included in Appendix F.

6.1 Property Inspection

The subject property is primarily vacant land, dominated by grassland and scattered brush and possibly used for grazing. Ditto Creek Road, also known as Old Oregon Trail Highway, runs northwest-southeast

through the southwest portion of the subject property, and an electrical transmission line parallels the north side of the road. Additionally, an electrical transmission line runs east-west through the central portion of the subject property.

The subject property is bound to the north/northeast by Interstate 84, with scattered trash and debris observed along the highway right-of-way. Off-site railroad tracks adjoin the southern boundary of the subject property. No evidence of spills, ground staining, unusual odors, or stressed vegetation was observed in the vicinity of the railroad tracks or on the subject property during the site reconnaissance (Table 3).

Table 3. Features, Activities, Uses, and Conditions on the Subject Property

Item	Present	Notes
Structures	No	Not applicable (N/A)
Roads	Yes	Ditto Creek Road (Old Oregon Trail Highway)
Potable water supply/source	No	N/A
Sewage disposal system	No	N/A
Hazardous substances and petroleum products in connection with identified uses	No	N/A
Storage tanks	No	N/A
Strong, pungent, or noxious odors	No	N/A
Standing surface water and pools or sumps containing liquids likely to be hazardous substances or petroleum products	No	N/A
Drums, totes, and intermediate bulk containers	No	N/A
Hazardous substance and petroleum product containers not in connection with identified uses	No	N/A
Unidentified substance containers	No	N/A
Polychlorinated Biphenyl (PCB)-containing items	No	N/A
Heating/cooling	No	N/A
Stains or corrosion on floors, walls, or ceilings (not water)	No	N/A
Drains and sumps	No	N/A
Pits, ponds, or lagoons	No	N/A
Stained soil or pavement	No	N/A
Unduly stressed vegetation	No	N/A
Solid waste disposal	No	N/A
Water/wastewater discharge	No	N/A
Wells	May be present	Not observed
Septic systems or cesspools	No	N/A

7 PHASE I ENVIRONMENTAL SITE ASSESSMENT FINDINGS

The following list presents selected primary findings of this Phase I ESA:

- SWCA's review of historical topographic maps and aerial photographs dating from 1892 to 2023 found that the subject property appears to have been vacant land. The past uses of the subject property are not considered to be a REC.
- SWCA's contact with Cara Mahler, representing Clenera, LLC, on May 29, 2024, and Ronald Parks, representing property owner J.R. Simplot Company, on June 12, 2024, did not identify anything that SWCA considers to be a REC.
- SWCA's review of a June 7, 2024, EDR environmental database search report and supplemental records from state and federal regulatory databases identified no relevant listings within the standard search distances.
- SWCA's reconnaissance of the subject property on May 23, 2024, confirmed that it is vacant grazing land traversed by a road and electrical transmission line, surrounded by roads, railroad tracks, and similarly vacant properties. No hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the site reconnaissance. SWCA did not identify any RECs during the site reconnaissance.

8 PHASE I ENVIRONMENTAL SITE ASSESSMENT CONCLUSIONS

SWCA has completed a Phase I ESA of the subject property based on information obtained during the site investigation and the information obtained through the activities of this Phase I ESA, excluding the limitations. The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other site. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the site reconnaissance and data source searches.

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM International Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed no RECs, controlled RECs, or significant data gaps in connection with the subject property.**

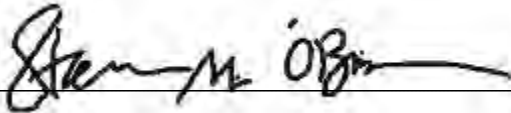
9 LITERATURE CITED

- ASTM International (ASTM). 2021. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Document No. E1527-21. West Conshohocken, Pennsylvania: ASTM International.
- California Soil Resource Lab. 2024. SoilWeb, including U.S. Department of Agriculture–National Cooperative Soil Survey Geographic Database (SSURGO) and State Soil Geographic Database (STATSGO) Soil Survey Data for Google Earth. Available at: https://casoilresource.lawr.ucdavis.edu/soil_web/kml/SoilWeb.kmz. Accessed June 2024.
- Elmore County. 2024. Elmore County Parcel Viewer. Available at: <https://experience.arcgis.com/experience/6ee0ae6fb7184ccea3c640f0345f0392>. Accessed June 2024.
- Google Earth. 2024. U.S. Department of State Geographer Image Landsat. Available at: <https://www.google.com/earth>. Accessed June 2024.
- Idaho Department of Environmental Quality. 2024. Terradex Idaho. Available at: <https://idaho.terradex.com/>. Accessed June 2024.
- Idaho Department of Water Resources. 2024. Find a Well Map. Available at: <https://idwr.idaho.gov/wells/find-a-well-map/>. Accessed June 2024.
- Idaho Oil and Gas Conservation Commission. 2024. Data Explorer. <http://welldata.ogcc.idaho.gov/>. Accessed June 2024.
- Nationwide Environmental Title Research, LLC. 2024. Historic Aerial Photographs Viewer. Available at: <https://www.historicaerials.com/viewer>. Accessed June 2024.
- Natural Resources Conservation Service (NRCS). 2024a. Web soil survey. National Cooperative Soil Survey. Available at: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Accessed June 2024.
- . 2024b. Official Soil Series Descriptions. Available at: <https://soilseries.sc.egov.usda.gov/osdlist.aspx>. Accessed June 2024.
- U.S. Department of Transportation. 2024. Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System (NPMS) Public Viewer. Available at: <https://pvnpm.phmsa.dot.gov/PublicViewer/>. Accessed June 2024.
- U.S. Environmental Protection Agency. 2024a. Cleanups in My Community map. Available at: <https://ofmpub.epa.gov/apex/cimc/f?p=cimc:map::::71>. Accessed June 2024.
- . 2024b. EnviroMapper for Envirofacts. Available at: <https://enviro.epa.gov/enviro/em4ef.home>. Accessed June 2024.
- . 2024c. Envirofacts. Available at: <https://enviro.epa.gov/>. Accessed June 2024.
- . 2024d. Toxics Release Inventory Explorer. Available at: https://enviro.epa.gov/triexplorer/tri_factsheet_search.searchfactsheet. Accessed June 2024.

- U.S. Geological Survey (USGS). 2024a. USGS National Topographic Map Database, TopoView Interactive Map Viewer and Downloader. Available at: <https://ngmdb.usgs.gov/topoview/viewer/#13/43.1765/-115.7689>. Accessed June 2024.
- . 2024b. Mineral resources on-line spatial data – geologic maps of U.S. States. Available at: <http://tin.er.usgs.gov/geology/state>. Accessed June 2024.

10 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in 312.10 of 40 Code of Federal Regulations (CFR) 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. My qualifications are presented in Appendix B of this report.



Steven M. O'Brien
Environmental Professional / Lead Project Manager

June 22, 2024

Date

Research and reporting were conducted in conformance with ethical business practices and industry standards by staff with the education, training, and experience to assess a property of the nature, history, and setting of the site. These tasks were completed under the direction of the Environmental Professional.



Andrea Rainka
Project Manager

June 22, 2024

Date

APPENDIX A

Phase I Environmental Site Assessment Scope of Work

- The additional project area does not exceed 192 acres and will not change during SWCA's period of performance under this SOW.
- No provision is included for delays resulting from land access, coordination, or weather issues or other factors beyond SWCA's control. Delays are not included in our cost estimate.
- SWCA will not complete the aquatic resources delineation if snow cover is present and obscuring visibility.
- SWCA assumes no more than two 12-hour days for two biologists, including travel to and from the site, to complete the surveys, to be completed concurrently with the biological resources surveys.
- Crimson Orchard Solar, LLC will provide all landowner coordination and access to all parcels.
- Crimson Orchard Solar, LLC will provide one round of comments on the draft report.
- All deliverables will be submitted in electronic format.
- Any task not expressly described herein is not included in the proposed cost.

TASK 3: CULTURAL RESOURCES LITERATURE REVIEW

SWCA will complete a cultural resources file search and literature review. The purpose of the Class I inventory is to gain a comprehensive understanding of the known archaeological and historical properties in the additional project area. SWCA will request a file search from the Idaho State Historic Preservation Office for the additional project area and a 1-mile buffer (required literature review research area) to initiate the project. In addition, SWCA will conduct research using primary and secondary sources to identify land use practices that may indicate the presence of cultural resources within the literature review research area. These sources will include historical General Land Office plats and land patent records, historical topographic maps, and historical and modern aerial imagery.

Deliverables

- SWCA will prepare draft and final literature review report.

Assumptions

- The SOW and cost estimate for cultural resources fieldwork will be a separate effort not included in this cost estimate.
- All deliverables will be submitted in electronic format.
- Any task not expressly described herein is not included in the proposed cost.

TASK 4: PHASE I ENVIRONMENTAL SITE ASSESSMENT

SWCA will complete a Phase I Environmental Site Assessment (ESA) for the project site. The Phase I ESA will be conducted in general accordance with the standards described in ASTM International Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The goal of a Phase I ESA is to assess the subject property, to the extent practical, for the potential presence of recognized environmental conditions (RECs), defined in the ASTM standard. This SOW applies to the Phase I ESA and consists of the tasks below.

TASK 4.1 RECORDS REVIEW

SWCA will review appropriate documents, including historical aerial photographs, historical topographic maps, and other land use documents, to identify past operations or activities at the subject property that may have caused the

release of hazardous substances into the environment. As part of the review process, the site location, hydrogeological characteristics, geographic setting, and physiography will also be summarized.

Additionally, available state and federal regulatory databases will be reviewed to determine whether the subject property or nearby facilities have been subject to environmental actions or review. The regulatory database review will, at a minimum, include the databases required to satisfy the ASTM standard. SWCA assumes that sufficient data will be readily available such that an in-person regulatory file review will not be needed.

TASK 4.2 INTERVIEWS

If contact information is provided by the client, SWCA personnel will attempt to interview those individuals who are knowledgeable about the history of the site (typically current owners, managers, or users of the site). Reasonable attempts will be made to interview at least one staff member of state or local government agencies regarding information that indicates RECs in connection with the property.

TASK 4.3 SITE RECONNAISSANCE

SWCA staff will complete a reconnaissance of the site and vicinity to visually identify and photograph areas with potential RECs and to document current site conditions. Access to private, locked, or restricted areas will be arranged by a client representative. This SOW does not include collection or analysis of soil, air, water, or other environmental samples.

TASK 4.4 USER-PROVIDED INFORMATION

User-provided information is an essential component of the Phase I ESA and includes items such as relevant environmental documents, a completed Phase I ESA User Questionnaire, a completed Initial Data Request, and access to the subject property. The user is responsible for providing SWCA with the results of a search of recorded land title records and judicial records for environmental liens and activity and use limitations (AULs). A 50-year chain of title report and a search for liens and AULs will not be obtained by SWCA under this SOW.

TASK 4.5 REPORT GENERATION

The Phase I ESA findings will be summarized and documented in one report. SWCA will submit a draft report within 6 to 8 weeks of starting the Phase I ESA. SWCA will respond to one round of comments and provide the client with a final report within 1 week of receiving comments.

Deliverables

- One draft and one final Phase I ESA report.

Assumptions

- Receipt of a signed contract, purchase order, or task order is a prerequisite for report delivery.
- The ASTM User Questionnaire and SWCA Initial Data Request will be promptly returned to SWCA upon commencement of the project.
- No provision is included for delays due to land access, coordination, weather issues, or other factors beyond SWCA's control. Delays are not included in our cost estimate.
- Access to private properties and locked or restricted areas will be arranged by the client.
- The additional project area can be reasonably accessed with four-wheel drive vehicles.
- Reliance letters will be provided for our standard fee [REDACTED]

APPENDIX B

Environmental Professional's Credentials

Education / Training

- B.A., Biology / Chemistry, Gettysburg College; 1994

Expertise

- Large-scale Phase I ESAs (2247-16)
- Commercial Phase I ESAs (1527-21)
- Wetlands and hydric soils
- Stream channel assessment and restoration
- State/National Environmental Policy Act (S/NEPA) documentation
- Protected species
- 404/401 permitting
- Project management

Relevant Projects

- Nearly 1,000 Phase I ESAs Nationwide in 41 States
- 17 Phase I ESAs for Cell Tower Sites; WyoLink Project; Throughout Wyoming
- Many Phase I ESAs for Wind and Solar Projects in 33 states
- Painted Desert Power Solar Project Phase I ESA and report update; Coconino County, Arizona
- Perrin Ranch Phase I ESA, 43,000-acres, Coconino County, Arizona
- Phase I ESAs at 23 Sites; U.S. Army Corps of Engineers; Washington
- Phase I Environmental Site Assessment 435 Acres; Pascua Yaqui Tribe of Arizona; Pima County, Arizona
- 9 Phase I Environmental Site Assessments; Aveda Transportation and Energy Services; Multiple States
- 450,000-acre Phase I ESA for a wind energy project, Eastern Montana

Mr. O'Brien is an Environmental Professional and Lead Project Manager with 27 years of nationwide experience in environmental consulting and technical writing, including 23 years of extensive experience performing Phase I Environmental Site Assessments (ESAs). He leads SWCA's nationwide Phase I ESA Technical Work Group and is SWCA's senior Environmental Professional.

He has completed nearly 1,000 Phase I ESAs in a variety of settings in 41 states and Guam, from tiny easements to 900-square mile assemblages, including several hundred wind and solar projects in 33 states. His projects also include transmission lines and pipelines, oil and gas fields, reclaimed coal mines and landfills, U.S. EPA Superfund sites, and Department of Defense sites. His specialties include applying ASTM Standard 2247-16 for large-scale projects, performing FAA-Standard ESAs for airport projects, and applying the principles of ESAs to Environmental Baseline Surveys (EBSs) for Department of Defense sites and classification of Environmental Condition of Property area types. He manages the large and difficult Phase I ESAs for SWCA companywide. He mentors others to conduct ESAs with a focus on concise and defensible reporting techniques to satisfy clients' lenders, investors, and counsel. He also performs third party review and been an expert witness for ESA cases.

Mr. O'Brien is also experienced in performing soil mapping, wetland delineations, habitat assessments, permitting, protected species, and stream morphology assessments. He has performed assessment, design, and construction oversight for more than 250 stream stabilization sites. He has completed masters level courses in natural resources, forestry, soil characterization, and hydric soils. He has extensive experience performing construction oversight and has experience training clients, contractors, staff, and local officials.

Mr. O'Brien has extensive plant, soil, and hydrology fieldwork experience in locations from coastal marshes to deserts to high in the Rocky Mountains. He has been 40-hour Hazardous Waste and Emergency Response (HAZWOPER)-certified since 1998, earned a Watershed Training Certificate from the EPA, and a Water Supply Watershed Protection certificate.

APPENDIX C

Additional Records

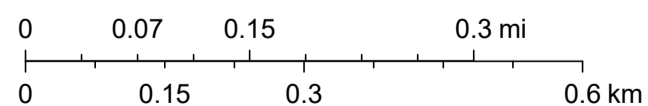
ArcGIS Web Map



6/25/2024, 2:01:02 PM

- ROAD CENTERLINES
- Elmore Parcels
- Wells

1:11,151



Esri Community Maps Contributors, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

RP03S06E081890 : J R
SIMPLOT COMPANY



Zoom to

The parcel number is RP03S06E081890

Owner Name: J R SIMPLOT COMPANY

Address:

Subdivision: T3S R6E

Legal Description: S2n2 N2sw4 N Of Osllr Se4 Less,
Tax 1 & 2 Sec 8, T3s R6e

Acres: 378.4

Land Value: 23556

Improvement Value: 0

Total Value: 23556

Catagories: |05|19|

Zoning: AG

Taxing Districts:

Tax Code Area: 0520000

City:

Fire: MOUNTAIN HOME RURAL FIRE

APPENDIX D
Correspondence

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

USER QUESTIONNAIRE

(to be completed by each party that will rely upon the report)

Completed by: Clenera, LLC

Date: 5/29/24

Site Name: Crimson Orchard Solar LLC (Area 2)

INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”)², the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that “*all appropriate inquiries*” is not complete.

The *user* is defined as “the party seeking to use Practice E1527 to complete an *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an owner of *property*, a lender, or a *property* manager. The *user* has specific obligations for completing a successful application of this practice outlined in Section 6” of ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

1) Environmental cleanup liens that are filed or recorded against the *property* (40 CFR 312.25) – Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed against the *property* under federal, tribal, state, or local law? () Yes () No
 If yes, please describe: **To the best of my knowledge no.**

Note 1 – In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

2) Activity and land use limitations that are in place on the *property* or that have been filed or recorded against the *property* (40 CFR 312.26(a)(1)(v) and vi) – Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 above) identify any Activity and Use Limitations (AULs), such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law? () Yes () No. If yes, please describe: **To the best of my knowledge no.**

¹ *Landowner Liability Protections, or LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA’s *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability (“Common Elements” Guide)* issued on March 6, 2003.

² Public Law 107-118.

3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28) -

Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? () Yes () No If yes, please explain: **To the best of my knowledge no.**

4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated

(40 CFR 312.29) – Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? () Yes () No **N/A.**

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? () Yes () No If yes, please describe:

5) Commonly known or reasonably ascertainable information about the *property* (40 CFR 312.30) –

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

- a. Do you know the past uses of the *property*? **To the best of my knowledge grazing.**
- b. Do you know of specific chemicals that are present or once were present at the *property*?
To the best of my knowledge no.
- c. Do you know of spills or other chemical releases that have taken place at the *property*?
To the best of my knowledge no.
- d. Do you know of any environmental cleanups that have taken place at the *property*?
To the best of my knowledge no.
- e. Do you know of any previous Phase I Environmental Site Assessment performed for the *property*?
() Yes () No. If yes, can copies be provided?
To the best of my knowledge no.

If available, please provide contact information for someone knowledgeable about past uses of the *property* (present or past owner, operator or occupant). **To the best of my knowledge no.**

6) The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31) – Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of releases at the *property*? () Yes () No If yes, please describe: **To the best of my knowledge no.**





Please return this form to jack.schille@swca.com

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
LANDOWNER QUESTIONNAIRE**

Site: Crimson Orchard Solar South Project Area, Elmore County, Idaho

Date: 6/12/2024

Name: Ron Parks

Company: J R Simplot Company

Phone: 208-850-2367

Email: Rparks46@msn.com

1. How many years have you owned, occupied, or been associated with the property? 20
2. To the best of your knowledge, has the property or any adjoining property been previously used for or is currently used for industrial use?
- Yes No Unknown

If yes, explain.

3. To the best of your knowledge has the property or any adjoining property been previously used or is currently used as a gasoline station; motor repair facility; commercial printing facility; dry cleaners; photo developing laboratory; junkyard or landfill; or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?
- Yes No Unknown

If yes, explain.

4. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemical in individual containers of greater than 5 gallon in volume or 50 gallon in the aggregate, stored on or used at the property or at the facility?
- Yes No Unknown

If yes, explain.

5. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?
- Yes No Unknown

If yes, explain.

6. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site or that is of an unknown origin?
- Yes No Unknown

If yes, explain.

7. Are there currently, or to the best of your knowledge have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Yes No Unknown

If yes, explain.

8. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?

Yes No Unknown

If yes, explain.

9. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on this property?

Yes No Unknown

If yes, explain.

10. Are there currently, or to the best of your knowledge have there been previously, leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?

Yes No Unknown

If yes, explain.

11. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?

Yes No Unknown

If yes, explain.

12. Do you have any knowledge of environmental liens or governmental notifications relating to the past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

Yes No Unknown

If yes, explain.

13. Have you been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?

Yes No Unknown

If yes, explain.

14. Do you have any knowledge of any environmental assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assistance of the property?

Yes No Unknown

If yes, explain.

15. Do you know of any past, threatened, or pending lawsuits of administrative proceeding concerning a release or threatened release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?

Yes No Unknown

If yes, explain.

16. Does the property discharge wastewater (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary waste or storm water system?

Yes No Unknown

If yes, explain.

17. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, cattle dipping troughs, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried, and/or burned on the property?

Yes No Unknown

If yes, explain.

18. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

Yes No Unknown

If yes, explain.

19. Additional Comments:

Please return this form to jack.schille@swca.com

APPENDIX E

Environmental Database Records

Crimson Orchard

Crimson Orchard Solar
Mountain Home, ID 83647

Inquiry Number: 7674963.2s
June 07, 2024

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings	8
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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). SWCA ENVIRONMENTAL CONSULTANTS used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by SWCA ENVIRONMENTAL CONSULTANTS. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

COORDINATES

Latitude (North): 43.1763910 - 43° 10' 35.00"
Longitude (West): 115.7686830 - 115° 46' 7.25"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 600078.4
UTM Y (Meters): 4780923.5
Elevation: 3185 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 14903611 CRATER RINGS, ID
Version Date: 2020

East Map: 14903633 MOUNTAIN HOME NORTH, ID
Version Date: 2020

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190720, 20190727
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
CRIMSON ORCHARD SOLAR
MOUNTAIN HOME, ID 83647

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Landfills

Lists of state and tribal leaking storage tanks

LAST..... Leaking Aboveground Storage Tanks
LUST..... Leaking Underground Storage Tank Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Registered Underground Storage Tanks in Idaho
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... Sites with Institutional Controls Restricting Use

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE..... Waste Tire Collection Sites
HIST LF..... Idaho Historical Landfills
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

ALLSITES..... Remediation Database
CDL..... Clandestine Drug Labs
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Data
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
MINES MRDS..... Mineral Resources Data System
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
ECHO..... Enforcement & Compliance History Information
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
UXO..... Unexploded Ordnance Sites
FUELS PROGRAM..... EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
PFAS.....	PFAS Contamination Sites Listing
AIRS.....	Permitted Sources & Emissions Listing
DRYCLEANERS.....	Drycleaner Listing
Financial Assurance.....	Financial Assurance Information Listing
TIER 2.....	Tier 2 Data Listing
UIC.....	Underground Injection Wells Database Listing
UST FINDER.....	UST Finder Database
UST FINDER RELEASE.....	UST Finder Releases Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

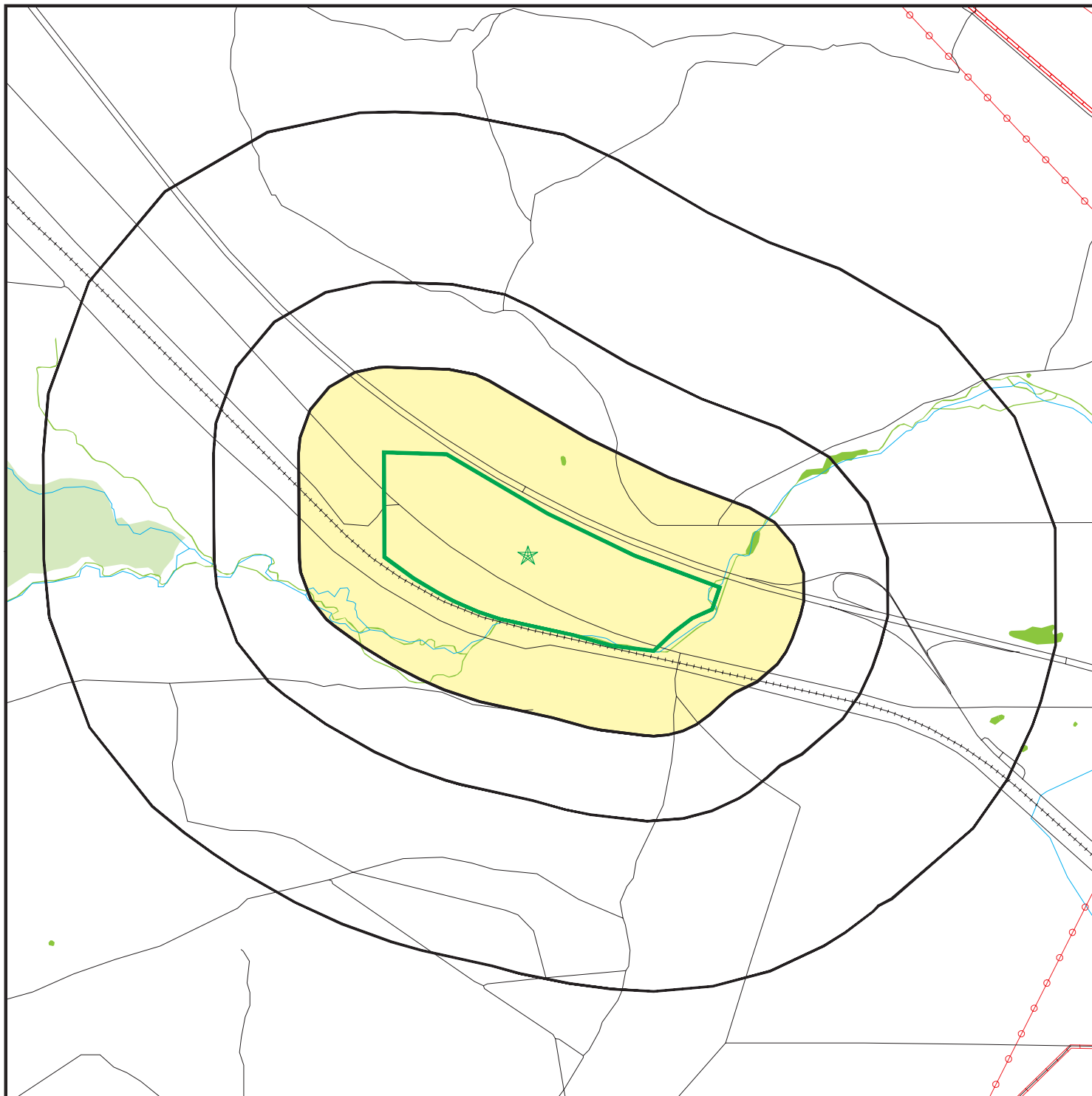
Surrounding sites were not identified.







Unmappable (orphan) sites are not considered in the foregoing analysis.

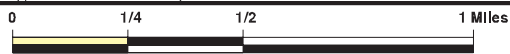
EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7674963.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Power transmission lines
-  Pipelines
-  National Wetland Inventory
-  State Wetlands

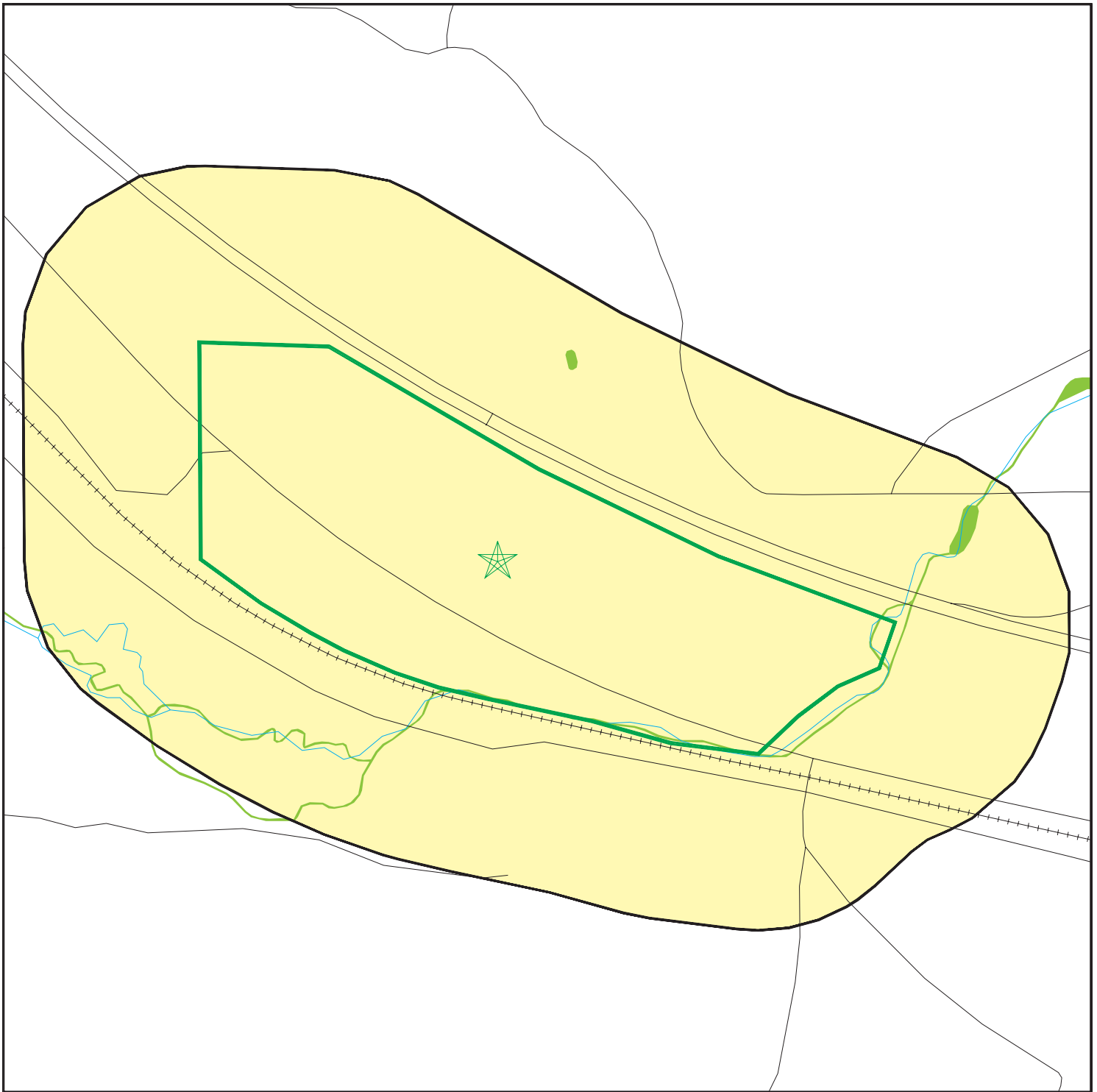









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Crimson Orchard
 ADDRESS: Crimson Orchard Solar
 Mountain Home ID 83647
 LAT/LONG: 43.176391 / 115.768683

CLIENT: SWCA Environmental Consultants
 CONTACT: Andrea Rainka
 INQUIRY #: 7674963.2s
 DATE: June 26, 2024 1:17 pm

DETAIL MAP - 7674963.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  National Wetland Inventory
-  State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Crimson Orchard
 ADDRESS: Crimson Orchard Solar
 Mountain Home ID 83647
 LAT/LONG: 43.176391 / 115.768683

CLIENT: SWCA Environmental Consultants
 CONTACT: Andrea Rainka
 INQUIRY #: 7674963.2s
 DATE: June 26, 2024 1:17 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWTIRE	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/29/2024	Source: EPA
Date Data Arrived at EDR: 03/01/2024	Telephone: N/A
Date Made Active in Reports: 03/27/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 02/29/2024	Source: EPA
Date Data Arrived at EDR: 03/01/2024	Telephone: N/A
Date Made Active in Reports: 03/27/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/26/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMs by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/22/2024	Source: EPA
Date Data Arrived at EDR: 05/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 05/24/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023	Source: EPA
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 03/19/2024
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 03/19/2024
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 03/19/2024
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/01/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 03/19/2024
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/01/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 03/19/2024
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/01/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024	Source: Department of the Navy
Date Data Arrived at EDR: 02/16/2024	Telephone: 843-820-7326
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/17/2024
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: N/A

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/05/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 84

Source: Department of Environmental Quality
Telephone: 208-334-5860
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Annually

Lists of state and tribal leaking storage tanks

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank locations.

Date of Government Version: 06/20/2011
Date Data Arrived at EDR: 06/22/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 208-373-0347
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 03/14/2024
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 208-373-0130
Last EDR Contact: 03/26/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/04/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 01/17/2024	Telephone: 312-886-7439
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/17/2024	Telephone: 415-972-3372
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/25/2023	Source: EPA Region 1
Date Data Arrived at EDR: 01/17/2024	Telephone: 617-918-1313
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/25/2023	Source: EPA Region 4
Date Data Arrived at EDR: 01/17/2024	Telephone: 404-562-8677
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/25/2023	Source: EPA Region 10
Date Data Arrived at EDR: 01/17/2024	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/25/2023	Source: EPA Region 6
Date Data Arrived at EDR: 01/17/2024	Telephone: 214-665-6597
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/25/2023	Source: EPA Region 8
Date Data Arrived at EDR: 01/17/2024	Telephone: 303-312-6271
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 01/17/2024	Telephone: 913-551-7003
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 11/16/2023	Source: FEMA
Date Data Arrived at EDR: 11/16/2023	Telephone: 202-646-5797
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 03/19/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Varies

UST: Registered Underground Storage Tanks in Idaho

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/20/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/20/2023	Telephone: 208-373-0130
Date Made Active in Reports: 03/14/2024	Last EDR Contact: 03/26/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/24/2023	Source: EPA Region 4
Date Data Arrived at EDR: 01/17/2024	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 8
Date Data Arrived at EDR: 01/17/2024	Telephone: 303-312-6137
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 7
Date Data Arrived at EDR: 01/17/2024	Telephone: 913-551-7003
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 01/17/2024	Telephone: 617-918-1313
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/17/2023	Source: EPA Region 5
Date Data Arrived at EDR: 01/17/2024	Telephone: 312-886-6136
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/24/2023	Source: EPA Region 6
Date Data Arrived at EDR: 01/17/2024	Telephone: 214-665-7591
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 10
Date Data Arrived at EDR: 01/17/2024	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 9
Date Data Arrived at EDR: 01/17/2024	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls Restricting Use

Sites included in the Remediation Sites database that have institutional controls restricting use.

Date of Government Version: 02/26/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2024	Telephone: 208-373-0347
Date Made Active in Reports: 05/13/2024	Last EDR Contact: 05/29/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/18/2024
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/01/2024
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

The Idaho Legislature created the Idaho Land Remediation Act, DEQ's Voluntary Cleanup Program, to encourage innovation and cooperation between the state, local communities and private parties working to revitalize properties with hazardous substance or petroleum contamination.

Date of Government Version: 02/26/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2024	Telephone: 208-373-0495
Date Made Active in Reports: 05/13/2024	Last EDR Contact: 05/28/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Inventory

Brownfields are abandoned or underutilized properties where the reuse is complicated by actual or perceived environmental contamination. With the help of Idaho Counties, Cities, Economic Development Districts, Urban Renewal Entities, developers and brokers, DEQ is developing a comprehensive, statewide inventory of Brownfields.

Date of Government Version: 02/26/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/27/2024	Telephone: 208-373-0495
Date Made Active in Reports: 05/13/2024	Last EDR Contact: 05/29/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/11/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/12/2024	Telephone: 202-566-2777
Date Made Active in Reports: 05/10/2024	Last EDR Contact: 03/12/2024
Number of Days to Update: 59	Next Scheduled EDR Contact: 06/24/2024
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Waste Tire Collection Sites

A listing of registered waste tire collection sites.

Date of Government Version: 03/15/2002	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/16/2004	Telephone: 208-373-0416
Date Made Active in Reports: 11/02/2004	Last EDR Contact: 05/02/2024
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: No Update Planned

HISTORICAL LANDFILL: Idaho Historical Landfills

A listing of older landfills. The listing has not been updated since July 1997.

Date of Government Version: 07/10/1997	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/21/2002	Telephone: 208-373-0502
Date Made Active in Reports: 03/27/2002	Last EDR Contact: 04/14/2022
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/04/2009
	Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/22/2024
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/05/2024
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/15/2024
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 04/19/2024
Number of Days to Update: 176	Next Scheduled EDR Contact: 08/04/2024
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

ALLSITES: Remediation Database

Idaho's remediation database is a compilation of data on all the state and delegated federal remediation programs operated by the DEQ. Programs included are AST, Brownfield, ER, General Remediation, LUST, Mining, Miscellaneous, RCRA, Solid Waste, UST and VCP.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/13/2024
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 208-373-0309
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

These are labs in which the Idaho State Police have investigated.

Date of Government Version: 07/22/2010
Date Data Arrived at EDR: 10/01/2010
Date Made Active in Reports: 10/29/2010
Number of Days to Update: 28

Source: Idaho State Police
Telephone: 208-884-7000
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

CDL 2: Clandestine Drug (Meth) Laboratory Site Property List

A listing of clandestine drug lab site locations.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 11/13/2023
Number of Days to Update: 75

Source: Dept of Health & Welfare
Telephone: 208-334-5500
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/20/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

SPILLS 2: Hazardous Material Spills/Releases Information

Hazardous material spills

Date of Government Version: 02/27/2024
Date Data Arrived at EDR: 02/28/2024
Date Made Active in Reports: 05/13/2024
Number of Days to Update: 75

Source: Department of Health & Welfare
Telephone: 208-334-5564
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

SPILLS: Spills Data

A listing of hazardous materials spills, releases or accidents as reported to the State of Idaho's central Communications Center.

Date of Government Version: 06/20/2011
Date Data Arrived at EDR: 06/22/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2024	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/13/2024	Telephone: 202-528-4285
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/14/2024
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/26/2024
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 04/11/2024
Number of Days to Update: 239	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/04/2024
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 05/09/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/11/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/13/2023	Telephone: 202-566-1917
Date Made Active in Reports: 02/28/2024	Last EDR Contact: 03/13/2024
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/01/2024
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/29/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/02/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/14/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/16/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/16/2024
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 70

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/17/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 03/01/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/08/2024	Telephone: 202-564-8600
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 04/15/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 06/03/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/04/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/28/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/02/2024	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 01/16/2024	Telephone: 301-415-0717
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/15/2024
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022	Source: Department of Energy
Date Data Arrived at EDR: 11/27/2023	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 05/28/2024
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/28/2024
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/02/2024
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/25/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/23/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/28/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/04/2024
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/26/2024
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/16/2024
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/26/2024
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 02/29/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2024	Telephone: 703-603-8787
Date Made Active in Reports: 03/27/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/23/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/18/2024	Source: Department of Interior
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-208-2609
Date Made Active in Reports: 06/06/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/16/2024
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/09/2024	Source: EPA
Date Data Arrived at EDR: 02/27/2024	Telephone: (206) 553-1200
Date Made Active in Reports: 05/24/2024	Last EDR Contact: 05/29/2024
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023	Source: Department of Defense
Date Data Arrived at EDR: 09/13/2023	Telephone: 703-704-1564
Date Made Active in Reports: 12/11/2023	Last EDR Contact: 04/08/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 05/17/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/17/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2023	Telephone: 202-564-2280
Date Made Active in Reports: 03/04/2024	Last EDR Contact: 04/04/2024
Number of Days to Update: 67	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/22/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/29/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/29/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/16/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Sites Listing

A listing of sites where PFAS contamination has been identified in soil and water.

Date of Government Version: 02/22/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/13/2024
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 05/31/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

AIRS: Permitted Sources & Emissions Listing Permit and emissions inventory data.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/19/2023
Date Made Active in Reports: 03/14/2024
Number of Days to Update: 86

Source: Department of Environmental Quality
Telephone: 208-373-0253
Last EDR Contact: 03/18/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Listing

A listing of drycleaner locations.

Date of Government Version: 07/06/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 07/28/2009
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 208-373-0211
Last EDR Contact: 04/19/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 01/23/2024
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/18/2024
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 04/19/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 10/26/2023
Date Made Active in Reports: 01/22/2024
Number of Days to Update: 88

Source: Department of Environmental Quality
Telephone: 208-373-0502
Last EDR Contact: 03/22/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 06/19/2012
Number of Days to Update: 25

Source: Bureau of Homeland Security
Telephone: 208-422-3040
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

UIC: Underground Injection Wells Database Listing

Deep and shallow underground injection wells locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/30/2024
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/18/2024
Number of Days to Update: 78

Source: Department of Water Resources
Telephone: 208-287-4932
Last EDR Contact: 04/26/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Idaho.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Idaho.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/25/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Quarterly

Oil/Gas Pipelines

Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care List

Source: Department of Health and Welfare
Telephone: 208-332-7205

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Water Resources
Telephone: 208-287-4800

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX F

Property Photographs



Photo 1. Northwest portion of subject property, facing south.



Photo 2. North central portion of subject property, facing south.



Photo 3. Northeast portion of subject property and north adjoining property, facing west.



Photo 4. East central portion of the subject property and east adjoining property, facing east.



Photo 5. Southeast portion of subject property, facing north.



Photo 6. Southeast portion of the subject property, facing west.



Photo 7. Central portion of the subject property, facing north.



Photo 8. Central portion of the subject property, facing south.



Photo 9. Southwest portion of the subject property and adjoining railroad tracks, facing south.



Photo 10. Southwest portion of the subject property, facing east.



Photo 11. West central portion of the subject property and west adjoining property, facing west.



Photo 12. West central portion of the subject property, facing east.

Attachment D

3.2 Title 7, Chapter 2; Land Use Tables, Zoning Districts and Their Base Densities, Overlay Districts, and Boundaries

3.2.1 Section 7-2-103 Electrical Generating Facilities

Section 7-2-103 A.2:

The owner or operator of the facility shall show compliance with all applicable Idaho Public Utility, and Federal Agency rules and regulations before receiving a zoning permit and shall operate the facility in conformance with those same regulations.

Applicant Response:

Crimson Orchard Solar LLC shall provide all copies of all permits and approvals to Elmore County prior to commencing construction activities.

Section 7-2-103 A.6:

The applicant shall demonstrate and maintain an adequate fire protection and fire-fighting capacity, including entering into an agreement with a public firefighting agency when the applicant's project is within the jurisdiction of such an agency.

Applicant Response:

Attachment E is email correspondence with Brian Reed where he confirms that since the Project is located within the rural jurisdiction of the Mountain Home Fire District no special agreement is required.

SECTION 7-2-103, A.8:

The Director shall cause the applicant to provide information detailing possible adverse impacts and require mitigation of same.

Applicant Response:

A glint and glare study was sent to the County via email on 10/15/24, a visual impact analysis was sent on 10/29/24, and the economic impact analysis can be viewed in Attachment C. The Floodplain Development Application is in progress and will be submitted to the Department prior to the Public Workshop.

SECTION 7-2-103, A.9:

Towers and structures that seek to exceed the building height restrictions from Table 6-8-11 (C) must be compatible with the flight operations of MHAFB and the City of Mountain Home

and Glenns Ferry public airport operations. The proposed plan should be coordinated and approved by local, state, federal and military aviation officials.

Applicant Response:

Please see correspondence from Capitol Airspace in Attachment F that confirms there are no military training routes or airspace in proximity to the solar project.

3.2.2 Section 7-2-106 Electrical Production Facilities

SECTION 7-2-106, A.1:

Prior to receiving final approval and zoning approval, the owner or operator of an Energy Production Facility shall show compliance with all applicable Idaho Public Utility and Federal Agency rules and regulations and shall operate the facility in conformance with those same regulations.

Applicant Response:

Crimson Orchard Solar LLC shall provide all copies of all permits and approvals to Elmore County prior to commencing construction activities.

SECTION 7-2-106, A.3:

The applicant shall demonstrate and maintain an adequate fire protection and firefighting capacity, including entering into an agreement with a public firefighting agency when the applicant's project is within the jurisdiction of such an agency.

Applicant Response:

Attachment E is email correspondence with Brian Reed where he confirms that since the Project is located within the rural jurisdiction of the Mountain Home Fire District no special agreement is required.

SECTION 7-2-106, A.5:

The Administrator shall cause the applicant to provide information detailing possible adverse impacts and require mitigation of same.

Applicant Response:

A glint and glare study was sent to the County via email on 10/15/24, a visual impact analysis was sent on 10/29/24, and the economic impact analysis is in Attachment C.. The Floodplain Development Application is in process and will be submitted to the Department prior to the public workshop to ensure compliance with the National Flood Insurance Program.

3.3 Title 7, Chapter 9: Conditional Use Permit (CUP) Standards and Requirements

3.3.1 Section 7-9-3: Process

SECTION 7-9-3. A:

An application and fees, as set forth in this Ordinance, shall be submitted to the Director on forms provided by the Department.

Applicant Response:

As noted in the HDR Memo this will be considered complete once the fees are determined and paid.

SECTION 7-9-3. B:

The applicant shall concurrently submit a master site plan subject to the regulations of this Ordinance, unless specifically exempt under the regulations of this Ordinance. Any accessory buildings or facilities and any outdoor storage areas shall be noted on the master site plan and reviewed as part of the conditional use application.

Applicant Response:

Please see Attachment B for the Master Site Plan.

SECTION 7-9-3. D:

Prior to issuance of zoning approval, the applicant shall provide written documentation indicating the facility has been approved by all applicable public agencies.

Applicant Response:

Crimson Orchard Solar LLC shall provide all copies of all permits and approvals to Elmore County prior to commencing construction activities.

SECTION 7-9-3. F:

Upon determination by the Director that all conditions of approval have been met and the conditional use is in conformance with the Ordinance, zoning approval shall be issued.

Applicant Response:

Confirmed.

SECTION 7-9-3. G:

The Director may approve modifications to the site plan and/or elevations for an approved conditional use when the proposed modification meets all of the applicable following standards:

- 1. The modification represents an increase in the amount of landscaping and/or screening area and a reduction in the square footage or height of a proposed building; and/or*
- 2. The modification represents an increase in the amount of landscaping and/or screening area and a reduction in the approved parking area while still providing the number of required parking, handicapped accessible, and bicycle spaces; and/ or*
- 3. The modification represents a reduction in the approved lighting plan; and/or*
- 4. The modification does not change a setback or other distance standard more than ten (10%) percent of the distance noted on the approved master site plan.*

Applicant Response:

Please see Attachment B for the Master Site Plan.

SECTION 7-9-3. H:

The Director may approve an expansion to an approved conditional use when the proposed expansion meets all of the applicable following standards:

- 1. The expansion of structures represents ten (10%) percent or less of the approved gross floor;*
- 2. The expansion of parking area represents ten (10%) percent or less of the approved parking area;*
- 3. The expansion of the lighting plan represents ten (10%) percent or less of the approved outdoor lighting fixtures;*
- 4. The expansion is to a landscape and/or screening area;*
- 5. The expansion does not change a setback or other distance standard more than ten (10%) percent of the distance noted on the approved master site plan.*

Applicant Response:

Please see Attachment B for the Master Site Plan.

3.3.2 Section 7-9-4: Conditional Use Standards

SECTION 7-9-4. A:

The applicant shall agree to comply with the approved plans and specifications.

Applicant Response:

Crimson Orchard Solar LLC agrees to comply with approved plans and specifications.

SECTION 7-9-4. B:

The applicant shall have a continuous obligation to maintain adequate housekeeping practices so as not to create a nuisance.

Applicant Response:

Crimson Orchard LLC agrees to a continuous obligation to maintain adequate housekeeping practices so as not to create a nuisance.

SECTION 7-9-4. C:

Prior to review of the proposed conditional use, the applicant or owner shall obtain the written approval of the appropriate fire authority with regard to the location specifications of any proposed structure, facility, or use.

Applicant Response:

The Project is located within Mountain Home Rural Fire District. Please see Attachment E for written correspondence with Brian Reed.

SECTION 7-9-4. G:

The owner and/or operator shall furnish evidence that any dangerous characteristics of the proposed use have been or shall be eliminated or minimized so as not to create a nuisance or be detrimental to the public health, safety, or welfare.

Applicant Response:

A Phase 1 Environmental Study Assessment was completed in June 2024 and can be found in Attachment B. The report confirms there are no known hazards within the site. If any dangerous characteristics are identified within the site the Applicant will provide evidence that they have been or will be eliminated or minimized in accordance with all applicable regulations so as not to create a nuisance or be detrimental to public health, safety, or welfare.

SECTION 7-9-4. J:

The decision-making body may require additional conditions to mitigate impacts. The conditions may

include, but shall not be limited to, any or all of the following:

1. Standards related to the emission of noise, vibration, and other potentially objectionable

impacts; and

2. Limits on time of day for the conduct of the specified use; and

3. The period within which the permit shall be exercised or otherwise lapse; and

4. Other standards necessary to protect the public health, safety, and welfare and mitigate adverse effects on surrounding property.

Applicant Response:

As stated in the HDR memo the decision-making body has not completed recommendations for additional conditions.

3.3.3 Section 7-9-7: Required Findings

SECTION 7-9-7. A.4

4. The proposed use shall comply with all applicable County Ordinances;

Applicant Response:

Crimson Orchard Solar LLC confirms that it shall comply with all applicable County Ordinances.

SECTION 7-9-7. A.5:

5. The proposed use shall comply with all applicable State and Federal laws, rules and/or regulations;

Applicant Response:

Crimson Orchard Solar LLC shall provide copies of all permits and approvals to Elmore County prior to commencing construction activities.

SECTION 7-9-7. A.8

8. The proposed use shall be served adequately by available public facilities and services such as highways, streets, police protections, fire protection, drainage structures, refuse disposal, water, sewer, or that the person responsible for the establishment of the proposed conditional use shall be able to provide adequately any such services;

Applicant Response:

The Project is located within Mountain Home Rural Fire District. Please see Attachment E for written correspondence with Brian Reed.

The Project will not require significant water, sewer services, or electrical services however during operations the Generation Facility and the BESS will have either separate or combined operations and maintenance (O&M) facilities that will include an O&M office building and connexes for storage and maintenance. The square footage for each O&M facility will be 22,000 sqft. The O&M building(s) will be staffed onsite during daytime hours, 5 days per week and in certain circumstances weekend shifts and extended hours may be required. If combined the Project will staff up to 12 people and if separate the Generation Facility would staff 8 and the BESS would staff 4. The O&M building will require water, septic, and electricity however these will be established by Crimson Orchard.

Attachment E



Outlook

Re: Crimson Orchard Solar- Conceptual Layout

From Brian Reed <breed@mountain-home.us>
Date Mon 6/24/2024 4:00 PM
To Cara Mahler <cara.mahler@clenera.com>



Cara,

This location is within our rural jurisdiction, so no special agreement would be required. As for the fuels management plan, that is our requirement to ensure that the site is safe during construction and then after completion. This area is a high fire danger area for wildland fires. Vegetation must be managed on site during construction. Safety precautions for construction such as welding and cutting. Once the project is completed, how is the site going to be controlled for vegetation growth? That is a fairly significant issue here.

**Brian W. Reed**

Fire Marshal, CFIT

Mountain Home Fire Department
220 S. 2nd E.
Mountain Home, ID 83647

T (208) 587-2117
M (208) 590-6142
breed@mountain-home.us



From: Cara Mahler <cara.mahler@clenera.com>
Date: Monday, June 24, 2024 at 3:26 PM
To: Brian Reed <breed@mountain-home.us>
Subject: Re: Crimson Orchard Solar- Conceptual Layout

Hi Brian,

I appreciate your review and have a few follow up questions.

I just want to confirm what the items are that you want to review. In terms of the site plan, I assume this is the master site plan that will be submitted prior to the building permit. For the fuels management plan, we receive a Spill Prevention Control and Countermeasure plan from our EPC contractor that includes requirements for oil spill prevention, preparedness etc. Is this what you will want to review? And lastly for the emergency operations plan we receive a Safety Plan which includes details about the project/site any potential hazards present, safety procedures & other important information. Is this what you will want to review? Sometimes these plans have different names I just wanted to confirm.

I have sometimes seen the county putting a condition in the permits to enter into an agreement with the rural fire dept or fire marshall for providing fire protection to the site. Is this something you will recommend?

Thank you in advance.

Cara Mahler | Project Developer

Clēnera - an Enlight Company

999 W. Main St., Suite 800 | Boise, Idaho 83702

PO Box 2576 | Boise, Idaho 83701

Direct: 208-639-3232 ext. 145

Mobile: 208-954-0269

www.clenera.com

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From: Brian Reed <breed@mountain-home.us>
Date: Monday, June 24, 2024 at 8:35 AM
To: Cara Mahler <cara.mahler@clenera.com>
Subject: Re: Crimson Orchard Solar- Conceptual Layout



Cara,

Looking at the conceptual site plan, there are no significant issues that are apparent. We do not have a reason to be concerned at this point about moving forward. Once you have a final detailed plan, we will review site plans, fuels management plans, emergency operations plans and ESS documentation at which point I will complete a plan review report for the site. At that point all of the detailed requirements will be outlined. I have done a couple of these and they are fairly straight forward.

Respectfully,

**Brian W. Reed**

Fire Marshal, CFIT

Mountain Home Fire Department
220 S. 2nd E.
Mountain Home, ID 83647

T (208) 587-2117
M (208) 590-6142
breed@mountain-home.us



From: Cara Mahler <cara.mahler@clenera.com>
Date: Wednesday, June 19, 2024 at 8:51 AM
To: Brian Reed <breed@mountain-home.us>
Subject: Re: Crimson Orchard Solar- Conceptual Layout

Great, thanks Brian.

Cara Mahler | Project Developer

Clēnera - an *Enlight Company*

999 W. Main St., Suite 800 | Boise, Idaho 83702

PO Box 2576 | Boise, Idaho 83701

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From: Brian Reed <breed@mountain-home.us>
Date: Tuesday, June 18, 2024 at 4:40 PM
To: Cara Mahler <cara.mahler@clenera.com>
Subject: Re: Crimson Orchard Solar- Conceptual Layout



Cara,

I will touch base with you next week. I have been selected for jury duty starting Thursday, and am not sure how long it will take. I will get with you as soon as I am done.



Brian W. Reed
Fire Marshal, CFIT

Mountain Home Fire Department
220 S. 2nd E.
Mountain Home, ID 83647

T (208) 587-2117
M (208) 590-6142
breed@mountain-home.us



From: Cara Mahler <cara.mahler@clenera.com>
Date: Tuesday, June 18, 2024 at 4:17 PM
To: Brian Reed <breed@mountain-home.us>
Subject: Crimson Orchard Solar- Conceptual Layout

Hi Brian, we spoke last week regarding a proposed solar project approximately 2.5 miles NW from Mountain Home city limits that is located in the Mountain Home Rural Fire District. I have attached the conceptual layout for your review. As you are probably aware Planning and Zoning wants us to make contact with certain agencies prior to our CUP submittal to see if you have any comments. Once you have had time to review, I would be happy to set up a meeting to discuss in further detail.

Warm regards,

Cara Mahler | Project Developer
Clēnera - an *Enlight Company*
999 W. Main St., Suite 800 | Boise, Idaho 83702
PO Box 2576 | Boise, Idaho 83701
Direct: 208-639-3232 ext. 145
Mobile: 208-954-0269
www.clenera.com

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Attachment F



RE: Crimson Orchard Notice Criteria Tool

From James Scott <james.scott@capitolairspace.com>

Date Thu 10/31/2024 12:42 PM

To Cara Mahler <cara.mahler@clenera.com>



Hello Cara,

Thank you for your message. Based on our cursory assessment, there are no military training routes or airspace in proximity to the solar project. I'm not sure what additional basis the DoD would have to object to the project. Would you like to schedule a time to catch up and discuss what we might be able to do for you?

Sincerely,

James R. Scott

Director of FAA Programs

Senior Project Manager

Capitol Airspace Group
6350 Walker Lane, Suite 450
Alexandria, VA 22310
(571) 303-1124 – Direct
(703) 256-2485 – Office



Capitol Airspace Group

From: Cara Mahler <cara.mahler@clenera.com>

Sent: Thursday, October 31, 2024 12:52 PM

To: James Scott <james.scott@capitolairspace.com>

Subject: Crimson Orchard Notice Criteria Tool

Hi James,

We received from feedback from the county on our Conditional Use Permit and I had a question as a it pertains to our Crimson Orchard Solar project. The County is waiting for the Idaho National Guard and Mountain Home Air Force Base to confirm that towers and structures are compatible with their flight operations. It looks like they normally confirm if the location is compatible with training operations (for IDNG fixed and rotor wing) and flight paths to and from training areas.

Is this something that you guys can analyze?

Thanks,

Cara Mahler | Project Developer

Clēnera - an Enlight Company

999 W. Main St., Suite 800 | Boise, Idaho 83702

PO Box 2576 | Boise, Idaho 83701

Direct: 208-639-3232 ext. 145

Mobile: 208-954-0269

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11/21/24

This is in response to the Crimson Orchard Solar LLC (“the Applicant”) CUP Completeness Memo (“Memo”) that was received on 10/24/2024. Per the Memo below are the outstanding items that were requested at the pre-application meeting with the Planning Director along with an update:

1. Development Agreement with Decommissioning Plan.
 - a. **Applicant Response:** The Development Agreement draft and application are in progress. Please see Attachment A for the draft Decommissioning Plan.
2. Master Site Plan
 - a. **Applicant Response:** Please see Attachment B for the Master Site Plan.
3. Floodplain Application
 - a. **Applicant Response:** The Floodplain Application is currently being completed and will be submitted prior to the Public Workshop.
4. Hillside Data to determine if Hillside Application is needed.
 - a. **Applicant Response:** During the in-person meeting on 11/18/24 the county confirmed no further information is needed on this.
5. Visual Impact Analysis
 - a. **Applicant Response:** The Visual Impact Analysis was submitted via email to the County on 10/29/24.
6. Economic Impact Analysis
 - a. **Applicant Response:** Please see Attachment C for the Economic Impact Analysis.

Attachments:

A: Draft Decommissioning Plan

B: Master Site Plan

C: Economic Impact Analysis

D: Response to HDR’s Determination of Completeness

E: Correspondence with Mountain Home Fire

F: Correspondence with Capitol Airspace

ATTACHMENT

G.1 – G.3

NEIGHBORHOOD MEETING JULY 8,
2024

NEIGHBORHOOD MEETING JULY 9,
2024

1 MILE RADIUS FROM PARCELS



ELMORE COUNTY LAND USE & BUILDING DEPARTMENT

520 East 2nd South • Mountain Home, ID • 83647 • Phone: (208) 587-2142

Fax: (208) 587-2120 • www.elmorecounty.org

Neighborhood Meeting Sign Up Sheet

Date of Neighborhood Meeting: JULY 8, 2024

Start Time of Neighborhood Meeting: 6:00PM

End Time of the Neighborhood Meeting: 8:00PM

Location of Meeting: American legion Post 26 515 E 2nd S st, mountain Home, ID 83647

Description of the proposed project: Crimson Orchard Solar and Battery Project

Notice Sent to neighbors on: June 28, 2024

Location of the neighborhood meeting: American legion Post 26

Attendees:

<u>Name</u>	<u>Address</u>
1. <u>Howe & Pat Akers</u>	<u>511 NW Mashburn Rd</u>
2. <u>LaDonna Williams</u>	<u>998 NW Beaman Rd</u>
3. <u>Wayne & Judy Gossett</u>	<u>4956 NW Tennant Ave</u>
4. <u>Kyle & Kaitelyn Zundel</u>	<u>5573 NW Tennant Ave</u>
5. <u>Alan F. Russell</u>	<u>5515 NW Tennant Ave</u>
6. <u>Debra Busap</u>	<u>5515 NW Tennant Ave</u>
7. <u>Mayor Jackson</u>	<u>165 Carrie Circle</u>
8. <u>Robin Hamilton</u>	<u>5556 NW Tennant AVE</u>
9. _____	_____
10. _____	_____

- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____

Neighborhood Meeting Certification:

Applicants shall conduct a neighborhood meeting for comprehensive plan amendments, variance, conditional uses, zoning ordinance map amendments and expansions or extensions of nonconforming uses as per Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-3.

Applicant:

Name: Crimson Orchard Solar LLC

Address: c/o Clenera, LLC, 999 W. Main St., Suite 800

City: Boise State: ID Zip: 83702

Telephone: (208) 639-3232 Fax: _____

I certify that a neighborhood meeting was conducted at the time and location noted on this form and in accord with the Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-

- 3. Crimson Orchard Solar LLC
- By: CRE-Crimson Orchard Idaho LLC, its Sole Member
- By: Clenera DevCo, LLC, its Sole Member
- By: Clenera Holdings, LLC, its Sole Member

Signed by:

Dustin Thompson

8/6/2024

Signature: (Applicant)

Date



ELMORE COUNTY LAND USE & BUILDING DEPARTMENT

520 East 2nd South • Mountain Home, ID • 83647 • Phone: (208) 587-2142

Fax: (208) 587-2120 • www.elmorecounty.org

Neighborhood Meeting Sign Up Sheet

Date of Neighborhood Meeting: 7/9/24

Start Time of Neighborhood Meeting: 6:00 PM

End Time of the Neighborhood Meeting: 8:00 PM

Location of Meeting: American Legion Post 26 515 E 2nd S street, Mountain Home, ID, 83647

Description of the proposed project: crimson orchard solar and Battery project

Notice Sent to neighbors on: 6/28/24

Location of the neighborhood meeting: American Legion Post 26

Attendees:

	<u>Name</u>	<u>Address</u>
1.	<u>Nathy Brooks</u>	<u>101 Mtn. View Dr mH</u>
2.	<u>Row Parks</u>	<u>183 E Red Rock Meridian</u>
3.	<u>STAN SCOTT</u>	<u>3850 SUNSET ST. P.</u>
4.	<u>George Rehier</u>	<u>16980 N Orch Ct 83687</u>
5.	<u>Misty Pierce</u>	<u>418 Oak Ct 83647</u>
6.	<u>Reggie Pierce</u>	<u>418 Oak Ct 83647</u>
7.	<u>Robert Stants</u>	<u>1873 Rock Rd 83647</u>
8.	<u>Cathy Ireland</u>	<u>7770 Canyon Creek</u>
9.	<u>Erin Ireland</u>	<u>7770 Canyon Creek 83647</u>
10.	<u>Patty Stants</u>	<u>1873 Rock Rd 83647</u>

- 11. Paula Amber 2040 SW Quicker-Iner Dr.
- 12. Guy Amber " " " "
- 13. Jenny Winkala 1040 N 15E
- 14. TIM O'CONNOR 1015 N 15TH EAST
- 15. Sonie Lell 5111 N.W Standush Ave
- 16. Linda Louise Lell 5057 N.W Standush Ave
- 17. Greene 1289 NW Beaman St.
- 18. Heidi Cole 805 NW Beaman St.
- 19. _____
- 20. _____

Neighborhood Meeting Certification:

Applicants shall conduct a neighborhood meeting for comprehensive plan amendments, variance, conditional uses, zoning ordinance map amendments and expansions or extensions of nonconforming uses as per Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-3.

Applicant:

Name: Crimson Orchard Solar LLC

Address: c/o Clenera, LLC, 999 W. Main St., Suite 800

City: Boise State: Idaho Zip: 83702

Telephone: (208) 639-3232 Fax: _____

I certify that a neighborhood meeting was conducted at the time and location noted on this form and in accord with the Elmore County Zoning and Development Ordinance Title 7 Chapter 3 Section 7-3-

- 3. Crimson Orchard Solar LLC
- By: CRE-Crimson Orchard Idaho LLC, its Sole Member
- By: Clenera DevCo, LLC, its Sole Member
- By: Clenera Holdings, LLC, its Sole Member

Signed by:
Dustin Thompson
DDEE2BB27EBD45D...
 Signature: (Applicant)

8/6/2024
 Date

PARCEL #	OWNER	ADDRESS 1
RP02S06E330010	U S A	IDAHO STATE OFFICE
RP02S06E340010	U S A	IDAHO STATE OFFICE
RP02S06E347800	STATE OF IDAHO	P O BOX 83720
RP02S06E350010	U S A	IDAHO STATE OFFICE
RP03S06E154200	NICHELSON, GERALD L & CHARLES	1833 NW FRONTAGE ROAD
RP03S06E151040	STATE OF IDAHO	P O BOX 8028
RP03S06E150020	COLE, HERBERT RALPH	805 NW BEAMAN
RP03S06E150030	COLE, HERBERT RALPH	805 NW BEAMAN
RP001090020050	RICH, JIM F	5156 NW TENNANT AVE
RP001090020060	CROFT, STERLING	5224 NW TENNANT AVE
RP001090020080	PERKINS, EZEKIEL D	5364 NW TENNANT AVE
RP001090020070	STENGEL, FREDRICK P C III	5330 NW TENNANT AVE
RP001090020100	SALTY CUCUMBER NW TENNANT	9169 W STATE ST STE 1449
RP001090020090	NESBITT, JANET LEE HAMERLY	5404 NW TENNANT AVE
RP03S06E155200	STATE OF IDAHO	P O BOX 8028
RP03S06E200010	STATE OF IDAHO	P O BOX 83720
RP03S06E210010	U S A	IDAHO STATE OFFICE
RP03S06E088000	MTN HOME HIGHWAY DISTRICT	P O BOX 756
RP03S06E081890	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E097100	STATE OF IDAHO	P O BOX 83720
RP03S06E167840	STATE OF IDAHO	P O BOX 83720
RP03S06E095410	MOODY MOORE LTD PARTNERSHIP	P O BOX 978
RP03S06E109690	LOLL-ORTON, LINDA LOU	5057 NW STANDISH AVE
RP03S06E107210	LOLL, PAUL WILLIAM SR	5111 NW STANDISH AVE
RP03S06E107240	PHEIFER, GARY	5003 NW STANDISH AVE
RP03S06E063010	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E066110	J R SIMPLOT COMPANY	ATTN: CORPORATE SECRETARY
RP03S06E103050	IDAHO POWER COMPANY	PROPERTY TAX DEPT
RP03S06E101210	MTN HOME HIGHWAY DISTRICT	P O BOX 756
RP03S06E112410	IRELAND, CALVIN	153 NE AKE DR
RP03S06E070210	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E154010	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E155400	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E169800	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E153640	DEMEYER, LINDA A	P O BOX 1240
RP03S06E153650	BOUCK, THERESA L	3250 SUNSET STRIP
RP03S06E153010	JORDAN, CHARLES E	C/O EDWARD JORDAN
RP03S06E160050	OCF II HOLDINGS LLC	2208 E SUMMERSWEET
RP03S06E153810	OCF II HOLDINGS LLC	2208 E SUMMERSWEET
RP03S06E160300	STATE OF IDAHO	P O BOX 8028
RP03S06E160110	OCF II HOLDINGS LLC	2208 E SUMMERSWEET
RP03S06E150370	WELCH-WHITAKER, CANDY J	1055 NW FRONTAGE ROAD
RP03S06E160215	FAR WEST	1240 NW BEAMAN

RP03S06E096710	PORTER HOGAN CHARITABLE	ATTN: JENNIFER MEEKS
RP03S06E096610	N & G INC	4000 NE HAWKS DR
RP03S06E090450	STATE OF IDAHO	P O BOX 8028
RP03S06E106310	HARTWELL, LEHI SAMUEL	18632 NE SYRUP CREEK ROAD
RP03S06E153020	SZAFRANSKI, PAULA G	2177 NW FRONTAGE ROAD
RP03S06E153410	JORDAN, CHARLES E	C/O EDWARD JORDAN
RP03S06E153210	OCF II HOLDINGS LLC	2208 E SUMMERSWEET
RP03S06E160010	OCF II HOLDINGS LLC	2208 E SUMMERSWEET
RP03S06E098500	WARILA, NICHOLAS W	3872 DITTO CREEK ROAD
RP03S06E109410	WHIPPLE, PHYLLIS M	1106 NW BEAMAN
RP03S06E109450	WHIPPLE, PHYLLIS M	1106 NW BEAMAN
RP03S06E109610	WITHERS, DEAN	998 NW BEAMAN
RP03S06E109660	WITHERS, DEAN	998 NW BEAMAN
RP03S06E107250	PFEIFER, GARY G	5003 NW STANDISH AVE
RP03S06E114010	IDAHO POWER COMPANY	PROPERTY TAX DEPT
RP03S06E109430	WHIPPLE, PHYLLIS M	1106 NW BEAMAN
RP03S06E101310	MTN HOME HIGHWAY DISTRICT	P O BOX 756
RP03S06E114510	MTN HOME IRRIGATION DISTRICT	140 S 3RD E
RP03S06E172410	SIMPLOT CO, J R	ATTN: CORPORATE SECRETARY
RP03S06E085610	J R SIMPLOT COMPANY	ATTN: CORPORATE SECRETARY
RP03S06E033600	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E031810	IRELAND, CALVIN	153 NE AKE DR
RP03S06E114860	BIDEGANETA, JOHN C	4749 CANYON CREEK ROAD
RP03S06E160715	N & G INC	4000 NE HAWKS DR
RP03S06E089010	MOODY MOORE LTD PARTNERSHIP	P O BOX 978
RP03S06E034810	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E077810	J R SIMPLOT COMPANY	ATTN: CORPORATE SECRETARY
RP03S06E114520	MTN HOME HIGHWAY DISTRICT	P O BOX 756
RP03S06E152440	NICHELSON, CHARLES B	1833 NW FRONTAGE ROAD
RP00109001006E	MATTOX, JESSE DANIEL	5223 NW TENNANT AVE
RP001090010050	WHITE, CLAIR C	5181 NW TENNANT AVE
RP00109001006C	CLARK, JENNIFER LYN	5251 NW TENNANT AVE
RP001090010070	MCCULLEY, LUCAS JOHN	5359 NW TENNANT AVE
RP001090010080	BERRIOCHOA, MARY ANN	5369 NW TENNANT AVE
RP001090010090	PRICE, CORY	5439 NW TENNANT AVE
RP001090010100	JAMIESON, CLIFFORD	5491 NW TENNANT AVE
RP001090010110	RUSSELL, ALLEN T	5515 NW TENNANT AVE
RP001090010120	ZUNDEL, KYLE T	5573 NW TENNANT AVE
RP00109001002A	CARRICO, GREG L	214 GROVE PLACE
RP001090010040	SCOTT, TIMOTHY E	1655 E SAHARA AVE
RP03S06E170010	STATE OF IDAHO	P O BOX 83720
RP03S06E070600	STATE OF IDAHO	P O BOX 83720
RP03S06E080010	U S A	IDAHO STATE OFFICE
RP03S06E040010	U S A	IDAHO STATE OFFICE

RP03S06E030010	U S A	IDAHO STATE OFFICE
RP03S06E022400	U S A	IDAHO STATE OFFICE
RP03S06E060010	U S A	IDAHO STATE OFFICE
RP03S06E050010	U S A	IDAHO STATE OFFICE
RP03S06E180010	STATE OF IDAHO	P O BOX 83720
RP03S06E150040	COTTON, RAYMOND E	1243 NW BEAMAN
RP03S06E150210	WITHERS, LADONNA MARIE	998 NW BEAMAN ST
RP03S06E150620	GREENE, INGE H LE	1289 NW BEAMAN
RP03S06E150610	WITHERS, LADONNA MARIE	998 NW BEAMAN ST
RP03S06E152465	NICHELSON, CHARLES	1833 NW FRONTAGE ROAD
RP03S06E152460	NICHELSON FAMILY LLC	C/O CHARLES B NICHELSON
RP03S06E108880	STOECKER, RAE ANN	1290 NW BEAMAN
RP03S06E108910	HIDDLESTON, EVAN	1158 NW BEAMAN
RP001090020120	HAMILTON, ROBIN J	5556 NW TENNANT AVE
RP001090020110	CRISMAN, BRUCE L	220 NW CARRIE CIRCLE
RP03S06E114850	AKERS, PATRICK PAUL	511 NW MASHBURN ROAD
RP03S06E114870	CANTRELL, TODD	4711 CANYON CREEK ROAD
RP03S06E021820	IRELAND, CALVIN & JOYCE	153 NE AKE DR
RP03S06E150325	LUSARDI, JAMES D	4486 NW EAGLEY LANE
RP03S06E152065	LUPERCIO, MIGUEL A SR	4320 NW EAGLEY LANE
RP03S06E106610	STICKNOTH 160 LLC	1171 MAYFIELD ROAD
RP03S06E097300	STICKNOTH 160 LLC	1171 MAYFIELD ROAD
RP03S06E105400	SIMPLOT CO, J R	C/O RON GRAVES
RP03S06E104815	STAKER & PARSON COMPANIES	2350 S 1900 W
RP03S06E090080	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E103040	J R SIMPLOT COMPANY	P O BOX 27
RP03S06E108810	FACKRELL, MARK	1717 SUNSET LANE
RP03S06E108920	HIDDLESTON & SON INC	1240 NW BEAMAN
RP03S06E108890	HIDDLESTON & SON INC	1240 NW BEAMAN
RP03S06E101700	MTN HOME HIGHWAY DISTRICT	P O BOX 756
RP03S06E100810	MTN HOME HIGHWAY DISTRICT	P O BOX 756
RP03S06E109420	WHIPPLE, PHYLLIS M	1106 NW BEAMAN
RP03S06E100010	STATE OF IDAHO	P O BOX 8028
RP03S06E031225	IRELAND RANCH LLC	196 NE AKE DR
RP003260010010	BLUE SAGE HOMEOWNERS	P O BOX 624
RP003260010020	OVERMAN, LYNNETTE YVONNE	4600 NW PURPLE SAGE CIRCLE
RP003260010030	LAKEMAN, ALLAN	4590 NW PURPLE SAGE CIRCLE
RP003260010040	VITELA, ORALIA MORA	4580 NW PURPLE SAGE CIRCLE
RP003260010050	CASTRO, VICTOR M	4570 NW PURPLE SAGE CIRCLE
RP003260010060	SORIA, JOSEPH	4560 NW PURPLE SAGE CIRCLE
RP003260010070	INTERMOUNTAIN DEVELOPMENT CORP	P O BOX 624
RP003260010080	THOMPSON, TED E	4540 NW PURPLE SAGE CIRCLE
RP003260020100	PERRYMAN, EMILY ROSE	4525 NW PURPLE SAGE CIRCLE
RP003260020090	BUDELL, DEREK P	4535 NW PURPLE SAGE CIRCLE

RP003260020080	BLAKEMORE, SCOTT D	4545 NW PURPLE SAGE CIR
RP003260020070	RITCHIE, DANNY	4555 NW PURPLE SAGE CIR
RP003260020060	JENSEN, JOHN	4565 NW PURPLE SAGE CIRCLE
RP003260020050	KLOEPFER FAMILY 2020 REVOCABLE	4575 NW PURPLE SAGE CIRCLE
RP003260020040	LIPSETT FAMILY LIVING	10421 W ARNOLD ROAD
RP003260020030	BELL, JULIA	4595 NW PURPLE SAGE CIRCLE
RP003260020020	DICK, ANDREW J	4605 NW PURPLE SAGE CIRCLE
RP003260020010	BLUE SAGE HOMEOWNERS	P O BOX 624
RP003300010200	BRAGG, JENNIFER ANN	4420 NW PURPLE SAGE CIRCLE
RP003300010210	THOMASON, KASEY	841 NE SAND PEBBLES LANE
RP003300010220	RANDY W TACKETT TRUST	13798 CHRISTIAN BARRETT DR
RP003300010230	WILLIAMS, STEPHEN S	4390 NW PURPLE SAGE CIRCLE
RP003300010240	ENDICOTT, KYLE	4380 NW PURPLE SAGE CIRCLE
RP003300010250	SOTELO, HUMBERTO	4370 NW PURPLE SAGE CIR
RP003300020140	YOUNG, RICHARD	P O BOX 847
RP003300020150	LAU, STEVEN C	4395 NW PURPLE SAGE CIRCLE
RP003300020160	BENNETT, ROBERT	4385 NW PURPLE SAGE CIRCLE
RP003300020180	READER, ERIC	4365 NW PURPLE SAGE CIRCLE
RP003300020170	BYRNE, RANDALL B	4375 NW PURPLE SAGE CIR
RP003300010260	WILLIAMS, LYNN ANN	4360 NW PURPLE SAGE CIRCLE
RP003300010270	STREB, MARK A	4350 NW PURPLE SAGE CIRCLE
RP003300010280	CHESNUTT, WILLIAM S	4340 NW PURPLE SAGE CIRCLE
RP003300010290	AKERS, BRIAN	47715 VIA MONTIGO
RP003300010300	HARVEY, MATTHEW B	4320 NW PURPLE SAGE CIRCLE
RP003300010310	HOWARD, RACHEL NICOLE	4310 NW PURPLE SAGE CIRCLE
RP003300010330	BLUE SAGE HOMEOWNERS	P O BOX 624
RP003300010320	ELIEZER CONSTRUCTION GROUP LLC	12635 W GAMBREL ST
RP003300020190	STOFFERAHN, LORAIN	4355 NW PURPLE SAGE CIRCLE
RP003300020200	WILSON, JOHN D	4345 NW PURPLE SAGE CIRCLE
RP003300020210	GONZALES, SHAUNA	4335 NW PURPLE SAGE CIR
RP003300020220	TACKETT, KARLA	4325 NW PURPLE SAGE CIRCLE
RP003300020230	ANDERSON, KARL G	4315 NW PURPLE SAGE
RP003300020240	BLUE SAGE HOMEOWNERS	P O BOX 624
RP003300030010	BLUE SAGE HOMEOWNERS	P O BOX 624
RP03S06E099000	BROWN, VICTOR R	6920 RIVA RIDGE DR SE
RP03S06E098845	MOUNTAIN HOME COMMERCIAL LLC	405 S MAIN ST STE 800
RP03S06E098850	N & G INC	4000 NE HAWKS DR
RP03S06E150330	LUSARDI, JAMES D	4486 NW EAGLEY LANE

ADDRESS 2	CITY	STATE	ZIP	PROPERTY ADDRESS
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
	BOISE	ID	83720	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
	MTN HOME	ID	83647	
	BOISE	ID	83707	
	MTN HOME	ID	83647	805 NW BEAMAN
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	5156 NW TENNANT AVE
	MTN HOME	ID	83647	5224 NW TENNANT AVE
	MTN HOME	ID	83647	5364 NW TENNANT AVE
	MTN HOME	ID	83647	5330 NW TENNANT AVE
	GARDEN CITY	ID	83714	5458 NW TENNANT AVE
	MTN HOME	ID	83647	5404 NW TENNANT AVE
	BOISE	ID	83707	
	BOISE	ID	83720	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
	MTN HOME	ID	83647	
	BOISE	ID	83707	
	BOISE	ID	83720	
	BOISE	ID	83720	
	GAINESVILLE	GA	30503	
	MTN HOME	ID	83647	5057 NW STANDISH AVE
	MTN HOME	ID	83647	5111 NW STANDISH AVE
	MTN HOME	ID	83647	
	BOISE	ID	83707	
P O BOX 27	BOISE	ID	83707	
P O BOX 70	BOISE	ID	83707	1862 NW MASHBURN RD
	MTN HOME	ID	83647	1208 NW MASHBURN RD
	MTN HOME	ID	83647	
	BOISE	ID	83707	
	BOISE	ID	83707	
	BOISE	ID	83707	
	BOISE	ID	83707	2380 NW GRANARY RD
	MTN HOME	ID	83647	4130 NW SUMMER RAIN DR
	MTN HOME	ID	83647	3250 SUNSET STRIP
5921 W CISCO ST	BEVERLY HILLS	FL	34465	
STE 170215	BOISE	ID	83716	
STE 170215	BOISE	ID	83716	
	BOISE	ID	83707	
STE 170215	BOISE	ID	83716	3850 SUNSET STRIP
	MTN HOME	ID	83647	1055 NW FRONTAGE RD
	MTN HOME	ID	83647	

3048 CHATTAHOOCHEE TRACE	GAINESVILLE	GA	30506	
	MTN HOME	ID	83647	
	BOISE	ID	83707	2586 NW FRONTAGE RD
	MTN HOME	ID	83647	2384 NW FRONTAGE RD
	MTN HOME	ID	83647	2177 NW FRONTAGE RD
5921 W CISCO ST	BEVERLY HILLS	FL	34465	
STE 170215	BOISE	ID	83716	W 34TH N
STE 170215	BOISE	ID	83716	2385 NW FRONTAGE RD
	MTN HOME	ID	83647	3872 DITTO CRK RD
	MTN HOME	ID	83647	1106 NW BEAMAN
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	998 NW BEAMAN
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	5003 NW STANDISH AVE
P O BOX 70	BOISE	ID	83707	
	MTN HOME	ID	83647	1070 NW BEAMAN
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	5015 CANYON CRK RD
P O BOX 27	BOISE	ID	83707	
P O BOX 27	BOISE	ID	83707	
	BOISE	ID	83707	
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	4749 CANYON CRK RD
	MTN HOME	ID	83647	
	GAINESVILLE	GA	30503	
	BOISE	ID	83707	
P O BOX 27	BOISE	ID	83707	
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	1833 NW FRONTAGE RD
	MTN HOME	ID	83647	5223 NW TENNANT AVE
	MTN HOME	ID	83647	5181 NW TENNANT AVE
	MTN HOME	ID	83647	5251 NW TENNANT AVE
	MTN HOME	ID	83647	5359 NW TENNANT AVE
	MTN HOME	ID	83647	5369 NW TENNANT AVE
	MTN HOME	ID	83647	5439 NW TENNANT AVE
	MTN HOME	ID	83647	5491 NW TENNANT AVE
	MTN HOME	ID	83647	5515 NW TENNANT AVE
	MTN HOME	ID	83647	5573 NW TENNANT AVE
	CIBOLO	TX	78108	4965 NW TENNANT AVE
APT # 1121	LAS VEGAS	NV	89104	5117 NW TENNANT AVE
	BOISE	ID	83720	
	BOISE	ID	83720	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	

1387 SOUTH VINNELL WAY	BOISE	ID	83709	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
1387 SOUTH VINNELL WAY	BOISE	ID	83709	
	BOISE	ID	83720	
	MTN HOME	ID	83647	1243 NW BEAMAN
	MTN HOME	ID	83647	998 NW BEAMAN ST
	MTN HOME	ID	83647	1289 NW BEAMAN
	MTN HOME	ID	83647	1267 NW BEAMAN
	MTN HOME	ID	83647	1667 NW FRONTAGE RD
1833 NW FRONTAGE ROAD	MTN HOME	ID	83647	1667 NW FRONTAGE RD
	MTN HOME	ID	83647	1290 NW BEAMAN
	MTN HOME	ID	83647	1158 NW BEAMAN
	MTN HOME	ID	83647	5556 NW TENNANT AVE
	MTN HOME	ID	83647	5460 NW TENNANT AVE
	MTN HOME	ID	83647	511 NW MASHBURN RD
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	153 NE AKE DR
	MTN HOME	ID	83647	4486 NW EAGLEY LN
	MTN HOME	ID	83647	4320 NW EAGLEY LN
	BOISE	ID	83710	
	BOISE	ID	83710	
P O BOX 27	BOISE	ID	83707	
STE #100	OGDEN	UT	84401	
	BOISE	ID	83707	
	BOISE	ID	83707	
	TALLAHASSEE	FL	32303	1545 NW BEAMAN
	MTN HOME	ID	83647	1240 NW BEAMAN
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	
	BOISE	ID	83707	
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	4600 NW PURPLE SAGE CIR
	MTN HOME	ID	83647	4590 NW PURPLE SAGE CIR
	MTN HOME	ID	83647	4580 NW PURPLE SAGE CIR
	MTN HOME	ID	83647	4570 NW PURPLE SAGE CIR
	MTN HOME	ID	83647	4560 NW PURPLE SAGE CIR
	MTN HOME	ID	83647	
	MTN HOME	ID	83647	4540 NW PURPLE SAGE CIR
	MTN HOME	ID	83647	4525 NW PURPLE SAGE CIR
	MTN HOME	ID	83647	4535 NW PURPLE SAGE CIR

MTN HOME	ID	83647	4545 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4555 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4565 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4575 NW PURPLE SAGE CIR
BOISE	ID	83714	
MTN HOME	ID	83647	4595 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4605 NW PURPLE SAGE CIR
MTN HOME	ID	83647	
MTN HOME	ID	83647	4420 NW PURPLE SAGE CIR
MTN HOME	ID	83647	
MOORPARK	CA	93021	
MTN HOME	ID	83647	
MTN HOME	ID	83647	4380 NW PURPLE SAGE CIR
MTN HOME	ID	83647	
MTN HOME	ID	83647	4405 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4395 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4385 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4365 NW PURPLE SAGE CIR
MTN HOME	ID	83647	
MTN HOME	ID	83647	4360 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4350 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4340 NW PURPLE SAGE CIR
LA QUINTA	CA	92253	4330 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4320 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4310 NW PURPLE SAGE CIR
MTN HOME	ID	83647	
STAR	ID	83669	4300 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4355 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4345 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4335 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4325 NW PURPLE SAGE CIR
MTN HOME	ID	83647	4315 NW PURPLE SAGE CIR
MTN HOME	ID	83647	
MTN HOME	ID	83647	
TURNER	OR	97392	
SALT LAKE CITY	UT	84111	
MTN HOME	ID	83647	
MTN HOME	ID	83647	