Bryant Development and Review Committee Meeting

Boswell Municipal Complex - City Hall Conference Room

210 SW 3rd Street

Date: January 02, 2025 - **Time:** 9:00 AM

Call to Order

Old Business

New Business

1. **Bethel Middle School** - Solar Field Project

   Joshua Thompson - Requesting Recommendation for Site Plan Approval and Conditional Use Permit for Utility Facility in a Residential Zoning.

   - 0929-POP-01.pdf
   - 0929-STW-01.pdf
   - 0929-APP-02.pdf
   - 0929-PLN-02.pdf

2. **Original Town Bryant - Replat** - Lots 1-3 Block 19

   Hope Consulting - Requesting Recommendation for Approval of Replat

   - 0934-PLT-01.pdf
   - 0934-APP-01.pdf

3. **Original Town Bryant - Lots 1-3 Block 19** - Modification from Heart of Bryant Code

   Rick Johnson - Requesting Recommendation for Approval for Modification from Heart of Bryant Code on First Floor Building Height Requirement

   - 0934-LTR-01.pdf

Permit Report

Adjournments

'Polarization' is Merriam-Webster's 2024 word of the year

Associated Press

The results of the 2024 U.S. presidential election rattled the country and sent shockwaves across the world — or were cause for celebration, depending on who you ask. Is it any surprise then that the Merriam-Webster word of the year is "polarization"?

"Polarization means division, but it's a very specific kind of division," said Peter Sokolowski, Merriam-Webster's editor at large, in an exclusive interview with The Associated Press ahead of Monday's announcement. "Polarization means that we are tending toward the extremes rather than toward the center."

The election was so divisive, many American voters went to the polls with a feeling that the opposing candidate was an existential threat to the nation. According to AP VoteCast, a survey of more than 120,000 voters, about 8 in 10 Kamala Harris voters were very or somewhat concerned that Donald Trump's views — but not Harris' — were too extreme, while about 7 in 10 Trump voters felt the same way about Harris — but not Trump.

The Merriam-Webster entry for "polarization" reflects scientific and metaphorical definitions. It's most commonly used to mean "causing strong disagreement between opposing factions or groupings." Merriam-Webster, which logs 100 million pageviews a month on its site, chooses its word of the year based on data, tracking a rise in search and usage.

Last year's pick was "authentic." This year's comes as large swaths of the U.S. struggle to reach consensus on what is real.

"It's always been important to me that the dictionary serve as a kind of neutral and objective arbiter of meaning for everybody," Sokolowski said. "It's a kind of backstop for meaning in an era of fake news, alternative facts, whatever you want to say about the value of a word's meaning in the culture."

It's notable that "polarization" originated in the early 1800s — and not during the Renaissance, as did most words with Latin roots about science, Sokolowski said. He called it a "pretty young word," in the scheme of the English language. "Polarized is a term that brings intensity to another word," he continued, most frequently used in the U.S. to describe race relations, politics and ideology.

"The basic job of the dictionary is to tell the truth about words," the Merriam-Webster editor continued. "We've had dictionaries of English for 420 years and it's only been in the last 20 years or so that we've actually known which words people look up."

"Polarization" extends beyond political connotations. It's used to highlight fresh cracks and deep rifts alike in pop culture, tech trends and other industries.

All the scrutiny over Taylor Swift's private jet usage? Polarizing. Beef between rappers Kendrick Lamar and Drake? Polarizing. The International Olympic Committee's decision to strip American gymnast Jordan Chiles of her bronze medal after the Paris Games? You guessed it: polarizing.

Even lighthearted memes — like those making fun of Australian breakdancer Rachael "Raygun" Gunn's performance — or the proliferation of look-alike contests, or who counts as a nepo baby proved polarizing.

Paradoxically though, people tend to see eye to eye on the word itself. Sokolowski cited its frequent use among people across the political spectrum, including commentators on Fox News, MSNBC and CNN.

"It's used by both sides," he said, "and in a little bit ironic twist to the word, it's something that actually everyone agrees on."

Rounding out Merriam-Webster's top 10 words of 2024:

Demure

TikToker Jools Lebron's 38-second video describing her workday makeup routine as "very demure, very mindful" lit up the summer with memes. The video has been viewed more than 50 million times, yielding "huge spikes" in lookups, Sokolowski said, and prompting many to learn it means reserved or modest.

Fortnight

Taylor Swift's song "Fortnight," featuring rapper Post Malone, undoubtedly spurred many searches for this word, which means two weeks. "Music can still send people to the dictionary," Sokolowski said.

Totality

The solar eclipse in April inspired awe and much travel. There are tens of millions of people who live along a narrow stretch from Mexico's Pacific coast to eastern Canada, otherwise known as the path of totality, where locals and travelers gazed skyward to see the moon fully blot out the sun. Generally, the word refers to a sum or aggregate amount — or wholeness.

Resonate

"Texts developed by AI have a disproportionate percentage of use of the word 'resonate,'" Sokolowski said. This may be because the word, which means to affect or appeal to someone in a personal or emotional way, can add gravitas to writing. But, paradoxically, artificial intelligence "also betrays itself to be a robot because it's using that word too much."

Allision

The word was looked up 60 times more often than usual when, in March, a ship crashed into the Francis Scott Key Bridge in Baltimore. "When you have one moving object into a fixed object, that's an allision, not a collision. You're showing that one of the two objects struck was not, in fact, in motion," Sokolowski said.

Weird

This summer on the TV news show "Morning Joe," Minnesota Gov. Tim Walz called Republican leaders "weird." It may have been what launched his national career, landing him as the Democratic vice presidential nominee. Though it's a word that people typically misspell — is it "ei" or "ie"? — and search for that reason, its rise in use was notable, Sokolowski said.

Cognitive

Whether the word was used to raise questions about President Joe Biden's debate performance or Trump's own age, it cropped up often. It refers to conscious intellectual activity — such as thinking, reasoning, or remembering.

Pander

Pander was used widely in political commentary, Sokolowski said. "Conservative news outlets accused Kamala Harris of pandering to different groups, especially young voters, Black voters, gun rights supporters." Whereas Walz said Trump's visit to a McDonald's kitchen pandered to hourly wage workers. It means to say, do, or provide what someone — such as an audience — wants or demands even though it is not "good, proper, reasonable, etc."

Democracy

In 2003, Merriam-Webster decided to make "democracy" its first word of the year. Since then, the word — which, of course, means a form of government in which the people elect representatives to make decisions, policies and laws — is consistently one of the dictionary's most looked up. "There's a poignancy to that, that people are checking up on it," Sokolowski said. "Maybe the most hopeful thing that the curiosity of the public shows, is that they're paying attention."

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Auction

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Legal Notices

Stealth Recovery Team, LLC
2221 Shady Pine Street, Bryant, AR 72022
Mailing Address: Po Box 759, Benton, AR
Phone 501-776-3838

By Arkansas Law everything has been done to notify the owners and Lienholders of the following vehicles:

1997 Toyota Camry	4T1BG22K2VU078242
2002 Honda Accord	1HMCG56672C017010
2004 Buick Century	2G4WS552841282207
2012 Dodge Caliber	1C3CDWEA6CD509324
2003 Honda Odessey	5FNRL18963B030388
2008 Chevy Malibu	1G1ZJ57768F265818
1999 Lincoln Navigator	SLMRU27AXLJ36936
2011 Mazda 5	JM1CW2BL9C0127221
2016 Dodge Journey	3C4PDCGB2GT106913
2010 Cadillac CTS	1G6DE5EG5A0124078
2009 Chevy Cobalt	1G1AT18H997135857
1985 Honda Traxx	JH3TE1401JK032690

The above-mentioned vehicles are being stored at Stealth Recovery Team, LLC 2221 Shady Pine Street, Bryant, AR 72022. All parties that feel they have any claim to the above-mentioned vehicles must contact Larry Chase at Stealth recovery Team, LLC 501-776-3838 within 10 days of this notice. The owners and lienholders have been notified by certified mail, or are unknown. The vehicle's will be sold by in person by sealed bid at a non-judicial public sale on Tuesday December 17, 2024 at 10:00 am.

Auction

FIREARMS AUCTION- LIVE, ONLINE & PHONE BIDDING - December 13th at 1pm & 14th at 10am. Military, Modern, Sporting & Classic Firearms. www.montroseauction.com 478-376-4559 Greensboro, GA, GAL 2006

Services

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Prepare for power outages today with a GENERAC home standby generator $0 Money Down + Low Monthly Payment Options. Request a FREE Quote – Call now before the next power outage: 1-877-319-0598

Announcements

JACKSONVILLE'S ALL LIT UP! See Holiday lights and displays at the city facilities on Municipal Drive. HAPPY HOLIDAYS!

Time to get your own place? Check out the Rental Section in today's Classifieds.

Classifieds Work!

Help Wanted

CLASS A /B DUMP TRUCK COMPANY DRIVERS! NW AR Area, Weekly Pay! NEW Equipment, local routes, home every night. Life and Health Insurance, pay percentage of truck gross. 3 yrs driving exp., 1 violation, no accidents. Family Owned & Local. Call us at: 479-233-3907

Independent Owner/Operators, END DUMP TRUCKS, NW AR Area, We Pay on Time!! Local Routes, Steady Work. Pay Every Week. Family Owned & Local. Call us at: 479-233-3907

Pets and Supplies

Get Rid of Nuisance Squirrels - OMCBA Registered Squirrel Dog - Champion Bloodline, 7 months old., (Original Mtn. Cur Breeders Assoc.), CALL: 501-658-8515, James Bakalekos, Jacksonville, AR

Legal Notices

NOTICE

Notice is hereby given that a hearing will be held by the Planning Commission of the City of Benton, AR on the 7th day of January, 2025 at 6:00 pm at Benton City Hall 114 South East Street on the petition of Tim Fulks for Variance Approval for reduction of side setback lines on following lands to wit:

LEGAL DESCRIPTION: LOT 2, NORTHSHORE AT HURRICANE LAKE ESTATES, PHASE 3, BENTON, SALINE COUNTY, ARKANSAS.

Please contact Hope Consulting, Inc., 129 N. Main Street, City of Benton, Saline County, Arkansas. 501-315-2826 with questions.

Legal Notices

NOTICE OF PUBLIC HEARING

A public hearing will be held on Monday, January 13th, 2025 at 6:00 P.M. at the Bryant City Office Complex, 210 Southwest 3rd Street, City of Bryant, Saline County, for the purpose of public comment on a conditional use request at the site of 8665, 5415 Northlake Rd, Alexander, AR 72002(address). A legal description of this property can be obtained by contacting the Bryant Department of Community Development.

Lance Penfield
Chairman of Planning Commission
City of Bryant

Legal Notices

NOTICE
IN THE CIRCUIT COURT OF SALINE COUNTY, ARKANSAS
FOURTH DIVISION

ESTATE OF SHEILA K. HARTSFIELD, DECEASED
LAST KNOWN ADDRESS: 53 Loyola Drive
Hot Springs Village, Arkansas 71909
DATE OF DEATH: October 8, 2024
DOCKET NO.: 63PR-24-604-4

AFFP

NOTICE OF PUBLIC HEARING

Affidavit of Publication

STATE OF ARKANSAS }
COUNTY OF SALINE } SS

, being duly sworn, says:

That she is Lisa McElrath of the The Saline Courier, a daily newspaper of general circulation, printed and published in Benton, Saline County, Arkansas; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

December 10, 2024

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

Lisa McElrath

Subscribed to and sworn to me this 10th day of December 2024.

Rhonda Overbey, Notary, Saline County, Arkansas

My commission expires: January 29, 2033

RHONDA OVERBEY
Notary Public - Arkansas
Saline County
Commission # 12721758
My Commission Expires Jan 29, 2033

01124611 00182249

Joshua Thompson (28)
44 Isbell Lane
Little Rock, AR 72223

NOTICE OF PUBLIC HEARING
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Lance Penfield
Chairman of Planning Commission
City of Bryant

3512 S Shackleford Road
Little Rock, AR 72205
D (501) 943-1029
M (870) 615-4232
cvickers@pmico.com

July 16th, 2024

United States Army Corps of Engineers
Little Rock District – Regulatory Division
700 West Capitol, Room 7530
Little Rock, Arkansas 72201

RE: Scenic Hill Solar – Bryant, AR
Scenic Hill Solar – USACE Delineation & Concurrence

Dear Sir or Madam,

PMI visited the proposed Scenic Hill Solar Bryant site on July 12th, 2024, and July 15th, 2024, to conduct a wetland and stream delineation. The proposed site is located approximately 0.1 miles east from the intersection between Zuber Road and Lena Drive in Byant, Arkansas. Refer to Appendix A Site Maps for the approximate property boundary. Scenic Hill Solar anticipates construction in the near future and requests a United States Army Corps of Engineers (USACE) concurrence letter on this site.

Jurisdictional Findings

PMI conducted a wetland and stream delineation regarding the presence of jurisdictional wetlands and waters of the United States. The property was investigated for the presence of hydrophytic vegetation, hydric soils, and wetland hydrology as the three parameters required by the USACE wetland determination data form. Three streams, three wetlands, and one pond were identified on the property during the site visit. Data points reflecting these findings are attached as Appendix B and site photographs are attached as Appendix C.

Intermittent Stream A

Intermittent Stream A is a jurisdictional stream that flows from east to southwest and is approximately 1,544 linear feet within the site. This stream is an unnamed tributary to Hurricane Creek. Good flow and a well-defined bed and bank were noted at the time of the site visit. The presence of minnows was also noted during the site visit. Soils are mapped as the hydric unit Caddo-Messer variants complex.

Intermittent Stream B

Intermittent Stream B is a jurisdictional stream that flows from north to southwest and is approximately 380 linear feet within the site. This stream is an unnamed tributary to Hurricane Creek. Good flow and a well-defined bed and bank were noted at the time of the site visit. The presence of minnows was also noted during the site visit. Soils are mapped as the hydric unit Caddo-Messer variants complex.

Ephemeral Stream C

Ephemeral Stream C is a nonjurisdictional roadside ditch that flows from north to south and is approximately 916 linear feet within the site. This stream is an unnamed tributary to Hurricane Creek. Poor flow and a poorly defined bed and bank were noted at the time of the site visit. This stream is nonjurisdictional due to the poor stream characteristics noted at the time of the site visit. Soils are mapped as the hydric unit Caddo-Messer variants complex and Carnasaw-Townley association, undulating. Ephemeral Stream C is considered nonjurisdictional and was mapped for planning purposes.

Ponds

Jurisdictional Pond A is located in the central western portion of the property and is approximately 0.1 acres within the site. Pond A has a hydrological surface connection to downgradient features through Intermittent Stream A. Soils are mapped as the hydric unit Caddo-Messer variants complex.

Jurisdictional Wetland A

Wetland A is located in the central western portion of the property and is approximately 0.1 acres within the site. The jurisdictional wetland is connected to Intermittent Stream A and is associated with Wetland Data Point 1. Wetland hydrology indicators consisted of saturation, drift deposits, and water-stained leaves at the time of the site visit. Vegetation within the wetland consisted of *Quercus falcata, Acer negundo,* and *Elephantopus nudatus*. Soils are mapped as the hydric unit Caddo-Messer variants complex, and in-field samples revealed a hydric soil.

Jurisdictional Wetland B

Wetland B is located in the southwestern portion of the property and is approximately 0.4 acres within the site. The jurisdictional wetland is connected to Intermittent Stream A and is associated with Wetland Data Point 3. Wetland hydrology indicators consisted of surface water, surface saturation, drift deposits, and water-stained leaves at the time of the site visit. Vegetation within the wetland consisted of *Quercus falcata, Acer negundo, Ulmus americana, Alternanthera*

philoxeroides, and *Ludwigia alternifolia*. Soils are mapped as the hydric unit Caddo-Messer variants complex, and in-field samples revealed a hydric soil.

Jurisdictional Wetland C

Wetland C is located in the northeastern portion of the property and is approximately 0.5 acres within the site. The jurisdictional wetland is connected to Intermittent Stream A and is associated with Wetland Data Point 8. Wetland hydrology indicators consisted of surface water, surface saturation and water-stained leaves at the time of the site visit. Vegetation within the wetland consisted of *Quercus falcata, Acer negundo, Ampelopsis arborea,* and *Alternanthera philoxeroides*. Soils are mapped as the hydric unit Caddo-Messer variants complex, and in-field samples revealed a hydric soil.

Upland Data Points

Five upland data points were recorded during the site visit and are attached as Appendix B. These data points are representative of the upland portions of the site which consists of wooded areas.

Data Point 2 is located in the central western portion of the site. Wetland hydrology indicators were not present at the time of the site visit. Vegetation consisted of *Quercus falcata, Acer negundo,* and *Ulmus americana.* Soils are mapped as the hydric unit Caddo-Messer variants complex, and in-field samples revealed a hydric soil.

Data Point 4 is located in the western portion of the site. Wetland hydrology indicators were not present at the time of the site visit. Vegetation consisted of *Quercus falcata, Acer negundo, Ulmus americana,* and *Ambrosia artemisiifolia*. Soils are mapped as the hydric unit Caddo-Messer variants complex, but in-field samples revealed a non-hydric soil.

Data Point 5 is located in the northwestern portion of the site. Wetland hydrology indicators were not present at the time of the site visit. Vegetation consisted of *Plantanus occidentalis, Pinus taeda,* and *Carya ovata*. Soils are mapped as the hydric unit Caddo-Messer variants complex, and in-field samples revealed a hydric soil.

Data Point 6 is located in the southeastern portion of the site. Wetland hydrology indicators were not present at the time of the site visit. Vegetation consisted of *Pinus taeda* and *Coptis trifolia.* Soils are mapped as the non-hydric unit Carnasaw-Towley association, undulating, and in-field samples revealed a non-hydric soil.

Data Point 7 is located in the northeastern portion of the site. Wetland hydrology indicators were not present at the time of the site visit. Vegetation consisted of *Quercus falcata, Quercus phellos,*

Ludwigia alternifolia, Verbesina virginica, and *Senecia hieraciifolius.* Soils are mapped as the hydric unit Caddo-Messer variants complex, but in-field samples revealed a non-hydric soil.

Summary

On behalf of Scenic Hill Solar, PMI requests a USACE concurrence letter to confirm the locations of jurisdictional features within the site. Scenic Hill Solar plans to avoid these jurisdictional features during construction and use best management practices when working around them. Jurisdictional features will require a USACE permit if modified during construction. If additional information is required, please do not hesitate to contact me, at cvickers@pmico.com or 501-943-1029, or John Metrailer, at jmetrailer@pmico.com or 501-221-7122.

Sincerely,

PMI

Canyon Vickers

Canyon Vickers
Staff Scientist

Appendix A

Site Maps

AMALIE DR

LENA DR

ZUBER RD

UPLAND DATA POINT 5

JURISDICTIONAL INTERMITTENT STREAM B 380 LINEAR FEET

JURISDICTIONAL WETLAND C 0.5 ACRES

NONJURISDICTIONAL EPHEMERAL STREAM C 916 LINEAR FEET

WETLAND DATA POINT 3

JURISDICTIONAL WETLAND A 0.1 ACRES

WETLAND DATA POINT 8

UPLAND DATA POINT 4

UPLAND DATA POINT 7

WETLAND DATA POINT 1

JURISDICTIONAL INTERMITTENT STREAM A 1544 LINEAR FEET

UPLAND DATA POINT 2

JURISDICTIONAL WETLAND B 0.4 ACRES

JURISDICTIONAL POND A 0.1 ACRES

UPLAND DATA POINT 6

JURISDICTIONAL INTERMITTENT STREAM A 1544 LINEAR FEET

N

SCALE:
150' 0 150' 300'

SHEET TITLE: AERIAL IMAGERY WITH JURISDICTIONAL FEATURES

PROJECT TITLE: BRYANT USACE
SCENIC HILL SOLAR
BRYANT, ARKANSAS

REVISIONS:

NO:	DATE:	DESCRIPTION:	BY:

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES
3512 SOUTH SHACKLEFORD RD
LITTLE ROCK, ARKANSAS 72205
PH: (501) 221-7122 FX: (501) 221-7775

DESIGNED BY: CWV
DRAWN BY: CWV
CHECKED BY: CWV
DATE: JULY 15, 2024
SCALE: 1" = 150'

FILE: N:\PROJECTS\2024\KT247212\PROJECT DOCUMENTS (REPORTS-LETTERS-DRAFTS TO CLIENTS)\USACE\DRAWING\KT247212_BRYANT_USACE.DWG

JOB NUMBER:
KT247212

SHEET NUMBER:
1

APPROXIMATE PROPERTY BOUNDARY

PUBHh

PUBHh

N

SHEET TITLE:
USGS NATIONAL WETLANDS INVENTORY

PROJECT TITLE:
BRYANT USACE
SCENIC HILL SOLAR
BRYANT, ARKANSAS

REVISIONS:

NO:	DATE:	DESCRIPTION:	BY:

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES
3512 SOUTH SHACKLEFORD RD
LITTLE ROCK, ARKANSAS 72205
PH: (501) 221-7122 FX: (501) 221-7775

DESIGNED BY: CWV
DRAWN BY: CWV
CHECKED BY: CWV
DATE: JULY 11, 2024
SCALE: N.T.S.

FILE: N:\PROJECTS\2024\KT247212\PROJECT DOCUMENTS (REPORTS-LETTERS-DRAFTS TO CLIENTS)\USACE\DRAWING\KT247212_BRYANT_USACE.DWG

JOB NUMBER:
KT247212

SHEET NUMBER:
2

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Lines
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Points
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

N

Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
8	Caddo-Messer variants complex	60	21.0	75.6%
9	Carnasaw-Townley association, undulating	0	6.8	24.5%
Totals for Area of Interest			**27.7**	**100.0%**

SHEET TITLE: USDA SOILS MAP

PROJECT TITLE: BRYANT USACE
SCENIC HILL SOLAR
BRYANT, ARKANSAS

REVISIONS:

NO:	DATE:	DESCRIPTION:	BY:

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES
3512 SOUTH SHACKLEFORD RD
LITTLE ROCK, ARKANSAS 72205
PH: (501) 221-7122 FX: (501) 221-7775

DESIGNED BY: CWV
DRAWN BY: CWV
CHECKED BY: CWV
DATE: JULY 11, 2024
SCALE: N.T.S.

FILE: N:\PROJECTS\2024\KT24721\2\PROJECT DOCUMENTS (REPORTS-LETTERS-DRAFTS TO CLIENTS)\USACE\DRAWING\KT247212_BRYANT_USACE.DWG

JOB NUMBER: KT247212

SHEET NUMBER: 3

Appendix B

Data Points

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 12 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-1

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'7.86"N Long: 92°32'46.53"W Datum: WGS 84

Soil Map Unit Name: Caddo-Messer variants complex NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No _____	**Is the Sampled Area within a Wetland?** **Yes ✓ No _____**
Hydric Soil Present?	Yes ✓	No _____	
Wetland Hydrology Present?	Yes ✓	No _____	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✓ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ✓ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ✓ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes _____	No ✓	Depth (inches): _____
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes ✓	No _____	Depth (inches): 0

Wetland Hydrology Present? Yes ✓ No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-1

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Quercus falcata	30	Yes	FACU
2. Acer negundo	30	Yes	FAC
3.			
4.			
5.			
6.			
7.			
	60 = Total Cover		
50% of total cover: 30	20% of total cover: 12		

Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Herb Stratum (Plot size: 10'x10')			
1. Elephantopus nudatus	10	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	10 = Total Cover		
50% of total cover: 5	20% of total cover: 2		

Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 66.67% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	0
FACW species		x 2 =	0
FAC species	40	x 3 =	120
FACU species	30	x 4 =	120
UPL species		x 5 =	0
Column Totals:	70 (A)		240 (B)

Prevalence Index = B/A = 3.4

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: **DP-1**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 4/2	100					Silt Loam	
3-12	10YR 4/3	100					Silt Loam	
12-16	10YR 5/3	95	10YR 5/6	5	D	M	Silt Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ✓ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- ___ Umbric Surface (F13) **(MLRA 136, 122)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ___ Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) **(MLRA 147)**
- ___ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: roots

Depth (inches): 16

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 12 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-2

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'7.38"N Long: 92°32'47.22"W Datum: WGS 84

Soil Map Unit Name: Caddo-Messer variants complex NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✓
Hydric Soil Present?	Yes ✓	No _____	
Wetland Hydrology Present?	Yes _____	No ✓	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes _____	No ✓	Depth (inches): _____
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes _____	No ✓	Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-2

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Quercus falcata	30	Yes	FACU
2. Acer negundo	20	Yes	FAC
3. Ulmus americana	20	Yes	FACW
4.			
5.			
6.			
7.			
	70 = Total Cover		
50% of total cover: 35	20% of total cover: 14		

Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Herb Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 66.67% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	0
FACW species	20	x 2 =	40
FAC species	20	x 3 =	60
FACU species	30	x 4 =	120
UPL species		x 5 =	0
Column Totals:	70 (A)		220 (B)

Prevalence Index = B/A = 3.1

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? **Yes** ✓ **No** ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: **DP-2**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 4/2	100					Silt Loam	
3-18	10YR 5/2	50	10YR 5/3	50	D	M	Silt Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ✓ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- ___ Umbric Surface (F13) **(MLRA 136, 122)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ___ Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) **(MLRA 147)**
- ___ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✓ **No** ____

Remarks:

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 12 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-3

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'7.10"N Long: 92°32'51.02"W Datum: WGS 84

Soil Map Unit Name: Caddo-Messer variants complex NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No _____	**Is the Sampled Area within a Wetland?** **Yes ✓ No _____**
Hydric Soil Present?	Yes ✓	No _____	
Wetland Hydrology Present?	Yes ✓	No _____	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ✓ Surface Water (A1)
- ___ High Water Table (A2)
- ✓ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ✓ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ✓ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ✓	No _____	Depth (inches): 0-1
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes ✓	No _____	Depth (inches): 0

Wetland Hydrology Present? Yes ✓ No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-3

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Quercus falcata	10	Yes	FACU
2. Acer negundo	20	Yes	FAC
3. Ulmus americana	20	Yes	FACW
4.			
5.			
6.			
7.			
	50 = Total Cover		
50% of total cover: 25	20% of total cover: 10		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		
Herb Stratum (Plot size: 10'x10')			
1. Alternanthera philoxeroides	20	Yes	OBL
2. Ludwigia alternifolia	20	Yes	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40 = Total Cover		
50% of total cover: 20	20% of total cover: 8		
Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 80% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	20	x 1 =	20
FACW species	40	x 2 =	80
FAC species	20	x 3 =	60
FACU species	10	x 4 =	40
UPL species		x 5 =	0
Column Totals:	90 (A)		200 (B)

Prevalence Index = B/A = 2.2

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ✓ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: **DP-3**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/1	95	7.5YR 5/8	5	D	M	Silt Loam	redox at roots

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ✓ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- ___ Umbric Surface (F13) **(MLRA 136, 122)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ___ Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) **(MLRA 147)**
- ___ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: root

Depth (inches): 16

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 12 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-4

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'7.69"N Long: 92°32'50.69"W Datum: WGS 84

Soil Map Unit Name: Caddo-Messer variants complex NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✓	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** ✓
Hydric Soil Present?	Yes _____	No ✓	
Wetland Hydrology Present?	Yes _____	No ✓	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes _____	No ✓	Depth (inches): _____
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes _____	No ✓	Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-4

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Quercus falcata	10	Yes	FACU
2. Acer negundo	10	Yes	FAC
3. Carya ovata	20	Yes	FACU
4.			
5.			
6.			
7.			
	40 = Total Cover		
50% of total cover: 20	20% of total cover: 8		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		
Herb Stratum (Plot size: 10'x10')			
1. Ambrosia artemisiifolia	20	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	20 = Total Cover		
50% of total cover: 10	20% of total cover: 4		
Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 25% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	0
FACW species		x 2 =	0
FAC species	10	x 3 =	30
FACU species	50	x 4 =	200
UPL species		x 5 =	0
Column Totals:	60 (A)		230 (B)

Prevalence Index = B/A = 3.8

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: **DP-4**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-17	10YR 2/1	100					Silt Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- ___ Umbric Surface (F13) **(MLRA 136, 122)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ___ Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) **(MLRA 147)**
- ___ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ **No** ✓

Remarks:

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 12 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-5

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'12.61"N Long: 92°32'49.58"W Datum: WGS 84

Soil Map Unit Name: Caddo-Messer variants complex NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✓
Hydric Soil Present?	Yes ✓	No _____	
Wetland Hydrology Present?	Yes _____	No ✓	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes _____	No ✓	Depth (inches): _____
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes _____	No ✓	Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-5

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Platanus occidentalis	30	Yes	FACW
2. Pinus taeda	30	Yes	FAC
3. Carya ovata	30	Yes	FACU
4.			
5.			
6.			
7.			

90 = Total Cover

50% of total cover: 45 20% of total cover: 18

Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

= Total Cover

50% of total cover: 0 20% of total cover: 0

Herb Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			

= Total Cover

50% of total cover: 0 20% of total cover: 0

Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			

= Total Cover

50% of total cover: 0 20% of total cover: 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 66.67% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	0
FACW species	30	x 2 =	60
FAC species	30	x 3 =	90
FACU species	30	x 4 =	120
UPL species		x 5 =	0
Column Totals:	90 (A)		270 (B)

Prevalence Index = B/A = 3

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ✓ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? **Yes** ✓ **No** ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: **DP-5**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 5/2	100					Silt Loam	
5-18	10YR 5/3	80	10YR 5/6	20	D	M	Silt Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ✓ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- ___ Umbric Surface (F13) **(MLRA 136, 122)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ___ Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) **(MLRA 147)**
- ___ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✓ **No** ____

Remarks:

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 12 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-6

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'5.04"N Long: 92°32'39.89"W Datum: WGS 84

Soil Map Unit Name: Carnasaw-Townley Association, undulating NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✓
Hydric Soil Present?	Yes _____	No ✓	
Wetland Hydrology Present?	Yes _____	No ✓	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes _____	No ✓	Depth (inches): _____
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes _____	No ✓	Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-6

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Pinus taeda	40	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
	40 = Total Cover		
50% of total cover: 20	20% of total cover: 8		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		
Herb Stratum (Plot size: 10'x10')			
1. Coptis trifolia	10	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	10 = Total Cover		
50% of total cover: 5	20% of total cover: 2		
Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	0
FACW species	10	x 2 =	20
FAC species	40	x 3 =	120
FACU species		x 4 =	0
UPL species		x 5 =	0
Column Totals:	50 (A)		140 (B)

Prevalence Index = B/A = 2.8

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ✓ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: **DP-6**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 4/4	100					Silt Loam	
4-18	10YR 5/4	100					Silt Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- ___ Umbric Surface (F13) **(MLRA 136, 122)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ___ Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) **(MLRA 147)**
- ___ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ **No** ✓

Remarks:

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 15 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-7

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'7.92"N Long: 92°32'40.96"W Datum: WGS 84

Soil Map Unit Name: Caddo-Messer variants complex NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✓	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** ✓
Hydric Soil Present?	Yes _____	No ✓	
Wetland Hydrology Present?	Yes _____	No ✓	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes _____	No ✓	Depth (inches): _____
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes _____	No ✓	Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-7

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Quercus falcata	10	Yes	FACU
2. Quercus phellos	20	Yes	FAC
3.			
4.			
5.			
6.			
7.			
	30 = Total Cover		
50% of total cover: 15	20% of total cover: 6		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		
Herb Stratum (Plot size: 10'x10')			
1. Ludwigia alternifolia	20	Yes	FACW
2. Verbesina virginica	10	Yes	UPL
3. Senecio hieraciifolius	10	Yes	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40 = Total Cover		
50% of total cover: 20	20% of total cover: 8		
Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 40% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	0
FACW species	20	x 2 =	40
FAC species	20	x 3 =	60
FACU species	20	x 4 =	80
UPL species	10	x 5 =	50
Column Totals:	70 (A)		230 (B)

Prevalence Index = B/A = 3.3

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: **DP-7**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 4/4	100					Silt Loam	
4-10	10YR 5/4	100					Silt Loam	
10-18	10YR 5/6	100					Silt Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
- ___ Umbric Surface (F13) **(MLRA 136, 122)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ___ Red Parent Material (F21) **(MLRA 127, 147)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) **(MLRA 147)**
- ___ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ **No** ✓

Remarks:

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Scenic Hill Solar USACE / Bryant City/County: Bryant / Saline Sampling Date: 15 Jul, 2024

Applicant/Owner: Scenic Hill Solar State: Arkansas Sampling Point: DP-8

Investigator(s): Canyon Vickers Section, Township, Range: S7 T1S R14W

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): 3-8

Subregion (LRR or MLRA): LRR N Lat: 34°39'8.62"N Long: 92°32'39.89"W Datum: WGS 84

Soil Map Unit Name: Caddo-Messer variants complex NWI classification: PUBHh

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No _____	**Is the Sampled Area within a Wetland?** **Yes ✓ No _____**
Hydric Soil Present?	Yes ✓	No _____	
Wetland Hydrology Present?	Yes ✓	No _____	

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ✓ Surface Water (A1)
- ___ High Water Table (A2)
- ✓ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ✓ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ✓	No _____	Depth (inches): 0-3
Water Table Present?	Yes _____	No ✓	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes ✓	No _____	Depth (inches): 0

Wetland Hydrology Present? Yes ✓ No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION (Four Strata) – Use scientific names of plants. Sampling Point: DP-8

Tree Stratum (Plot size: 10' x 10')	Absolute % Cover	Dominant Species?	Indicator Status
1. Quercus falcata	30	Yes	FACU
2. Acer negundo	10	Yes	FAC
3.			
4.			
5.			
6.			
7.			
	40 = Total Cover		
50% of total cover: 20	20% of total cover: 8		

Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Herb Stratum (Plot size: 10'x10')			
1. Ampelopsis arborea	10	Yes	FACW
2. Alternanthera philoxeroides	20	Yes	OBL
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	30 = Total Cover		
50% of total cover: 15	20% of total cover: 6		

Woody Vine Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
50% of total cover: 0	20% of total cover: 0		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	20	x 1 =	20
FACW species	10	x 2 =	20
FAC species	10	x 3 =	30
FACU species	30	x 4 =	120
UPL species		x 5 =	0
Column Totals:	70 (A)		190 (B)

Prevalence Index = B/A = 2.7

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ✓ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Four Vegetation Strata:

Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL Sampling Point: **DP-8**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 4/2	100					Silt Loam	
3-12	10YR 4/3	100					Silt Loam	
12-18	10YR 5/3	95	10YR 5/6	5	D	M	Silt Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10) **(LRR N)**
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) **(MLRA 147, 148)**
- ___ Thin Dark Surface (S9) **(MLRA 147, 148)**
- ___ Loamy Gleyed Matrix (F2)
- ✓ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Iron-Manganese Masses (F12) **(LRR N, MLRA 136)**
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- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✓ **No** ____

Remarks:

Appendix C

Site Photographs

PHOTOGRAPH 1 — VIEW OF DATA POINT 1 SOIL SAMPLE.

PHOTOGRAPH 2 — VIEW OF DATA POINT 1.

PHOTOGRAPH 3 — VIEW OF DATA POINT 2 SOIL SAMPLE.

PHOTOGRAPH 4 — VIEW OF DATA POINT 2.

PHOTOGRAPH 5 — VIEW OF DATA POINT 3 SOIL SAMPLE.

PHOTOGRAPH 6 — VIEW OF DATA POINT 3.

PHOTOGRAPH 7 — VIEW OF DATA POINT 4 SOIL SAMPLE.

PHOTOGRAPH 8 — VIEW OF DATA POINT 4.

PHOTOGRAPH 9 — VIEW OF DATA POINT 5 SOIL SAMPLE.

PHOTOGRAPH 10 — VIEW OF DATA POINT 5.

PHOTOGRAPH 11 — VIEW OF DATA POINT 6 SOIL SAMPLE.

PHOTOGRAPH 12 — VIEW OF DATA POINT 6.

PHOTOGRAPH 13— VIEW OF DATA POINT 7 SOIL SAMPLE.

PHOTOGRAPH 14 — VIEW OF DATA POINT 7.

PHOTOGRAPH 15 — VIEW OF DATA POINT 8 SOIL SAMPLE.

PHOTOGRAPH 16 — VIEW OF DATA POINT 8.

PHOTOGRAPH 17 — VIEW OF INTERMITTENT STREAM A ENTERING SITE.

PHOTOGRAPH 18 — VIEW OF INTERMITTENT STREAM A.

PHOTOGRAPH 19 — VIEW OF INTERMITTENT STREAM A INTO POND A.

PHOTOGRAPH 20 — VIEW OF INTERMITTENT STREAM A CULVERT LEAVING POND A.

PHOTOGRAPH 21 — VIEW OF INTERMITTENT STREAM B ENTERING SITE.

PHOTOGRAPH 22 — VIEW OF INTERMITTENT STREAM B.

PHOTOGRAPH 23 — VIEW OF EPHEMERAL STREAM C TO INTERMITTENT STREAM A.

PHOTOGRAPH 24 — VIEW OF INTERMITTENT STREAM A LEAVING SITE.

PHOTOGRAPH 25 — VIEW OF WETLAND A.

PHOTOGRAPH 26 — VIEW OF WETLAND B

PHOTOGRAPH 27 — VIEW OF WETLAND C.

PHOTOGRAPH 28 — VIEW OF POND A.

City of Bryant, Arkansas
Community Development
210 SW 3rd Street Bryant, AR 72022
501-943-0943

Conditional Use Permit Application

Applicants are advised to read the Conditional Use Permit section of Bryant Zoning Code prior to completing and signing this form. The Zoning Code is available at www.cityofbryant.com under the Planning and Community Development tab.

Date: 12/3/2024

Applicant or Designee:

Name Scenic Hill Solar, LLC

Address 44 Isbell Lane, Little Rock, AR 72223

Phone 501-388-4317

Email Address: joshua.thompson@scenichillsolar.com

Project Location:

Property Address 5415 Northlake Road
Bryant, AR 72022

Parcel Number 840-11623-030

Zoning Classification R-2

Property Owner (If different from Applicant):

Name Bryant Public School District

Phone 501-847-5600

Address 1511 N. Reynolds Road, Bryant, AR 72022

Email Address kwalters@bryantschools.org

Additional Information:

Legal Description (Attach description if necessary)

PT FRL NW 2004-1944

Description of Conditional Use Request (Attach any necessary drawings or images)

Requesting the parcel located at 5415 Northlake Road (34.65203, -92.54578) be re-zoned from R-2 residential, to C-1 commercial

Proposed/Current Use of Property Commercial solar power plant

Application Checklist

Requirements for Submission

- ☐ Letter stating request of Conditional Use and reasoning for request
- ☐ Completed Conditional Use Permit Application
- ☐ Submit Conditional Use Permit Application Fee ($125)
- ☐ Submit Copy of completed Public Notice
- ☐ Publication: Public Notice shall be published at least one (1) time fifteen (15) days prior to the public hearing at which the variance will be heard. Once published please provide a proof of publication to the Community Development office.
- ☐ Posting of Property: The city shall provide a sign to post on the property involved for the fifteen (15) consecutive days leading up to Public hearing. One (1) sign is required for every two hundred (200) feet of street frontage.
- ☐ Submit eight (8) Copies of the Development Plan (Site Plan) showing:
  - Location, size, and use of buildings/signs/land or improvements
  - Location, size, and arrangement of driveways and parking. Ingress/Egress
  - Existing topography and proposed grading
  - Proposed and existing lighting
  - Proposed landscaping and screening
  - Use of adjacent properties
  - Scale, North Arrow, Vicinity Map
  - Additional information that may be requested by the administrative official due to unique conditions of the site.

Once the application is received, the material will be reviewed to make sure all the required information is provided. The applicant will be notified if additional information is required. The application will then go before the Development and Review Committee (DRC) for a recommendation to the Planning Commission. A public hearing will be held at this meeting for comments on the Conditional Use. After the public hearing, the Planning Commission will make a decision on the use.

Note: that this is not an exhaustive guideline regarding the Conditional Use Permit Process. Additional information is available in the Bryant Zoning Ordinance.

READ CAREFULLY BEFORE SIGNING

I William G. Harbin, do hereby certify that all information contained within this application is true and correct. I further certify that the owner of the property authorizes this proposed application. I understand that I must comply with all City Codes and that it is my responsibility to obtain all necessary permits required.

Subject: Conditional Use Permit Application for Commercial Solar Array

To: the Bryant Planning Commission

Dear Planning Commission Members,
On behalf of the Bryant School District and Scenic Hill Solar, we are formally submitting an application for a Conditional Use Permit (CUP) to develop a commercial solar array project on a parcel of land located at the Bethel Middle School in Alexander. This project will provide clean, renewable energy to the Bryant School District, significantly reducing their energy costs and providing environmental benefits.

Project Overview:

The proposed solar array will be a ground-mounted system, designed to generate electricity for the Bryant School District. The system will be constructed and maintained to the highest industry standards, ensuring safety and environmental responsibility. Key features of the project include:

- **Location:** 8665, 5415 Northlake Rd, Alexander, AR 72002
- **Size:** 28 acres
- **Capacity:** 4 MW / DC
- **Energy Services Agreement (ESA):** Bryant School District has entered into a long-term agreement with Scenic Hill Solar to purchase the electricity generated by the solar array at a predetermined cost.
- **Benefits to the Community:** This project will bring numerous benefits to the Bryant community, including significantly reducing the school district's energy costs, allowing them to allocate more funds towards education.
- **Environmental Sustainability:** By generating clean, renewable energy, this project will help reduce over 34,000 metric tons of greenhouse gas emissions equivalent to 291 million passenger car miles, or 1.8 million tree seedlings grown for 10 years.
- **Economic Development:** The construction and maintenance of the solar array will create local jobs and stimulate economic activity.
- **Community Image:** The solar array will enhance the community's image as a forward-thinking and environmentally conscious city.

We are committed to working closely with the Planning Commission and other relevant stakeholders to ensure that this project is developed in a manner that is consistent with the city's zoning ordinances and community development goals. We are confident that the proposed solar array will be a valuable asset to the Bryant community at large, and the Bryant School District specifically.

We respectfully request that the Planning Commission approve this Conditional Use Permit application. We are available to provide any additional information or clarification as needed.

Thank you for your time and consideration.

Sincerely,

William A. Halter
Managing Member
Scenic Hill Solar
(501) 554-9668

ADDENDUM

Scenic Hill has contracted Pollution Management Inc (PMI) of Little Rock, to design and execute a Stormwater Pollution Prevention Plan (SWPPP), and the Civil Design Plan for the Bryant School District Solar Project. The SWPPP is currently in design and should be completed by mid to late January, with Civil Design Plan following shortly after.

404 Permit

- Despite not having the full design in hand, we have already designed the solar array to avoid all water features located on the land. Please reference the 30% electrical design and the Wetlands delineation attached in the email.

Site Plan

- Location, size, and use of buildings/signs/land or improvements
    - Our project does not include any buildings or signs.
    - There will be two driveways accessing the solar array—one on the north end of the property off Zuber Road, and one on the south end of the property off Zuber Road—that can be seen in the 30% electrical drawing.
    - The current design includes a black vinyl chain-link fence that will extend around the project. However, the committee has raised concerns about the aesthetics of the fence and Scenic Hill as well as Bryant School District are happy to work with the committee to determine the most optimal solution within reason.
    - There will also be two concreate equipment pads located on the property, both of which can be seen in the 30% electrical drawing.
- Location, size, and arrangement of driveways and parking. Ingress/Egress
    - There will be two driveways accessing the solar array—one on the north end of the property off Zuber Road, and one on the south end of the property off Zuber Road—that can be seen in the 30% electrical drawing.
- Existing topography and proposed grading
    - Will be included in the Civil Design Plans
- Proposed and existing lighting
    - Not applicable to our project
- Proposed landscaping and screening
    - Not applicable to our project
- Use of adjacent properties
    - Not applicable to our project
- Scale, North Arrow, Vicinity Map
    - Please reference the 30% electrical drawing

Stormwater Calculations

- Will be included in the SWPPP

Stormwater Design

- Will be included in the SWPPP

Wetlands

- Despite not having the full design in hand, we have already designed the solar array to avoid all water features located on the land. Please reference the 30% electrical design and the Wetlands delineation attached in the email.

Site Grading Plan

- Will be included in the Civil Design Plan

Erosion Control Plan

- Will be included in the SWPPP

Fire Department Access

- All driveways will be built to meet the Fire Department requirements (20’ wide and support 75,000 lbs)

AXIUM SOLAR

3499 FM 1461
MCKINNEY, TX 75071

(855) 633-8680
(972) 633-8680
WWW.AXIUMSOLAR.COM

PROJECT:

SCENIC HILL SOLAR
BRYANT SD

ADDRESS:

TBD Zuber Rd.
Bryant, AR 72002
34.653592, -92.545642
SALINE

REVISIONS

--

4,004 KWDC / 3130 KWAC
MODULES:
(7,416) FIRST SOLAR 7, 540 WATT
INVERTERS:
(20) SOLECTRIA XGI 1500-166/166
**power limited ~3130 kW

GROUND FIXED MOUNT
180° ORIENTATION
20° TILT
2' CLEARANCE

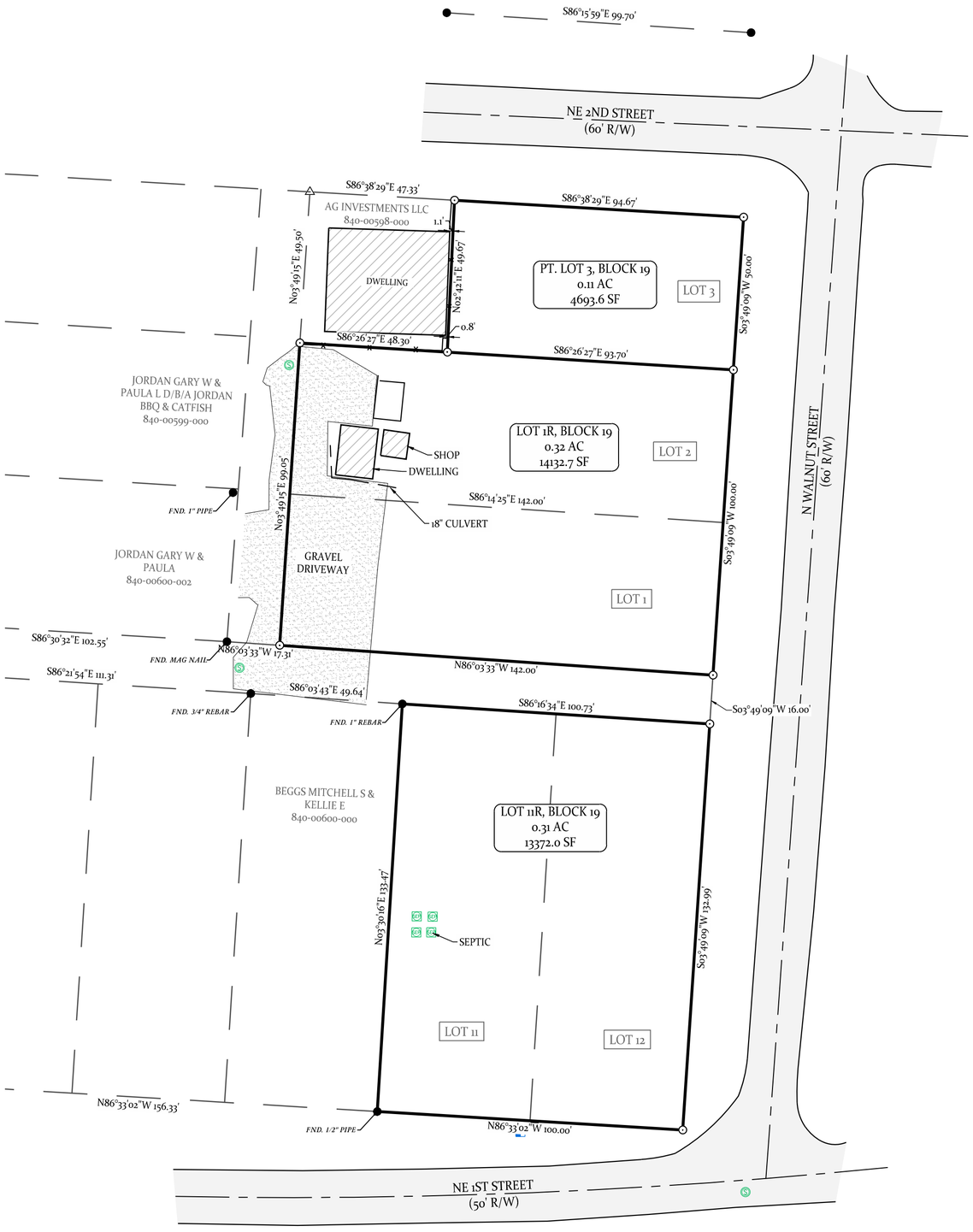
DATE 11/14/24
DESIGNED BY: T. WESTMAN
DRAWN BY: T. WESTMAN
SCALE

PRELIM

SITE-STRING LAYOUT

PV 101

811 Know what's below. Call before you dig.



BASIS OF BEARINGS:
GRID NORTH, ARK SPCS
(NAD83), SOUTH ZONE (0302)

0 15' 30' 60'
SCALE: 1" = 30'

RECORD PROPERTY DESCRIPTION
SALINE COUNTY INSTRUMENT 2024-019749
LOTS 1, 2 AND THE EAST ⅔ OF LOT 3, BLOCK 19, IN THE CITY OF BRYANT, ARKANSAS.
LOTS 11 AND 12, BLOCK 19, IN THE CITY OF BRYANT, ARKANSAS.

SURVEY DETAILS AND NOTES

OWNER OF RECORD: JOHNSON RICK W & LISA
PHYSICAL ADDRESS: 101 WALNUT ST
COUNTY PARCEL TAX ID: 840-00601-000

OWNER OF RECORD: JOHNSON RICK W & LISA
PHYSICAL ADDRESS: 104 NE SECOND ST
COUNTY PARCEL TAX ID: 840-00597-000

ALL DIMENSIONS LISTED ARE AS MEASURED BY THIS SURVEYOR UNLESS OTHERWISE NOTED. FOR RECORD DIMENSIONS SEE DOCUMENTS OF RECORD.

OWNERSHIP INFORMATION, IF SHOWN, IS LISTED AS PUBLISHED BY THE LOCAL COUNTY TAX ASSESSOR AND IS LISTED FOR REFERENCE ONLY. NO STATEMENTS OF OWNERSHIP, RIGHTS, OR INTERESTS ARE MADE.

THIS SURVEY IS BASED ON PUBLIC RECORDS AND/OR TITLE INVESTIGATIONS FURNISHED BY THIRD PARTIES. NO INDEPENDENT SEARCH OR INVESTIGATION HAS BEEN MADE BY THIS FIRM FOR ANY RECORDS, PUBLIC OR PRIVATE. LISTED REFERENCE DOCUMENTS HEREON WERE USED AND CONSIDERED AS A PART OF THIS SURVEY; HOWEVER OTHER RECORDS, IF ANY, COULD FURTHER AFFECT THIS SURVEY. NO STATEMENT OR GUARANTEES OF OWNERSHIP, RIGHTS, OR OTHER INTERESTS ARE MADE BY THIS SURVEY PLAT.

CERTIFICATE OF OWNER:

We, the undersigned, owners of the real estate shown and described herein do hereby certify that we have caused to be laid off, platted and subdivided, and to hereby lay off, plat and subdivide said real estate in accordance with the plat.

Date of Execution _____ *Name:*_____

Source of Title: DEED 2024-019749

CERTIFICATE OF FINAL SURVEYING ACCURACY:

I,William Corbitt R. Shoffner, hereby certify that this plat correctly represents a survey and a plan made by me or under my supervision; that all monuments shown hereon actually exist and their location, size, type and material are correctly shown; and that all interior lot lines have been adjusted to "as built conditions" and are accurately described on the plat and identified on the ground in terms of length and direction of the property sides.

Date of Execution

William Corbitt R. Shoffner
Registered Professional
Land Surveyor No. 1664 Arkansas

CERTIFICATE OF AUTHORIZATION
HOPE CONSULTING, INC.
No. 1931
ARKANSAS

REGISTERED
STATE OF ARKANSAS
No. 1664
SIGNATURE
WILLIAM CORBITT R. SHOFFNER
PROFESSIONAL LAND SURVEYOR

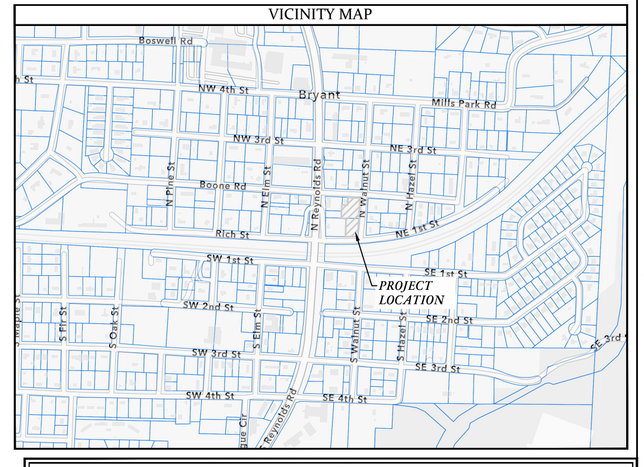
CERTIFICATE OF FINAL PLAT APPROVAL:

Pursuant to the City of Bryant Subdivision Rules and Regulations, this document was given approval by the Bryant Planning Commission at a meeting held _____, 20_____. All Documents are hereby accepted, and this certificate is hereby executed under the authority of said rules and regulations.

Date of Execution

Name
Bryant Planning Commission Chairman

VICINITY MAP



CERTIFICATE OF AUTHORIZATION
HOPE CONSULTING, INC.
No. 1931
ARKANSAS

REGISTERED
STATE OF ARKANSAS
No. 1664
SIGNATURE
WILLIAM CORBITT R. SHOFFNER
PROFESSIONAL LAND SURVEYOR

LEGEND

●	Found Monument
⊙	Set 1/2" Rebar #1664
△	Computed Point Location
(M)	Measured by Surveyor
(R/D/P)	Record/Deed/Plat Measurements
B.S.L.	Building Setback Line Restriction
U.E./D.E.	Utility/Drainage Easement
	Property Boundary Line
x x	Fence Lines
	Centerlines
	Parcel Lines/Misc Lines

FLOOD ZONE INFORMATION

NO PORTION OF THE PROPERTY DESCRIBED HEREON LIES WITHIN A SPECIAL FLOOD HAZARD AREA, ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP LISTED BELOW:
PANEL # 05125C0380E___, DATED: 06/05/20_____ .

HOPE CONSULTING
ENGINEERS • SURVEYORS
129 North Main Street
Benton, Arkansas 72015
Office: (501) 315-2626 | Fax: (501) 315-0024
www.HopeConsulting.com

REPLAT SURVEY

REPLAT OF LOTS 1, 2 AND THE EAST 2/3 OF LOT 3, BLOCK 19, IN THE CITY OF BRYANT, ARKANSAS.

ALSO LOTS 11 AND 12, BLOCK 19, IN THE CITY OF BRYANT, ARKANSAS.

FOR USE AND BENEFIT OF:
COVENANT HOME BUILDERS
NORTH WALNUT STREET, BRYANT, ARKANSAS, 72022

DATE: 12/23/2024	CAD BY: OV	PROJECT NUMBER:
REVISED:	CHECKED BY:	24-1374
SHEET: 1 OF 1	SCALE: 1" = 30'	

AR STATE LAND SURVEY FILING CODE: 500 - 01S - 14W - 0 - 34 - 140 - 62 - 1664

Z:\Land Projects 2024\Surveys\2024-24-1374 Replat Lots 1-2 & 2/3 of Hunt of Bryant\SURVEY\DWG\24-1374 Replat Lots 1-2, 2/3 Hunt of Bryant, Lots 11-12, Block 19, Hunt of Bryant.dwg | Plotted: 12/23/2024 9:30 AM |

HOPE CONSULTING

129 North Main Street, Benton, Arkansas 72015
(t) 501-315-2626 (e) www.HopeConsulting.com

December 23, 2024

Colton Leonard
City of Bryant
210 Southwest Third St.,
Bryant, AR 72022

RE: Replat Lots 1-3, Block 19 Heart of Bryant (Hope Job #24-1374)

Dear Colton,

I represent Covenant Home Builders, in the above-captioned development. Covenant Home Builders is requesting the City of Bryant start the staff approval process for the Replat of Lots 1-3 at Heart of Bryant at NE 1st St & N Walnut St.

We would like to be included in the January 2nd Development Review Committee Meeting and the January 13th Planning Commission Meeting. Please feel free to contact me with any questions or concerns or if I can be of any further assistance.

We thank you for your review and look forward to addressing any comments.

Sincerely,

Jonathan Hope

December 26, 2024

To: Colton Leonard, Planning & Development
From: Rick Johnson

Re: Modification from Heart of Bryant Code

Colton,

I would like to request a modification to the Heart of Bryant Main Street Mixed Use 1st floor height requirement from 12 ft. to 10 ft. for the following two lots:

Lot 1R Block 19 HOB

Lot 11R Block 19 HOB

This would be contingent upon the replat of these lots being approved.

The current HOB 1st floor height requirement in Main Street Mixed Use is 12 ft. Whereas the 1st floor requirement for Neighborhood Residential and Neighborhood Transitional is 10 ft. The 12 ft requirement is not feasible to do for a residential property and we would like to modify it to 10 ft to match the other HOB zoning. Our intent is to construct residential townhomes like our other recent projects in HOB on Hazel, NE 1st & SE 3rd Streets.

Thank you,

Rick W Johnson

Rick Johnson
Covenant Homes
501-247-7991