CONWAY TOWNSHIP PLANNING COMMISION

NOVEMBER 14, 2022, SUPPLEMENTAL MEETING PACKET

COMMUNICATIONS RECEIVED AFTER DISTRIBUTION OF INITIAL MEETING PACKET

From: Megan Beach <mebeach4@gmail.com>
Sent: Tuesday, November 8, 2022 1:24 PM

To: Elizabeth Whitt <clerk@conwaymi.gov>; PC1 <PC1@conwaymi.gov>; PC2 <PC2@conwaymi.gov>;

PC3 <PC3@conwaymi.gov>; PC Secretary <PCSecretary@conwaymi.gov>; Bill Grubb

<supervisor@conwaymi.gov>; Trustee 1 - Conway Township <trustee1@conwaymi.gov>; Trustee 2 -

Conway Township <trustee2@conwaymi.gov>

Subject: Large scale solar farm amendments (revised)

Dear Conway township clerk, township board and planning commission,

I am a resident of Conway Township and have recently heard of the energy companies leasing nearby farms for proposed large scale solar farms. It is my understanding that amendments were suggested at previous meetings, but at large the township did not make any additional effort to explain that major changes were underfoot to drastically change our neighboring landscapes.

These changes will affect my quality of life including the air quality, water quality, noise levels and have potential risk for increased fires near my home.

There appears to be some conflict of interest as local farmers have family that also work for the solar energy companies. With deep ties to the community, these employees have reached out and discussed their plans without the proposed amendments even being approved.

My hopes are the township can remain neutral until the residents and taxpayers have a chance to voice their concerns.

It will not benefit the landowners or neighbors if we are too hasty making amendments that have long-term consequences.

Here are some of my concerns:

- 1. How are solar panels that are manufactured in China helping us be independent from other countries with our energy requirements? Can panels bring sourced from America?
- 2. How are solar panels that are largely unrecyclable helping us move to a more green planet? Especially in the Midwest where a larger number of panels are required to harness the power of the weaker sunlight?

Companies need to be responsible for the decommissioning of the "farm" once no longer used for solar energy. Ideally sent back to country of origin to prevent toxins and contamination of our ground.

- 3. What is the impact on bird migration and mammals in the region? In the western US there are studies on how solar panels may be causing an increase in bird death due to placement along migratory pathways. Michigan actually has two significant migratory streams that could be affected.
- 4. I am concerned about the constant noise the inverters create. This can cause a disruption in the peace in the mental stability of the people who live here. There is a reason people move where it is quiet. In my profession as a veterinarian suicide is quite high and being able to find

peace and quiet can help most people rebalance when not at work. Set back requirements should not be decreased to prevent sound from reaching homes.

- 5. What are the water requirements to put out possible fires? The farms that have been contacted do not appear to have significant water access and fire trucks are over 4 miles away. Most large fires that occur near here require multiple fire stations from other towns and counties to get enough water to put out a fire. With the increased risk in an area that is rural, the fire department may need additional funding to support their intervention if a fire outbreak does occur.
- 6. What will be the effect on the county drains if a fire occurs? Will there be an increase in PFAS from the foam that sometimes gets used in fire fighting? How will that affect the ground water and my families health? Environmental scientists are finding that PFAS are especially difficult to remove from the environment. Water quality should be checked quarterly and if contamination is found, would need to be addressed by the solar company. We are watching our small towns change all water pipes to prevent another Flint water crisis from occurring. The township will need to address this with possible use/future projects.

I am not against renewable resources but I am worried that our township is going to allow the energy companies to lead the direction our state is heading in. Do they have our best interest at heart? Do they live, work, and play here like my family?

I would ask you this. If we are going to move to solar energy, are we using Michigan companies with deep roots in Michigan and not out of state companies or out of country companies? Are we getting people, supplies, and parts from local resources? Are we deciding where the best areas are to develop for solar based on what we want our landscape to look and feel like?

I am asking the planning commission to pause this expansion into solar energy until the taxpayers can get more information and we can build a better safety plan surrounding the proposed sites, both for the people and the environment.

These decisions have long-term consequences that extend through most of my life and my family's. Allowing the energy companies to lead the movement when they have the most to gain (financially) and at least to lose (home and family) is not the direction I want our county to go in.

I also respectfully ask for more transparency both from the county and the townships about the amendments and changes to zoning ordinances.

Sincerely Dr. Megan Beach DVM.

9020 Eva Line Fowlerville, ml 48836

Resident of Conway Township for more than 20 years

Please include this letter in our next meeting on November 14, 2022.

Conway Twp Utility Scale Solar

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Lynne Mclean < lmcl50@yahoo.com>

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To: Elizabeth Whitt; Bill Grubb

Fri 11/11/2022 5:32 PM

Cc: PC Chair; PC1; PC2; PC3; PC Secretary; Trustee 1 - Conway Township; Tru

To the Livingston County Planning Commission & Township Supervisor,

We are long-time residents of Conway Twp who are disgusted to discover that discussions have been going on for quite some time regarding Large Scale Solar Complexes (We refuse to call them "farms") within our township with no notification to residents that this was a possibility. We found out through an article in our little local Fowlerville newspaper, of all places. They were apparently told that the township had notified residents. We were not notified, and we have not spoken with anyone else that was notified. To be clear, we are opposed to any Large-Scale Utility Solar construction on Agricultural land.

Our concerns are many. We moved to our 100+ year old farmhouse in 1974 to enjoy the rural lifestyle, peace & quiet of this family farm environment. We bought milk & ice cream produced on a farm near our home, eggs from another farmer & enjoyed raising pork and beef for our table from our own land. We realize that those days are gone but that safe & peaceful lifestyle is the reason so many people have come to call Conway Township home. With the invasion of industry (although not rezoned as such) into our farm community we will have concerns over water quality due to run off & possible water well contamination as there are heavy metals & toxic substances in the solar panels and batteries. We will have heavy construction vehicles in our neighborhoods, maintenance crews, semi-trucks. Conway Twp already has the worst roads in the county according to anyone who has had to make a delivery or who drives roads in other rural counties to compare. Who will build & maintain our roads in the future? Not Conway Twp or the Livingston County Road Commission, they have not taken proper care of our roads all these years, so who will make sure we can safely navigate our dirt roads with even more wear and tear? Of course, there is also the horror of looking out the window and seeing an enormous array of solar panels reflecting in our windows where now we see does bringing their newborn fawns to stay for the day in safety by our house and eagles riding the breezes over the fields. Our home values WILL decrease by double digits, that is a fact. Who will want to purchase a home near or adjacent to a solar complex?

We've had commercial business allowed in our residential farming area with the promise of oversight to make sure they do specific things according to their "plan" in order to establish their business. What promises will you accept from these INDUSTRIAL companies that nobody will ever enforce? If the companies bankrupt or abandon the project, who will "clean up" afterwards or who will make sure that it is ever "cleaned up"? This equipment includes hazardous materials and cannot simply be recycled.

We truly think this is not a well thought out plan. It bothers us that there was so much secrecy. If indeed this is good for our township, why not notify every household to make sure everyone is informed? No matter where people live in Conway, they will be impacted by the change. We are very disappointed in our township and county for considering the wants of a few and already drafting zoning and planning changes to accommodate these huge companies. These companies care nothing for the lives of our families, the preservation of wildlife and habitat or family farms. We do recall, however, reading something about "protecting the beneficial insects" just so they can insert their supposed care for the "environment". Sorry, not sorry, for the sarcasm there.

You are supposed to be the best among us, the people who are trusted to do the best for ALL of us. LARGE SCALE UTILITY SOLAR projects are NOT in the best interest of health, safety, security, agricultural or residential property in our beloved township. We are asking that you look out for all of us now.

We would appreciate an acknowledgement that our email was received & that our letter will be included for the November 14, 2022 meeting.

Thank you, Lynne McLean & Mike McLean 9411 Pierson Rd Fowlerville, Mi 48836

Swain, Meghan

From:

PC Chair < PCChair@conwaymi.gov>

Sent:

Monday, November 14, 2022 1:51 PM

To:

Swain, Meghan

Subject:

[EXTERNAL] FW: Urgent Concerns of Solar panel farms

From: Heather Schmitz < heatherls09@hotmail.com>

Sent: Monday, November 14, 2022 11:49 AM

To: PC Chair < PCChair@conwaymi.gov>

Subject: Urgent Concerns of Solar panel farms

Hello All,

I am writing to you today to express how very concerned I am about these Solar farms trying to be build right next to us!! These should not be allowed to be built by residents! They should be built out in the middle of nowhere and far away from where people live. They are an eye sore, they are harmful to our health and wildlife! I have lived in Fowlerville for about 10yrs now. My husband, 2 kids and i choose to live in Fowlerville for the rural country living!

We need to not let this happen to our beloved community! We need to hire the same Attorney, Michael D Homier from Foster swift that Cohoctah township and handy township are using to get these power companies to move on!

Sincerely,

Heather Schmitz-Tackett

96 95 Marsh Koad Fowlerville, MI 48836

Swain, Meghan

From:

PC Chair < PCChair@conwaymi.gov>

Sent:

Monday, November 14, 2022 1:51 PM

To:

Swain, Meghan

Subject:

[EXTERNAL] FW: change in legal representation, and matters of PA116 and proposed

ordinance 6.26

From: Kennedy <vornehm621@gmail.com>
Sent: Friday, November 11, 2022 1:19 PM

To: Bill Grubb <supervisor@conwaymi.gov>; PC1 <PC1@conwaymi.gov>; PC2 <PC2@conwaymi.gov>; PC Secretary <PCSecretary@conwaymi.gov>; PC3 <PC3@conwaymi.gov>; Trustee 1 - Conway Township <trustee1@conwaymi.gov>;

Trustee 2 - Conway Township <trustee2@conwaymi.gov>; Abby Cooper <abby@crlaw.biz>; Elizabeth Whitt

<clerk@conwaymi.gov>; PC Chair < PCChair@conwaymi.gov>

Subject: change in legal representation, and matters of PA116 and proposed ordinance 6.26

Township Supervisor Grubb and Conway Township Officials

I understand you would have received a letter with many signatures (to include ours) of those represented in our township who are certainly against the proposed ordinance changes (6.26) that clearly represent the interests of the solar/energy companies and a few farmers. (The matter which should be obvious is the subject of the intended hearing on November 14. 2022). It seems important to remind you of your position in the government as a representative of those voices- represented in signatures affixed to the aforementioned letter which should have been received by Conway Township as of yesterday November10.2022. We continue to gather support in signatures in the limited amount of time given to do so. It is regretful to see the emotional distress apparent to those just learning of the matter. There are many more signatures to be gathered as we continue to find almost no one that supports the solar land leases. In fact, it is daunting to learn of the number of acres proposed under the LOI's... A money grab at the detriment of this community.

Recently, there is the verbalized description being touted as a "demonstrated need" as a basis for the solar utility project land leases- to have the legal means to land in this township. There is no demonstrated need! This township has electricity. This phrase has been challenged in the courts and has been beaten- it is a farce and intended jargon for permission that has no basis in fact. It's ridiculous. There are other areas of industrial zoned properties to support the supposed "demonstrated need"

Of significance, the current legal representation of Abbey Cooper for Conway Township does not seem adequate or experienced to provide the needed representation of the matters of law involved. It is recommended Michael D Homier of Foster Swift take her position to represent Conway Township. This is the attorney representing surrounding townships and clearly has the interests of the community as the legal focus - which is certainly the role of your elected positions. This focus of community is imperative. The lack of transparency in Conway Township is astonishing over such a significant impactful matter. In the words of Township Clerk Elizabeth Whitt, "We followed the law." when challenged to this matter of lacking transparency. This remark by Clerk Whitt is nothing more than her admittance that the bare minimum was the standard for her service to the community as a representative.

A sentence of 40 years to an industrial project to this community that does not want it. This 40 years of proposed land leases is more serious than most felony crime sentences for crimes against persons, but certainly represents another type of crime.

Additional Significance is Handy Township's most recent draft of solar ordinances; any agricultural land owner (to include the parcel of land) participating in benefits provided under PA116 will NOT be eligible for solar land use. There are some interesting legal aspects with respect to PA116 and farmers and land parcels that have received tax incentives or breaks under this act that may impact the same agricultural properties and use to those currently associated with written and proposed leases... There is a basis to question whether or not they are eligible for the solar project lease of this same property with an ordinance written to protect the interests of residents. We need an attorney that can represent us in Conway Township fairly and give equal protections under the law. There is no basis for changes and reduction of the 1000 ft setbacks already established in our current ordinance- unless you're representing the money and the selfish interests of a few. Conway Township needs this language in our ordinance to protect the residential community.

You represent the whole of the people of this community.

Kennedy and Thomas Parker

1000 Hayner Read Fowler VIIIe, M148836 KEVIN M. HJRZEL, ESQ.* MATTHEW W. HERON, ESQ.* ADAM C. TOOSLEY, ESQ.*1

SENIOR ATTORNEYS BRANDAN A. HALLAQ, ESQ. ' KAYLEIGH B. LONG, ESQ. ' CHANTELLE R. NEUMANN, ESQ.

MATTHEW P. MARKLEY, ESQ.* KARA D. MOORE, ESQ. *

OF COUNSEL
MICHAEL D. McCulloch, Esq.*
RICHARD M. TAUBMAN, Esq.*
MICHAEL J. SHIFRIN, ESQ***

sed in Michigan Only

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Farmington 37085 Grand River Ave, Ste. 200 Farmington, MI 48335 250 Mon

Grand Rapids Monroe Ave. NW, Ste. 400 Grand Rapids, MI 49503

***Licensed in Illinois Only Traverse City 1001 Bay St., Ste. E Traverse City, MI 49684

Kara D. Moore kmoore@hirzellaw.com Farmington Location

November 4, 2022

VIA EMAIL (CLERK@CONWAYTOWNSHIP.COM abby@crlaw.biz)

Conway Township Planning Commission P.O. Box 1157 8015 N. Fowlerville Road Fowlerville, MI 48836

CC: kkline-hudson@livgov.com

CC: Livingston County Planning Commission, 304 E Grand River Ave # 206, Howell, MI 48843 CC: Cohoctah Township at abby@crlaw.biz , bfearclerk@gmail.com

CC: supervisor@conwaymi.gov, trustee1@conwaymi.gov, trustee2@conwaymi.gov

RE: SOLAR ENERGY ZONING ORDINANCE AMENDMENT

Dear Planning Commission,

Please be advised that those signing below are residents of or owners of property in Conway Township ("Township"). It is our understanding that a meeting is scheduled for November 14, 2022, in which you intend to present and vote to approve an amendment to the Zoning Ordinance as they relate to Solar Energy. These residents and/or property owners wish to express their strong opposition to the proposed ordinance amendment; accordingly this letter is to urge you to reconsider and to inform you of the potentially drastic results that await the residents should this amendment be adopted.

This amendment to the Zoning Ordinance would reduce the setback requirements enforced against solar farms or the likes from 1,000 feet from a property line to 200 feet from a property line. Likely, this will dramatically decrease the value of the properties - affecting the residents in the short term and the Township in the long term. In fact, there have been many advanced studies that outline the significant decrease in property values within close proximity to solar farms or otherwise abutting solar farms or similar sites. (Exhibit A, Mary McClinton Clay Report, and Exhibit B, Dr. Herbert M. Eckerlin, PE, PhD, Letter.)

www.HirzelLaw.com

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Other negative impacts on the residents include $n\phi$ ise from inverters (a constant humming Other negative impacts on the residents include noise from invertes (a constant intiminal sound), impaired view, potential toxin or metal contamination, and major drainage issues (in an area that already has flooding issues). In fact, the residents and property owners are concerned that the extensive construction, likely performed within a short time period, would greatly affect the water flow, drainage, and pooling issues, causing more flooding than which already occurs due to the area's highwater table and wetlands.

Although an amendment to the Solar Energy Zoning Ordinance appears necessary to address things such as required maintenance of the solar projects and the proper locations for such, the proposed Amendment is not the proper or desired course of action. The Solar Energy Zoning Ordinance Amendment fails to address proper zoning locations for such solar use, permitting such to be located within Agricultural Residential areas while many residents and/or property owners would prefer to see this amended to be restricted to Industrial areas only as the placement of such in Agricultural or Agricultural Residential areas would not be harmonious with its surroundings. There is no evidence of a demonstrated need that would prevent the total prohibiting of solar farms or the like from areas zoned as Agricultural, Residential, or Agricultural Residential

Further, there are many aspects that the residents or property owners wish to be addressed in any amendment to the Solar Energy Zoning Ordinance. The proposed Amendment fails to address maintenance needs as they relate to the Solar farms, devises, properties, or the likes. This is an imperative term to set forth from the onset and should be included in any amendment to the Solar Energy Zoning Ordinance. Also, many residents desire a berm requirement written into the ordinance, which is currently left to the Planning Commission's discretion, and desire a demonstrated public need requirement included in the ordinance for any solar energy use(s).

Moreover, the manner in which this ordinance is drafted clearly does not take into account the public interest, and instead, is tailored to the desires of the energy companies. This is not the role of the Township and should not be the reason why this is being undertaken. In fact, it is evident that this amendment was drafted with a heavy influence from the developers, energy companies, that this amendment was drarted with a heavy immediate from the developers, each of your individuals with an interest in solar energy — even the notice appears to have been issued by a news company owned by an interested party. In stark contrast, there has been no input from the residents and/or property owners who will be affected — to whom this Township owes its duty. Pursuant to the Township Bylaws, Amended December 21, 2017, the Township's purpose is as

The purpose of this ordinance is to impose certain regulations and restrictions in order to effectively implement the Conway Township Comprehensive Plan by controlling the use of land, buildings and structures to promote the public health, safety and general welfare of the residents of Conway Township. Zoning districts are established in this ordinance of such number, shape and area, and of such common unity of purpose, adaptability or use, that are deemed most suitable to provide the highest and best use of the land and protect the common rights and interests of all, while promoting wholesome, harmonious and aesthetic development of Conway Township. Regulations and restrictions within this ordinance limit the location, height, bulk, number of stories, size, use and occupancy of dwellings, structures and land for agricultural, residential, commercial or other purposes, with such minimum regulations as are deemed necessary to carry out the provisions of the ordinance. (Emphasis added.)

Accordingly, the Township would be failing in its purpose if this amendment should be adopted as it would clearly not protect the residents' rights and/or interests in their properties. Moreover, it would deplete the agricultural aesthetic that is a primary characteristic of the Township. Further, it is unknown what health and safety concerns close and continuous proximity to the Solar Farms could cause both to the residents and to the land.

Below are the signatures of the ever-growing list of residents and/or property owners, opposing the Solar Energy Zoning Ordinance Amendment.

WHEREFORE, we, the undersigned residents, oppose the adoption of the proposed Solar Energy Zoning Ordinance Amendment.

Steven Weiss 11-4-22

Steven Weiss 7104 Sober Rd.

Fowlerville, MI 48836

131/4 Kaller 11-4-20

Kelfy Ralko 11935 Daisey Ln. Perry, MI 48872

Kevin Ralko 11935 Daisey Ln. Perry, MI 48872

Sarah Porter (Porter Family Trust)

9402 SOBER RD Fowlerville, MI 48836

Robert Porter (Porter Family Trust)

9402 SOBER RD Fowlerville, MI 48836

Gregory Busick 7575 Sherwood Rd. Fowlerville, MI 48836 Parker, Kennedy M. 11.4. 202

7000 Hayner Road Fowlerville, MI 48836

Eleanor M. Choate 7540 Fowlerville Rd Fowlerville, MI,48836

James Dannemiller 6425 Chase Lake Rd. Fowlerville, MI 48836

James E. Choate (7540 Fowlerville Rd Fowlerville, MI 48836

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Antoinette Busick	Name: Sheila James
7575 Sherwood Rd. Fowlerville, MI 48836	Address: 1/385 OWWSO Rd. Fowlewille mi48836
	Name: Fran Menbe Address: 7033 Hayner Rd Fowlerville Mr 48836
Cherry Joukeep	
Cheryl Towhey	Name: Bab NAtton
11363 Owosso Rd. Fowlerville, MI 48836	Address: 6225 Gunir Rd FSylow, Mi 42418
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Warner W Class	Y-16.1 601015
Dan Clacher 7617 W. Sherwood Rd.	Name: <u>Stacy Sacois</u> Address: 9230 NICHOLSON Rd
Fowlerville, MI 48836	FOWLENIUE MI 48836
	Name: Robert BONNETT Address 6750 HAYNER RA Forter WHE M
	Name: LON SMITH Address: P.O. BOX 3290 ANN ARTSOR WI 48/06
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Name: Tara M. Keys	Name: Scott F-LANERY
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Name: RILL NGATON	Name: STEVE SMITS
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Name Print: Jody Redniesks	Name Print: Robert K. Hensikson
Address: 94/8 Roll Rd	Address: 6888 HA. WER RD
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Signature:	Signature: Udy Bull
Name Print: Michael Toole	Name Print: July Bell
Address: 9364 Pabb Pa	Address: 1675 0w0568 RA.
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Signature: WMMS-MANN Name Print: Lawel Toolp Address: 9304 Rood Rd Fallenille M148836	Signature: JONATHON BIEN Address: 11675 OWOSSO PA FOWLERVILE, WI 48836
Signature: Acycan To Henryson	Signature: RANSON DEFAUT Name Print Russell Name Print Russell
Address: 10888 Hayner Rd	Address: 8208 " Feature 1.400
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Signature: Drin Hensker	Signature Stu Dalle of
Name Print: Devin/ Henrikson	Name Print: STEVE TOLLIA
Address: 6888 Hayvel	Address: 9834 MARS D
Fowlerville, MI	Fowlerville, MI

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Signature: Lynne M. M. Lean	Signature: Just JA Surf
Name Print: Lynne M Mc Lean	Name Print: DAN TOWN
Address: 9411 Pierson	Address: 9290 CHBSZ KAKT
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Signature: Dall Server	Signature: AM
Name Print: Dawn Dementy	Name Print: Lorna Rajala
Address: 7415 Love oy Rd	Address: 8893 N. Gregory Pd.
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Signature: MWM, C. Jugger	Signature:
Name Print: WILLIAM V. PIESINS	Name Print: Brad Rajarla
Address: 10595 510W RD	Address: 8893 N. Bryon
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Name Print: Darry Dela Verg ne	Name Print: SASON UNBAHNS
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Name Print: Larisa Lane	Name Print: Amy Otten
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Signature: 51 Page 200	Signature:
Name Print: Cally Outch	Name Print: Matthew Oborne
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Signature:	Signature:
Name Print: Paul (Duck	Name Print: Aaron Kates
Address: 6728 506=2 Rd	Address \$537 Killinger Rd
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Signature: Luce Deeper	Signature: Ollei Beaux
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Address: <u>6825 SOBER</u>	Address: 7386 Rustic Way Orive
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Signature:	Signature:
Name Print: JESSICA TEHO	Name Print: SCOTT BESSERT
Address: 6825 SOPEV YO	Address: 7360 Stow RD
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Name Print: GETRITE OHEN	Name Print: EDWARD PILLARD
Address: 11509 Sadd 15 Dr	Address: 9389 WOODWAY LANE
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Signature: Robert L. Stidham Address: 8362 Sober Rd	Signature: <u>Pully Duggan</u> Name Print: <u>Chelley Duggan</u> Address: <u>11954 Sectuded Prage</u>
Signature: Myn New Poniewierski	Signature: Cu Colfon Name Print: Chab CalToN
Address: 7238 North Gregory Rel Fowlerville, MI 48836	Address: 10720 Chase Lake RIS. Fowler Wille Mt 48836. Signature:
Name Print: Grant Wooley Jr Address: 7388 tow lerville Rd. Fow lerville MI 48836	Name Print: Darren Duffiney Address: 7053 Chase Take Rd Foweleru: 112 MI 48836
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Signature: Ryan Duggan Address: 11954 Secluded R'dol	Signature: Name Print: Address: 7040 labb Rd
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Signature:	Signature: WWW ST
Name Print: Jake Henry	Name Print: Michael R. Caspenter
Address: 7806 W. Allen Rd	Address: 11821 Glen Mary Dr.
Fowlerwille, MI	Byron, MT 48418
Signature: Dewe Times	Signature: Doniel Donnepper
Name Print: David James	Name Print: Deniel Deschepper
Address: 1/211 S TON Rel	Address: 10505 Lave Tay Rd.
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Name Print: George Bird	Name Print: Jennifer Chase
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Signature: Jamens Form	Signature:
Name Print: LAURENC HARRISON	Name Print: Danay Vander Velde
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Signature: Lovetta Joyce Smith Name Print: Ovetta Joyce Smith Address: 7289 Loveta Rd Byron, Mi 48418 Signature: En Honey Name Print: Emilee Honey Address: 910101 March Rd Fowlerville, MI 488310	Signature: Angela Maher Name Print: Angela Maher Address: 10920 Nicholson Towler Ville, Mi-48836 Signature: Edward Candill Name Print: Edward Candill Address: 7427 SHERWOOD Fowler, 110 mi 48836
Signature: M. Joshun Cody Vonkeren Address: 10311 Aedhawk Merry MT	Signature: Jori Mudge Name Print: Lori OM udge Address: 7422 Sher wood Fowlerville, M.: 48836
Signature: Name Print: Jasou Simmons Address: 5216 N Herrington Rd webberville MI 48892	Name Print: Robert of Van Dick Address: 9575 Showood Fowler ville mi 488360
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Name Print: Thomas Song H	Name Print: STEVEN CAMEY
Address: 9490 Sherwood rd	Address: 9300 VOETRD
Forlewille, Mi 48836	Fowlerville. MI
Signature: Tan Nixon Name Print: 164 Nixon Address: 6953 Robb Ro Fowlerville MI 48836	Signature: Name Print: Angelu Sculino Address: 1617 Glen Mary dr. Byron, MI
Signature: Robert R Delmotte Name Print: Robert R Delmotte Address: 11590 Fowler ville Rol Fowlerville, MI 48836	Signature: Cherles Roge(5 Address: 10921 W Allew Fowlerville MT, 48836
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Name Print: GORDON CLOUDMAN	Name Print: Brandon Koch
Address: 11690 Mohrk Rd.	Address: 6795 Rubb RJ
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CiRCLE BYRON MICH	Fourierville MI 48836
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Address: 2812 SHISLAEN CILCA	
Byron UT 48418	Forrewill Mi 48876
Signature Print: August Williams: 1622 Tober Rd Fowlenge Mr. 48836	Signature: Jesan menu Name Print: Hudson 1500 (KwaY Address: 8720 Sherwood RD Fowler ville mi 48836
Signature: Harry C Boyde of Name Print: HARRY C Boyde, JR Address: 11756 Section DED Ridge la	Name Print: 57ephen PIAchowski Address: 11706 MAPLEFIELD DR
By ROW, MI 48418	BYRON M 48418
Signature: Janutha Shue Hatswell Name Print: Nonathan S. Hatswell Address: 16 990 Mohtle RD. Cowle Ruille	Signature: <u>Fracie Zander</u> Name Print: <u>Tracie Zander</u> Address: <u>III600 BrimleyRol</u> Webberville
Name Print: Barry Harstell Address: 1000 mobile rd.	Name Print Which OH Address: 1640 Forwers
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Address: (0828 Robb rd

Fowler Ville MI 48836

Name Print: DUSTIN MILLER
Address: 6799 SOBER RD
FONLER VILLE, MI 4883L

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Name Print: Jay / TaiT	Name Print: Michael Traseland
Address: 6677 N. Fowlerville	Address: 11992 Stow RD
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Signature:	Signature:
Name Print: Tasha M Farmer	Name Print: PETE MARSA hi sé
Address: Way Fawlewille Rd	FONLENVILLE Mi 4883
Fowlerille 1/4 48836	FONLENVILLE MI 4888
Signature: Paul Rull	Signature: Tim Williams
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Address: 95/3 Chase Lake RD	Name Print: Tim Williams Address: 7810 N. Gregory Rd
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Signature: Dan T. Petty Name Print: De Petty Address: 780 N. Gregory N Four lev. lle mi Signature: Denny PETTY Name Print: JENNY PETTY	Signature: Name Print: Marc. Crun. Address: 790/ Lasb Rd. Towlow!le, MI 48836 Signature: 9 Comments Name Print: Elina Gram
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	Signature:	Signature: Hunter Thangs
	Name Print: DAV D & LOE	Name Print: Hunter Knaggs
	Address: 6881 SOBER RD	Address: 10127 0W0550 rd
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	Signature: Lassila	Signature: A. A.
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	Address: 6500 Fowlerville RI	Address: 10927 0w0550 Rd.
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	Name Print: CRAIG TACKETT	Name Print: Cindy Witt
	Address: 9695 MArsh Rd	Address: 7065 Cove 369
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Name Print: Jordan Baker Address: 8544 Sherwood Fowlerwille, MJ 48836 Signature: Juby Baker Address: 8544 Sherwood Pd Name Print: January Davis Address: 8143 Owosso Rd Fowlerville MB Signature: Juby Charle Address: 7846 Charle Name Print: Jiffani Gehrle Name Print: Jiffani Gehrle	me Print: Laure Barr
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Signature: Jem	Signature: Ship Amount
Name Print: Thomas PARKER	Name Print: Shawn Dohaghue
Address: 7000 HAYNER RD	Address: 7170 Hayner Kd Faulenille n
Fowlersville Mi 4883L	Uss:
Signature: Bill v From	Signature: Mayan Beach
Name Print: WICKIAL WATSON	Name Print: Megan Beach
Address: 9415 ROBB RD.	Address: 9020 Eva Ln
FOUNCE MI 48834	Fowlerville MI
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Signature: Laura W Xaura Classon	Signature: Kothleen M. Jackson
Name Print: Laura Watson	Name Print: Kathleen M. Jackson
Address: 9415 Robb Rd	Address: 11555 Mohrle Rd
Fowlerville MI. 48836	Webberville, Michigany 43343
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Signature: Jumple	Signature: DR R Boom
Name Print: LARRY GRESEHOVER	Name Print: PAVIL R Brown
Address: <u>934/ Robb Rb.</u>	Address: 7151 HAYNER Rel
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Name Print: [amola], GRESEHOVER	
Address: 9341 ROBB Rd. FOW LERVIlle, Mich. 48836	Address: 7/5/ Agyner Ka
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Signature: Change Lands.	Signature:
Name Print: Charmone-L. Andress	Name Print: SHANN RADNIESKY
Address: 7170 Hayner LA Dwleis 1/0	Address: 9418 PAR FANCAULLE M 48036
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Webborville, MI 48892	Fowlerville on 4880c
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Name Print: Sokh Fuller	Name Print: Richard Hibbard
Address: 43/8 Nicholson	Address: 1368 Grant Rd
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Name Print: Nahery Fuller Address: 63/8 Nicholson Rd Fowler Ne W. 48836	Signature: Weather McGallised Name Print: Heather McGallised Address: 1792 Securded Ridge Dr Boyron Mr 48418
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Address: 7455 Fowlowill RO.	Address: Byron mi 48418
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Address: 6993 chasa lake RD	Address: 4BG4 w allen d
Fowler, Olle MI 4836	Fowlerville, MI

Signature: LAM D. BLAUSCY Address: 5978 N. HUKKINGTON RD WBBUVILLE M. 48892	Signature: James Van Wynen Name Print James Van Wynen Address: 9799 Chase Lake Rd. Fowlerville, MI 40036
Signature: Brenda Blausey Name Print: Brenda Blausey Address: 5978 N Herrington Rd Webberyille MI 48892	Signature: Robert Payse Name Print: Robert Payse Address: 9637 Marsh Rd. Fowlerville, Mi. 48836
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Signature: Anny Harrit Name Print: Jennifer Garrett Address: 7683 Fowlerville Rd Fowlerville Mi 48836 Signature: Anny Shows Name Print: Emily Charrett Address: 7683 Fowlerville Rd Fowlerville MI 48836	Signature: James Stone Name Print: Pame In Stone Address: 7671 Dwosso Ro Fowlerville Mi 48836 Signature: Jeffie Harhaway Address: 1923 Lavery Ld By on MI 488418
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Address: (0870 Hayner Rd	Address: 1/2/1 Brimley Ro
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Name Print: William Shadrick	Name Print: Dakota Pyan
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Name Print: Truothy Gove	Name Print: CALC MOVALIM
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Fowleville, Mr 48836	Byrn My 48401
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Signature: Genneth Ott	Signature:
Name Print: KENNETH DTT	Name Print: Fatrice freeman
Address: 1040 Fowleaville Ro	Address: 6235 Due 550 RD
Fowler 41/18 m 1 48836	Fowlerville MI 428%
Signature: M=	Signature:
Name Print: MATHEW FRONKTAK	Name Print: ViCtoria Boyde
Address: 8574 SHERWOOD RD.	Address: 11706 Sectuded Bidge De
KONLERVICE, MI 48836	Bycon, MI 48418
Name Print: Niched Bayar Address: 9201 Pierson Rand Fooderville, MI 48836	Signature: Chen O'Neill Narthe Print: CIREG O'Neill Address: 11577 Mohrele Rd Webbenuille 48892
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Fowler 11/1c m! 48836	Lowlerville, M1 48836

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Signature:	Signature:
Name Print: John Ellis	Name Print: EDWARD D THOMAS
Address: 6435 Stow Rd	Address: 10667 Sober IZD
Foulerville, Mi, 98836	WEBSERVILLE, M. 48892
Signature:	Signature: Aulau Manus
Name Print: Nick Carey	Name Print: Amber Thomas
Address: 7805 Nicholson Rd	Address: 10667 Sober Rd
	Webberülle MI 48892
Signature: Jun Just Name Print: Anna Smith Address: 7387 Lovejoy Rd Byron. M: 48418	Signature. In Surfact Name Print: Lynette Crowford Address: 9941 Grant Rd Towlerville MI 48856
Signature: Mary J. De Faut Name Print: Mary J. De Faut Address: 8308 N. Fowlerville Rd. Fowlerville, MI	Signature: The Coffee Name Print: Jell crawlord Address: 9941 Grant RE. Fowlerwite M. 48836
Signature: Ralanne M. M. H. Name Print: Royanne M Mitz Address: 2777 Nicholson Rd Forlerville M: 48836	Signature: Standow Sam Name Print: Standol Shrew Address: 9880 Marsh Rd. Fowleyill, MI 48836

Signature: Linda Dalton Name Print: Linda Dalton Address: 9498 MARSH RD. FOWLERVILLE, MT. 48836 Signature: Carol Eastwood Name Print: Carol Eastwood Address: 9393 N. Gregory Rd Fowler ville, MI 48836	Signature: Name Print: Sq. M. B., C.S. Address: 7657 Hidde N. C. Cree D. C. BY CON 48418 Signature: Name Print: 1044 M. C. C. Cree D. C. Address: 1045 Feedleville 1d 48086
Signature: Made Killinger Name Print: Made Killinger Address: 9035 N. Fowlerville Fowlerville MI 48836	Signature: Elen M. Bains Name Print: Es/ees M. Bain's Address: 18/1/ Sherwood rd Fowlerville M. 48836
Signature: <u>Denise Killinger</u> Name Print: <u>Deniel Killinger</u> Address: <u>9035</u> N. Foolerville foolerville MI 48836	Name Print: Menecca Choate Address: 7940 Fowler ville vol Fowler ville vol 48836
Signature: Catherine Fields Name Print: Catherine Fields Address: 822 Robb FOWLINNE MI 48834	Signature: April 2. Stidhan Name Print: April L. Stidhan Address: 8362 Sober Road Follows 10, m1 48836

Name Print: Munium Phodes Address: 9697 Marsh Nd Fowler ville Mi 48836	Name Print: HEIDT WILKIE Address: 1/506 Spencer DR. Fowlerville, MI 48836
Signature: Name Print: Ryan Phades Address: 9697 Marsh Cd Foundardille, Mi 48836	Signature: Fran Falzon Address: 9800 N. Marsh Rd Fowlerville. MI
Name Print: John FAST WOOD Address: 9393 N. Gragory Rd. Fowlerville M. 48836	Signature: Name Print: Lobert Torn'll Address: 10500 W Allow rd Fowlerville M. 47736
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Signature: MWU MWW Name Print: WESSY YOUNG Address: 9753 SWEYWOOD FOUND MT 48820	Signature: Koven Oneil Name Print: Kaven O'neil Address: 6572 Hayner Fowlerlik MI 48886

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	Signature:	Signature: Musten Nation
	Name Print: John CapemAN	Name Print: Kristen Nation
	Address: 5508 Stoher Rd	Address: 4225 LOVE OV RO
	For lerville M. 48836	Bywn M. 48418
	Signature: Kaylym Compos	Signature: Cynth Ollor
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	Name Print: Kaitlynn Campos	Name Print: Cyphic Dtoskins
	Address: 930 Chase bleerD	Address: 1943 Mayor Rd
	Howell MI 48855	GPBP im, Millereddyn
:	signature Andrea Bodwell,	Signature: Mr Fafe
	Name Print: Andrea L. Bedwell	Name Print: Mar; K Howard
519°	Address: 11109 Oubseo Rd	Address: 10093 Redhawk
	Fowlerville, MI 40836	Perry MI 48872
	Signature: Mylic Portec.	Signature: USSU JULING
	Name Print: Hylle Porter	Name Print: Pressie Hocking
	Address: 9402 W. Sober Rd	Address: 11162 Bell Oak Rd
	Fowlerville, HI 48836	Webberville, mI 48892
	Signature: Sene & De Jake	Signature: Desser Mills
	Name Print: Tlene P. De LARRE	Name Print: Jessica Mills
	Address: 8861 Sherwood Rd	Address: 7720 Mohrle RD
	Fowlerville, MI 48836	Fowlerville MI 48836

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Address: 7299 Nwstic Way DC	Address: 9240 St. Des Ild
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Signature: Then Shent Sehike	Signature:
Name Print: Shawn T Schoonbeck	Name Print: V. CHOYA Hawd
Address: 8720 Antelill Rd	Address: 9 240 Saner Rd.
Foulerville MI 4885\$	Faulerick, MI 48886
Signature: Was Hurdney	Signature: 2
Name Print: CHAD GARDNER	Name Print: Glavin Barnes
Address: 11089 MOHRLE RD	Address: 8074 W. Allen Rd
	Fowlerville MI 47836
WEBBERVILLE MI 48897	Table 1

Signature: William C. Muserial	Signature:
Name Print: William C. Miseliah	Name Print: Dave Boach
Address: 6755 CHASE LK, Road	Address: 9/06 North Colo
Folwer Ville M, 1	Fouglarville M. 48836
Signature: Nameta le Lucu	Signature: Mostly BA
Name Print: Danita Le FevRe	Name Print: Ashley Beach
Address: <u>9342 Grant Rd.</u>	Address: 9/06 N. robb r.J.
Fowlerville, yni.	Fowlerville mi 48P3C
Signature: Mule Ellott Address: 6568 hayner Rd Fowlangile MT	Signature: Many Archibald Address: 7676 Robb Rd Fowlerville MI 48831
Signature: Brad Fliott Address: 4568 hayw Rd Foulovilles WF	Signature: Clisic Huck Name Print: Elissa Huck Address: 8330 Killinger RD Howlerwille, MI 48836
Signature: Osbaris Hoching Address: 1162 bell oalerd Webbaric mi 48836	Signature: <u>Pamela</u> D. Auk Name Print: <u>Pamela</u> S. Huck Address: 8330 Killinger Rd Fowlerville, Mr. 48836

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Signature: Kanala Kanalanee	Signature: Diek Tariser	
Name Print: Mymela Harisau	Name Printe DIR Cariseau	
Address: 7676 Sober Rd.	Address: 7878 Sober 20	
Fouderville MI 488320	Fowlerville MT 48836	
Signature: Mole Yarbrough	Signature: Geff Knagga	
Name Print: Nicole Yarbrough	Name Print: JEFF Knaggs	
Address: (e5 le0 Robb Rd.	Address: 10927 OWOSSORD.	
Fowlerville MI 48836	Fowlerville	
Signature:	Signature:	
Name Print: Peter Furce	Name Print: Sherry Brown	
Address: 11395 Sadole Dr.	Address: 10009 Cowleaville	
Forles (ille Mi 4883)	tonderville Mi 48836	
Signature:	Signature: Lescon Wilhitse	
Name Print: Kyan Atherton	Name Print: Lesteen Wilkinson	
Address: 7620 W. Allen Rd	Address: 9900 Pierson Rd	
Fowlerville MF 48836	Foulerville, Ul 48836	
Signature: Oca	Signature: KM Www	
Name Print: Adam Red MONName Print: RON WILKIE		
Address: 10009 Fouler i We reladdress: 11/00 SPENCER DR.		
towlerville Mi 48836 FOWLERVILLE, MI 48836		

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Signature: Leggel Viena	Signature: Roy Ry
Name Print: 650868 R. Vicika III	Name Print: Lay Ruzzi
Address: 7/62 Subtle	Address: 7300 Joher Rd
Forlerulle Mi 48836	Fowlerville Mi 48836
Signature: fally mus	Signature: Dank Com
Name Print KELLY V. VONFS	Name Print: Dara ~ Coss
Address: 7000 SOBER RD.	Address: 7107 Sober Rcf
Jouleville, Mi. 48836	Fourleavilla M. 48836
Signature: John J. Sheets Name Printy John Sheets Address: 7000 Sober Pd Fowlerville, Mi 48836	Signature: Wayne Stiller Name Print: Wayne Stiffer Address: 7107 Sober Real 1-0 Werville Mi 41836
Signature: Primo Marrocco Name Print: Primo Marrocco Address: 7379 Sober RL. Fowlerville, Mich. 48836	Signature: Mhrc Lev Name Print: Cyffhia (255 Address: 1167 Sober Apowkea vill 48834
Signature: Janet Marrocco Address: 73793 cher Rd. Towlewille mg 48836	Signature: Hawa Hyrch Name Print: AUVA LYNCH Address: 159 Sobey Rds Fowlery: 11, M1 48876

Signature: Laplice Jano Menso	Signature:
Name Print: Robbie Jane Munro	Name Print: Cindy Curca
Address: 7191 Sober Rd	Address: 11395 Saddle () F.
Fowlerville MI 48836 -	Fow erville MI 43836
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Signature: Robert Wilkinson	Signature
Name Print: Robert WILKINSON	Name Print: Brandon Primeas
Address: 7338 Jober 12d	Address: 1521 saddle drive
FowLerville Mi 48836	Foules silk M/ 48836
Signature:	Signature: M. Primean
Name Print: Chandle William	Name Print: Michelle Primeau
Address: 1033 Sohn May	Address: 11521 Saddle D.
60 WLERUILLE, MI. 48836	Fowlerville MI 48830
Signature: Steple Smith	Signature:
Name Print: Stephen Smith	Name Print: Jaden Paneau
Address: 6988 Sober S.	Address: 11521 saddle Daive
FowlervilleMi, 48836	Fowlecuille Mi 48888
Signature: Sail M Smith	Signature: Lab A 5 M
Name Print: Gail M Smith	Name Print: Curts A Schultz
Address: 6988 Soher	Address: 11524 SADDO Pr
FOWLERVILE, MI 48831	m f 48836
Name Print: Loffrey W Tawes Address: 6550 Saber Fawlerville, Mich. 48836	Signature: Ban M N ra w5 18 Name Print: Ben Ja min Mura w512 Address: 11 F 02 Saddle DV M 1 U8836
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	33 of 38	
•	Signature: Bron Maher Name Print: Brian Maher Address: 7405 Chaselake Fowlerville MT. 48836	Signature: Apple West Name Print: Andrew Primeau Address: 11521 Saddle Dr Fowlesnille m. 48936
	Signature: Texi Mulu Name Print: Texi Mahek Address: 7405 Chase UK Rd For Derwille 1mi 48836	Signature: Cultur Roll Name Print: Austin Primeau Address: 11921 Saddle Pr Fowlaville MI, 46836
	Signature: Bracan Maher Name Print: Address: 705 chase calce Rd Fowlerville. MI	Name Print: Ann Clemons Address: 7450 W. Allen Fowlerule, MT 48836
	Signature: Name Print: Kimbyry J. Devellis Address: 835 Hickory St. Fowlersille, MT 48836	Signature: Jour allen Name Print: Tricia Allen Address: 7880 N. Nicholson Pd Fablenille, MI 48836
	Signature: Rayon Roman Name Print: Roman Pariseau Address: 7676 Sober Road Foreviring MT 46836	Signature: Kin Jambrick Name Print: Kim Vambrick Address: 7615 Lovejoy Rd Byron, KUI 48418

Signature: AR h	Signature: Rusself, Bembe
Name Print: DB 20 SuiTH	Name Print: Russell J Lemke
Address: 10587 MAKSIL RID	Address: 6937 Sober Rd
FOWERER JILLE MJ 48836	Fowlerville MI 48836
Signature: JAMES J. HEAD Address: 10200 MAASH RD. FOULERVILLE, MJ 48836	Signature: Authy S. Lemke Name Print: Kouthy S. Lemke Address: 6937 Sober Rd. Fowlerville, MI 48836
Name Print: John Shreve Address: 9880 Marsh 20 Fowlerstle, MI 48836	Name Print CHARLES NODIANOLID Address: 6925 - SOBER RU FOUR RUILLE MI. 48838
Signature: Heather Schnitz-Tackett Name Print: Heather Schnitz-Tackett Address: 9695 March Rd. Fowlerville, MI 4883C	Name Print: NOTALLE HUDSON Address: (1916 Sober Rd Fowlerville, M. 48836
Signature: Bray Tackett Name Print: Craig Tackett Address: 9695 Marsh Road Fowler ville, MI 48836	Name Print: Harold Lang STon Address: 6159 So Det Fowlerville. MI

Name Print: Sparie A Byers Address: 8746 W Allen Rd Fowlerville Mi 48836	Signature: Michael Munica; Name Print: MICHAEL MUNICA; Address: BBG5 KILLINGER FOWLERS WE, MZ 4836
Signature: Mathonee Hala Name Print: Nathonee Hala Address: 8/60 chase lake R.J. Foe levelle MI 48836 Signature:	Signature: My Kotos Name Print: Song Kotos Address: 8557 Killihape Rd Fouleville
Name Print: Tiffan Gross Address: 10365 Sherwood Rd Fowlerville MI 48836	Name Print: GARY REED Address: 11936 Secluded Rioge De Byron MT
Name Print: DougLASTR Young Address: 10321 CHASE LK RD. FOWLERJIUE, MICH. 48836	Name Print: Kative Reed Address: 11936 Sectuded Ridge Dr. Byron, MI
Signature: All Sulland Sulland A Sulland A Sulland A Sulland Address: 6901 SOBERRS FOUNDAMENTIE MT 48836	Name Print: Matt Kates Address: 8537 Killinger Rd Fasterville Rd

Signature: Cynthia Butlow	Signature: Butt Sulu
Name Print: Lynthia Britton	Name Print: Brett Gardner
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Fowlerville, MI 48836	Webberville, MI 48892
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Name Print: Adam Cuctis	Name Print: Senal's Rigery II
Address: 10240 Chase Lake RD	Address: 8484 Sober Rd
Fowlersite, MI 48843	Forterille, MI
Signature: My Louskey Name Print: Matthew Louskey	Signature: Anthon Killer
Address: 6632 Hanna Ct	Address: 9300 So Ben Ad :
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Signature: ATRICK STAVARIA	Signature: Name Print: Ryon BCU
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Name Print: Robert M. Dunesn	Name Print: Dense New
Address: 1/155 Allen 25	Address: 10481 Sherwood
Fourles ville, Mi 1/256	Fowlerville Mu
Signature:	Signature:
Name Print: Jess Fitte	Name Print: Danse Cattilo
Address: 6285 Sober Rd	Address: 6393 Sober Rd
Fowlerville MI	Fawlerville MI 48836
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Signature: July a July	Signature: Michael Wither
Name Print: SHA Seites	Name Print: MUHHEL WILERS
Address: (160 Shrwodlb	Address: AM PIERLAN RD.
Fowlerville MT 48836	FOWLERNUE, MY 46836
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Signature: Vike C Sub	Signature: Robin Oakley
Name Print: Vicki Serter	Name Print: Robin Oakley
Address: 6/60 Sherwood Rd	Address: 6614 Hanna CT
 Towlerville M1 48836	Byron, MT 48418
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Signature:	Signature: Shum Man
Name Print: BRIAN & WILLIAMS	Name Print: Shaun Morry Sci
Address: 6124 N. HERRINGTON RD	Address: 7104 Fowleville Pol
WEBSERVILLE MI 48892	Fowlerville. MI

Name Print: Mary A. Vidito

Address: 7512 N. Fowler ville Rd

Fowlerville, MI 48836

Signature: James Choate
Name Print: JAMES CHOATE
Address: 7540 FOWLERVILLE Rd.
Fallerville 48836
Signature: Eleanus Moate
Name Print: Eleanor Choate
Address: 1540 Fowlerville Rd
Forder Ville, Mi 48836
Signature: Medgwiech
Name Print: LARL NTEDZWIECKI
Address: 7600 FOWLERVILLE PD
FOWLERVAUE 48836
Signature: SCANA PORT
Name Print: 12 BORAL 134 REST
Address: 10321 E. LOUZJOYRO
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TO: The Citizens of Monroe County, Michigan

RE: Impact of Solar Farms on Property Value

Mary McClinton Clay is a real estate appraiser from Paris, Kentucky specializing in eminent domain and environmental studies. Over the past year, she has conducted a comprehensive analysis of diminution in property value as a result of proximity to utility scale solar farms.

- The results of her work are included in a May 25, 2021 Report entitled "A Summary of Solar Energy Generation Power Systems Damage Studies" prepared for the Clark Coalition (a citizens group) for a Hearing before the Clark County Kentucky Planning Commission.
- The report was prepared for the Hon. Thomas Miller, Miller, Griffin & Marks, PSC, Lexington, KY.
- > The report summarizes peer review journal articles, professional appraiser's reports, and the **Solar Farm Industry's Good Neighbor Agreement Program**. The latter is a new finding that has understandably not been made publicly available by the Solar Farm Industry.

On September 3, 2021, Senator Paul Homback, Chairman of the State of Kentucky Agriculture Committee 702, requested that Ms. Clay provide a summary chart of examples of diminution in property value as a result of proximity to utility scale solar farms. A copy of her September 3, 2021 letter and charts is attached for your information.

Below is a Summary of Ms. Clay's findings for your information.

Clay's "Property Value" research uncovered the following:

- The North Branch case study analyzes a developer **buy-out** of 7 abutting properties purchased by North Star Solar. The sale-resale analysis compares the sale prior to and after the purchase by the developer. The data indicates <u>a property decline in the range of -6.3 to -28 percent</u> with an average and <u>median decline of -17 percent</u>.
- An analysis of the McBride Place solar farm case study in Midland, NC found that for the single family sale-resales, the property value declined by -15.5 to -16.8 percent.
- ➤ The <u>Sunshine Farms</u> case study analyzed 13 single family lots from a subdivision that abuts a solar farm in Grandy, NC. Her research showed that the sale of lots that adjoin the solar farm sold for -15.5 percent less than the lots that did not abut.
- The Spotsylvania Solar case study examined the impact of solar farms on the sale of adjoining lots before and after the announcement that a 6,350 acre solar farm was coming to the area. The lots adjoining the proposed Solar Farm sold for <u>-30 percent less</u> than those not abutting the solar farm.

Note: Figure 1 provides a graphical representation of the impact that Solar Farms have on neighboring property values.

Clay's research on the "Confidential Good Neighborhood Agreement Program"

Solar Farm Industry's Good Neighborhood Agreement Program is designed to "limit" local opposition to a Solar Farm planned for a community/neighborhood.

- In the case of <u>Western Mustang Solar</u>, the Solar Developer offered adjacent property owners \$17,000 to not oppose the Solar Farm that they wish to build the neighborhood.
- ➤ In the case of <u>Lighthouse BP</u>, under the "Good Neighborhood" Agreement, the Solar Developer offered to pay property owners \$5,000 to \$50,000 depending on their proximity to the planned Solar Farm.
- ➤ In the <u>Posey Solar LLC case</u>, under the "Good Neighborhood" Agreement, the Solar Developer offered the landowner 10% of the appraised value if his property is within 300 feet of the Solar Farm, plus an annual payment of \$1,000, (or \$35,000 for project life).
- ➤ Under the "Good Neighbor" Agreement, the landowner agrees to not disclose his special agreement until the Solar Farm Application had been approved by the local County officials.

Conclusions from the "Good Neighborhood" Agreement Program

- These Neighborhood payments are a significant finding because they contradict solar developers' own appraisers who have claim that Solar Farms will not have an adverse impact on adjacent property values.
- These payments can only be interpreted as a tacit admission of value impairment.

NOTE: Figure 2 provides a graphical representation of the payments made by the Solar Developers to adjacent Property Owners under the Confidential Good Neighbor Agreement Program to quell opposition to the Proposed Solar Farm.

Sincerely,

Dr. Herbert M. Eckerlin, PE, PhD Emeritus Professor North Carolina State University Raleigh, NC 27695

Attachment 1. Clay's September 3, 2021 letter to Senator Paul Homback of Kentucky Legislature.

Attachment 2. Figure 1 on the impact of Solar Farms on neighboring property values.

Attachment 3. Figure 2 on payments made by Solar Developers to quell opposition to proposed Solar Farm.

MARY MCCLINTON CLAY, MAI 218 Main S&eet Paris, Kentucky 40361 859-987-5698

September 3, 2021

Senator Paul Homback Chairman Agriculture Committee 702 Capital Avenue Frankfort, KY 40601-3415

Dear Senator Homback:

My name is Mary McClinton Clay and I am a real estate appraiser from Paris, Kentucky specializing in eminent domain and environmental damage studies.

As requested, I am attaching a summary chart of examples of diminution in property value as a result of proximity to utility scale solar farms.

I have documented these case studies in a report entitled "A Summary of Solar Energy Generation Power Systems (Solar Farm) Damage Studies as of May 25, 2021," which I prepared for the Clark Coalition for a hearing before the Clark County Planning Commission on May 25, 2021. The report summarizes peer review journal articles, professional appraiser's reports, and solar developer's neighbor agreements, as summarized on the attached chart.

I have also documented additional examples of value diminution in four recent reviews of Impact Studies prepared by appraisers for solar developers as part of their applications to the Kentucky Siting Board.

In addition to five previously published studies, indicating property decline of up to -20.0 percent, four case studies, prepared by my offce, are included.

The North Branch, rvfN case study analyzes a developer buy-out of 7 abutting properties purchased by North Star Solar. The sale-resale analysis compares the sale prior to and after the purchase by the developer. The data indicates a property decline of -6.3 to -28.0 percent with an average and median decline of -17.0 percent.

The McBride Place solar farm case study from Midland N.C. includes the analysis of single family sale-resales indicating value declines rmging from -15.5 to -16.8 percent.

ne Sunshine Farms case study analyzes 13 single family lots from a subdivision that abuts a solar farm in Grandy, N.C. The sales that adjoin the solar farm sold for -15.5 percent less than the lots that did not abut, despite a required 300.0 foot set back from the rear property line.

Senator Paul Homback September 3, 2021 Page 2

The Spotsylvania Solar case examines single family lot sales before and after the announcement of the 6,350 acre 617 MW solar facility. The adjoining sales sold for -30.00 percent less than those not abutting the solar farm.

Solar developers use "Neighbor Agreements" to limit local opposition to their solar farms. The Western Mustang Solar Agreement consists of a monetary offer of \$17,000 to adjacent property owners to not oppose their solar farm

The Lighthouse BP Neighbor Agreement offers \$5,000 to \$50,000 to adjacent property owners depending on proximity to the solar farm.

The Posey Solar, LLC agreement offer is equal to 10.0 percent of appraised value for neighbors within 300 feet of the solar field, plus an annual \$1,000 payment, or \$35,000 for the life of the project. Apparently, Posey Solar considers any property within 300.00 feet of a solar farm to be at risk of value decline.

These payments are significant because the developers' own appraisers have determined that solar farms will have no adverse impact on adjacent property values. However, the payments can only be interpreted as a tacit admission of value impairment.

The evidence to date, indicates the need for a more robust and comprehensive analysis of the effect of utility scale solar farms on property values than that presented by solar developers; and prior to the approval of additional solar farms in Kentucky.

Sincerely,

Mary McClinton Clay, MAI
SUMMARY OF INDICATED VALUE DECLINE

DATE	STUDY	RESULT
2018	University	Assessor survey respones ranged from value impact of zero
	of Texas	to estimation of negative impact associated with close
		distance between the homes and the facility, and
		impact increased with increased size of the solar plant.

2020	University	Average decline within 3.0 mile radius was -1.7%, or \$5,671.
	of Rhode Island	Average decline within 0.1 mile was -7.0%, or \$23,682.
		The "results suggest extremely large disamenities for
		properties in very close proximity."
2013	Fred H, Beck &	Strata Solar Case Study: Potential Purchasers cancel contract
	Associates, LLC	upon learning of the solar facilit
		Clay County Case Study: Lot sales stopped after announce-
		ment of solar plant. Clay County Board of Equalization
		reduced affected property assessments -30.0%.
		Non-residential Use View Impariment Study: Adjacent
		incompatible use adversly impacted nearby properties -10.7%
		to -25.1%, or an average of -15.2%.
		AM Best Solar Farm Study: No diminution in value due to
		pre-existing industrial zoning for solar farm.
2020	Mark W.	Adams County, PA View Case Study: The loss of view results in
	Heckman, R.E.	a -15% to -20.0% loss in value.
	Appraisers	
2019	Madison County	Potential purchaser offered -16.43 % less than
	Indiana	appraised value upon learning of the proposed solar plant.

DATE	STUDY	RESULT
2021	Mary McClinton	North Star Solar Case Study (MN): An Analysis of the 7 adjoining
	Clay, MAI	properties purchased by North Star PV, LLC. A sale-resale
		analysis of the sale prior to and subsequent to the purchase
		by the solar developer. The sale-resales indicate a range of
		diminution from -6.3% to -28.0% with a median decline of
		of -16.9% and an average decline of -16.8%.
2021	Mary McClinton	McBride Place Solar Farm Case Study (NC): Analysis of 3 sale-
	Clay, MAI	resales and a comparison of the sale price and tax assessment.
		The sale-resales indicate -15.65%, -15.51% and -16.44 percent
		diminution in value. The sale price/tax assessment indicates
		a -16.81% loss of value.
2021	Mary McClinton	Sunshine Farms Case Study (NC): Analysis of 13 vacant single
	Clay, MAI	family lot sales from a subdivision that abutts a solar farm. The
		sales that adjoin the solar farm sold for -15.5% percent less than
		the lots that did not abutt the solar farm.
2021	Mary McClinton	Spotsylvania Solar Case Study (VA): Analysis of 5 vacant single
	Clay, MAI	family lot sales from a section of Fawn Lake Subdivision that is
		adjacent to the solar farm. The lots that adjoin the solar farm

		sold for -30.0% less than those that did not adjoin.
2020	Western Mustang	Monetary offer of \$17,000 to adjacent property owners to
	Neighbor Agreem	quel opposition to the proposed solar facility.
2020	Lighthouse BP	Monetary offer of \$5,000 to \$50,000 to adjacent property
	Neighbor	owners depending on proximity to the solar facility to quel
	Agreement	opposition.
2021	Posey Solar, LLC	Monetary offer equal to 10% of appraised value for neighbors
	Neighbor	within 300 feet of the solar field, plus an annual \$1,000
	Agreement	payment (\$35,000 for project life).

MARY MCCLINTON CLAY

PROFESSIONAL QUALIFICATIONS

Mary McClinton Clay, MAI 218 Main street, Paris, KY 40361 859-987-5698/Ce11: 859-707-5575 mclayky@bellsouth.net

Market Area: Commonwealth of Kentucky

Primary Practice Focus: Litigation and zoning support with an emphasis on damage studies, including environmental and eminent domain.

Appraisal Experience:

1985 to Present: Self-employed - engaged in commercial, industrial and farm valuation. 1979-1984: Employed by Realty Research - engaged primarily in income property appraisal. 1976-1979: Residential appraisal experience with fee appraisers.

Previous assignments include: Eastern State Hospital; Gateway Shopping Center; Lakeside Heights Nursing Home, N. KY; L&N Offce Building, Louisville; Alltech Biotechnology Center, Nicholasville, Paris Stockyards; Conrad Chevrolet, Lexington; CSX Rail Yards in Mt. Sterling and Paris; First Baptist Church, Cold Spring; Lusk-McFarland Funeral Home, Paris; Feasibility Study of proposed Hamburg Place Office/Indus&ial Park, Lexington; Rent Analysis of IRS Service Center, Covington; Surtech Coating, Nicholasville; Clem Refrigerated Warehouse, Lexington; Bluegrass Manufacturing, Lexington; Finley Adhesives,

Louisville; Cental Manufacturing and Central Light Alloy, Paris; Review Appraisal of Rand McNally Plant, Versailles and Timberland Distibution, Danville; Old Scott County Jail; Millspring Battlefield; Truck Terminals, Fast Food Restaurants, Retail Centers, Lumber Mills, Car Wash, Multi-Family Residential, Mobile Home Parks, Convenient Stores and Subdivision Analyses.

Thoroughbred Horse Farms including Pin Oak Farm, Bunker Hunt Farms, Pillar Stud Farms, Elmendorf Farm, Summer Wind Farm, Hidaway Farm, Stoner Creek Stud, Runnymede Farm, Wilshire Farm, Lynnwood Farms, Stonereath Farm, Idle Hour Farm, Canefield Farm, Elk Creek Farm, Lochness Farm, Stoneleigh Farm, Elizabeth Station Farm.

Right of Way Experience: Rose Street Extension, Lexington, 1986-87; AA Highway: Greenup co., 1989, Carter co., 1990-91; U.s. 27 Campbell co. 1991-1992, 1993; Bridge Realignment, Walton, 1992; Indusfry Rd, Louisville, 1993; 19th St. Bridge, Covington, 1994;

U.S. 27, Alexan&ia, 1994; S. Main St., London, 1995; Paris Pike, Paris and Bourbon County, 1995-98; KY Hwy 22 at 1-75, Dry Ridge, 1996; Bridge Projects on KY Hwy 19, Whitley County, 1997; US 150, Danville, 1998; US 460 Morgan co., 1999; US 62 south, Georgetown, 2000; Bluegass Pkwy and KY 27 Interchange, Anderson Co., 2001; KY 519, Rowan County, 2002; US 641, Crittenden County, 2005; US 25, Madison County, 2008-09; US 68, Bourbon County, 2009-10; Clark County, 2011; US 68 Millersburg By-pass,

MARY MCCLINTON CLAY

PROFESSIONAL QUALIFICATIONS

Bourbon County, 2012-13; US 119, Bell County, 2014-15; US 25, Madison County, 201617; Excess Land, Georgetown By-pass, 2020; Access Break, Industrial Drive, Lebanon, 2020.

Railroad Right of Way Experience: CSX in Floyd, Perry, Clark, Woodford, Franklin, Montgomery, Johnson, Magoffn, Breathitt, Fayette, Madison, Mason, and Bourbon Counties, 1987-2016.

Rails to Trails: Rowan County, 2005; Montgomery County, 2009, Franklin County, 2014; Floyd County, 2016.

Environmental Damage Studies: Yellow Creek Concerned Citizens v. Middlesboro Tannery: effect of tannery contamination on 350 properties along Yellow Creek, Bell County, KY, 1988; James E. Sullivan, et al v. Board of Regents, et al: effect of Animal Waste Fermentation Project at the Organic Pasteurimtion Plant at North Farm of Murray State University on Sullivan's Executive Par 3 Golf Course and Sports Center, Murray, KY, 2003; West Farm Subdivision, Pulaski County: effect of contamination of groundwater from underground storage of dry cleaning solvents on residential lot values, 2004; Gene Nettles, et al v. Environmental and Public Protection Cabinet: Division of Water, David Morgan, Director and J.P. Amberg Hog Farm: Diminution of Value Analysis As a Result of Proximity to Hog Facilities in Daviess, Warren, Calloway, Graves, Hickman and Carlisle Counties, Kentucky, 2006; Terry Powell, et al v. Tosh, et al: Diminution of Value Analysis as a Result of Proximity to Hog CAFOs in Marshall County, KY, 2007; City of Versailles v. Prichard Farm Partnership, Ltd.: effect of sewage treatnent pump station and ancillary easements upon Woodford County cattle farm, 2008; Kentucky Utilities Company v. James and Mary Jent, CDHPreserve, LLC and Farm Credit Services of Mid-America, FLC, Violet Monroe: the effect of High Voltage Transmission Lines on three Hardin County agricultural properties, 2011; Terrence G. Kerschner, et al v. Burley Oil Company, et al: the effect of Leaking Underground Gasoline Tanks on Country Lane Estates, Frankfort, KY, 2013; Jerry Whitson v. Donnie Cross: effect of Drainage Encroachment upon Adjacent Property, 2013; the effect of Cell Tower on Bourbon County Farm, 2014; Steve D. Hubbard v. Prestress Services Industries, LLC: effect of Fugitive Particulate Emissions upon a Single Family Dwelling, 2016; Henderson City-County Airport v. Mary Janet Williams, et. al.: the effect of Proximity of a Regional General Aviation Airport on Agricultural Values, 2019; Patricia Kushino, et al v. Federal Aviation Administration, et al: the effect of Stormwater Drainage on Woodland Value, 2021.

Additional Damage Studies:

Faulty Consüuction: 172 Post Oak Road, Paris, KY; 152 Cross Creek Drive, Paris, KY;

Hartland Subdivision, Lexington, KY

Flood Damage: 208 Cary Lane, Elizabethtown, KY Blasting Damage: Chicken Farm, Tolesboro KY

Super Fund Sites: KY Wood Preserving, Inc., Winchester, KY; River Metals Recycling,

Somerset, KY

Expert Witness: Circuit Courts of Bourbon, Carter, Fayette, Franklin, Hardin, Laurel and Woodford Counties

MARY MCCLINTON CLAY

PROFESSIONAL QUALIFICATIONS

Court Testimony:

Laurel Circuit Court: Yellow Creek Concerned Citizens v. Middlesboro Tannery, 1995.

Franklin County Circuit Court: Richard McGehee v. Commonwealth of Kentucky

Transportation Cabinet, 2008; Terrence G. Kerschner, et al v. Burley Oil Company, et al, 2014.

Hardin County Circuit Court: Richard McGehee v. Commonwealth of Kentucky Transportation Cabinet, 2008.

Woodford County: Horn v. Horn, 2009

Bourbon County Circuit Court: Blasting Case, 1980s; Waterway Impediment Case, 2000; Faulty Construction, 2009, Hadden v. Linville, 2015.

Fayette County Circuit Court: Faulty Construction, 1980s; Bluegrass Manufacturing (Divorce Case), 1999, Whitson v. Cross: Drainage Encroachment, 2013.

Carter County: Condemnation for Commonwealth of KY Transportation Cabinet.

Conservation and Wetland Easements: Bluegrass Heights Farm, Fayette County:

Conservation and Preservation Easement; Wetland Easements in Pulaski, Lincoln, and Fulton Counties for NRCS.

Zoning Support: John Vance, et al v. Paris City Commission 2019; Citizensfor Progressive Growth and Development v. Paris Bourbon County Planning Commission 2004-2007 and 2016; Paris First v. Paris Bourbon County Planning Commission 2003-2006; Paris First v. Paris City Commission 2002-2003; Coppers Run Historic District, Inc. v. Abundant Life Worship Center 1995; Sugar Grove Farm v. East Kentucky Power 1994-1996; Lawrence Simpson, et al v. Harry Laytart 1986-1996.

Professional Organizations:

Appraisal Institute: MAI, 1985; SRPA, 1982; SRA, 1980

Appraisal Institute Education Certification:

The Appraisal Institute conducts a voluntary program of continuing education for its designated members. I am certified under this program through December 31, 2023.

Education: Hollins College, B.A., 1972

Appraisal Education: Society of Real Estate Appraisers Course 101, 1977; SREA Course 201, 1978; SREA Course 301, 1981; AIREA Course VIM, 1979; AREA Course VI, 1979; AIREA Course II, 1980; AIREA Course in Investment Analysis, 1980; AIREA Course in Valuation Litigation, March, 1986; Appraisal Institute Standards of Professional Practice, 1992; AIREA Comprehensive Examination, August, 1983; Courses in Real Estate Finance, Income Property Appraisal, Real Property Valuation, and Investment Analysis, 1977-1978, Eastern Kentucky University; Appraisal Institute Course 400G, Market Analysis/Highest and Best Use, 2008, Conservation Easement Certification, 2008.

Attended numerous seminars covering a variety of topics including investment analysis, feasibility and market analysis, eminent domain and condemnation, valuation of lease

MARY MCCLINTON CLAY PROFESSIONAL QUALIFICATIONS

interests, component depreciation, risk analysis, current issues in subdivision and zoning law, Yellow Book and appraiser as expert witness.

Figure 1. Impact of Solar Farms on Neighboring Property Values

Based on

Peer Reviewed Journals, University Studies, and Professional Appraisers Reports Covering Properties in Pennsylvania, Indiana, Minnesota, North Carolina, South Carolina, Rhode Island

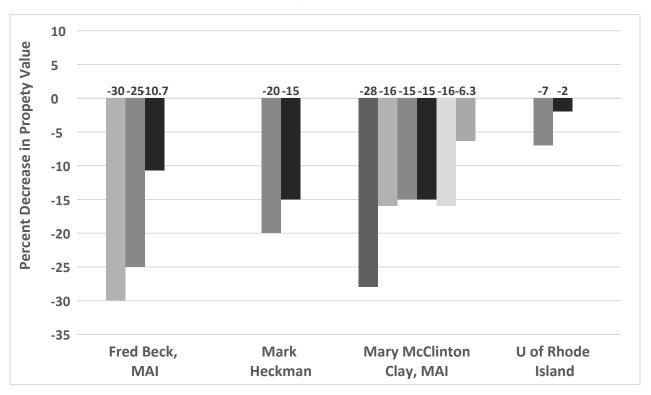
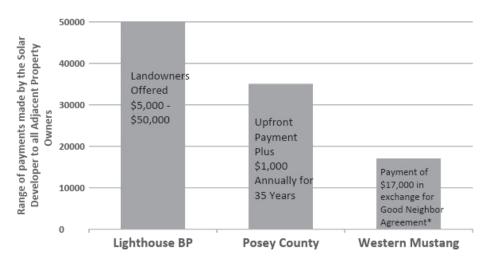


Figure 2. Confidential Good Neighbor Agreements

Payments made by Solar Developers to adjacent Property Owners
to quell opposition to Proposed Solar Farm



* Good Neighbor Agreement requires the property owner to agree to the following: Refrain from objecting to the proposed Solar Farm,

Fully support the project,

Not to oppose in any way at the administrative, judicial or legislative level. SEIA Claims of increase in property value found to be without merit.