OPSB Letter of Notification Trumbull Energy Center Electrical Interconnection Attachment F - Wetlands Delineation Report - Part 2

Appendix E:

Stream Habitat Forms

Fzir WWH

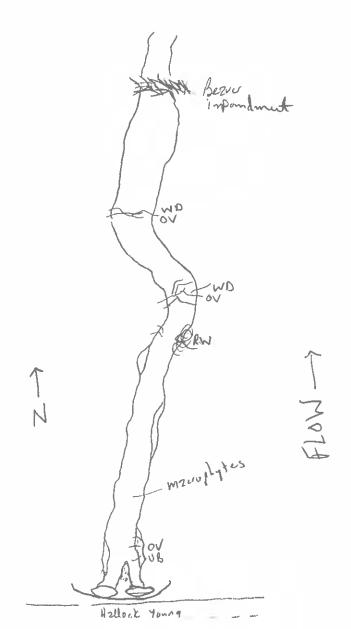
06/15/11

CHEER	Qualitative Habitat Evaluation Index Field Sheet	QHEI Scor	e: 52,75
Stream & Location	1: Mud Creek 5	RM: 6.6 Date:	8/23/16
STORET #:	Scorer Name & Affiliation: Less War		<u></u>
River Code:		54486	Office verified
1] SUBSTRATE Ch	eck ONLY Two substrate TYPE BOXES;		location 🗵
BEST TYPES	OTHER TYPES OFICIAL	E (Or 2 & average)	1957
□□ BLDR /SLABS [16		QUA MEAVY	
☐ ☐ BOULDER [9]	OUTWASH [1]	SILT MODER	ATE [-1] Substrate
GRAVEL [7]	☐ ☐ MUCK [2]	☐ NORMA ☐ FREE [1	L [0]
SAND [6]	25 20 ARTIFICIAL [0] SANDSTONE [0]	ZKEXTENS	IVE I-21
☐ ☐ BEDROCK [5] NUMBER OF BEST	(Score natural substrates; ignore RIP/RAP [0] E TYPES: 2-4 or more [2] studge from point-sources) LACUSTRINE [0]	MBEDDED MODER NESS NORMA	ATE [-1] Maximum
Comments	☐ 3 or less [0] ☐ SHALE [-1]	□ NONE [·	[] ·20
Upstrezm	colvert : donastream beaver impoundment	Quant 1 1 .	. / . ()
	FR Indicate presence 0 to 3: 0-Absent: 1-Very small amounts or if more common of	Hopeways to be a	- L
quality: 3-Highest quality	quality; 2-Moderate amounts, but not of highest quality or in small amounts of y in moderate or greater amounts (e.g., very large boulders in deep or fast water to	highest Check ONE (Or 2 & average) 3
diameter log that is stab	ile, well developed rootwad in deep / fast water, or deep, well-defined, functional po	ols. EXTENSIVI	E >75% [11]
OVERHANGING \	VEGETATION [1] ROOTWADS [1] AQUATIC MACROPHYTE	S [1] □ MODERATI S [1] □ SPARSE 5-	= 25-75% [7] <25% [3]
SHALLOWS (IN S	BLOW WATER) [1] BOULDERS [1] LOGS OR WOODY DEBR		BSENT <5% [1]
Comments			Cover 14
			20 7
	HOLOGY Check ONE in each category (Or 2 & average)		
	EXCELLENT [7] NONE [6] STABILITY EXCELLENT [7] NONE [6] THIGH [3]		
☐ MODERATE [3] ☐	GOOD [5] RECOVERED [4] MODERATE [2]		
	FAIR [3] RECOVERING [3] DOWN [1] RECENT OR NO RECOVERY [1]		Channel Com
Comments			Channel (Maximum \)
Upstream			20
4] BANK EROSION River right looking downstr	AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2		
EROSION	RIPARIAN WIDTH WIDE > 50m [4] RIPARIAN WIDTH FLOOD PLAIN QUALITY FOREST, SWAMP [3]	LK	
NONE / LITTLE [3]	☐ MODERATE 10-50m [3] ☐ SHRUB OR OLD FIELD [2]	URBAN OR IN	ON TILLAGE [1] DUSTRIAL for
☐ MODERATE [2] ☐ HEAVY/SEVERE [☐ ☐ NARROW 5-10m [2] ☐ RESIDENTIAL, PARK, NEW FIELD [1]	☐ ☐ MINING / CON:	STRUCTION [0]
	1]	Indicate predominant la past 100m riparian.	
Comments	35 3		Riparian 9,75
FI POOL / CLIDE AL	ID DIEGLE / DUN OUAL ITY		10
MAXIMUM DEPTH	ID RIFFLE / RUN QUALITY CHANNEL WIDTH CURRENT VELOCITY		_
Check ONE (ONLY!)	Check ONE (Or 2 & average) Check ALL that apply		
⊠ > 1m [6] □ 0.7~1m [4]	□ POOL WIDTH > RIFFLE WIDTH [2] □ TORRENTIAL [-1] ☑ SLOW [1] ☑ POOL WIDTH = RIFFLE WIDTH [1] □ VERY FAST [1] □ INTERSTITIAL	P 48	
☐ 0.4~<0.7m [2]	☐ POOL WIDTH < RIFFLE WIDTH [0] ☐ FAST [1] ☐ INTERMITTEN	∟ [-1] {T [-2]	
☐ 0.2-<0.4m [1] ☐ < 0.2m [0]	□ MODERATE [1] □ EDDIES [1] Indicate for reach - pools and riffles		Pool/
Comments D			Current 8
Indicate for fund	adhad ວະເປັດ ເພດຍາດ down.t tional riffles; Best areas must be large enough to support a p		12
of riffle-obligate	species: Check ONE (Or 2 & average).	opulation	RIFFLE [metric=0]
RIFFLE DEPTH	RUN DEPTH RIFFLE / RUN SUBSTRATE RIFFLE	/ RUN EMBEDDI	DNESS
□ BEST AREAS > 10cm [2 □ BEST AREAS 5-10cm [1		□ NONE [2]	
X BEST AREAS < 5cm	MINSTARI F (a.g. Fine Grave) Sand) (A)	LOW [1] MODERATE [0]	Riffle /
[metric=0	,	EXTENSIVE [-1]	Run Maximum
6] GRADIENT	OFFICIAL DRAINAGE AREA (2.18 m/2) 84 POOL (25)		8
(WP)	4 _{ft/mi)} DRAINAGE AREA (2,18/mi²) %POOL: 25 %	GLIDE:	Gradient
	%RUN: (75)%R	IFFLE:	Maximum 5

EPA 4520

SECCHI DEPTH Comment RE: Reach consistency/ Is reach typical of steam?, Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.	DE 1st cm		•	Km	5 Km	יונ	Sue	Consider maintenance status and basin issues. Write something to aide understanding of overall QHEI score.
METHOD D	MADE TINE	OTHER	DISTANCE		☐ 0.15 Km ☐ 0.12 Km	☐ OTHER	meters	

Stream Drawing:



Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3): SITE NAMELOCATION TYLIMBUIL BIERRY CENTER SITE NUMBER 5-1 RIVER BASIN MONONING DRAINAGE AREA (mi²) 4/m/2 LENGTH OF STREAM REACH (f) 100 LAT. 41.14448 LONG. 80. 84816 RIVER CODE RIVER MILE DATE 8/20/16 SCORER L. SAYY __ COMMENTS NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions □ NONE / NATURAL CHANNEL □ RECOVERED ■ RECOVERING □ RECENT OR NO RECOVERY STREAM CHANNEL Channelized ditch - Possibly man-made **MODIFICATIONS:** SUBSTRATE (Estimate percent of every type of substrate present. Check ONLY two predominant substrate TYPE boxes HHEI (Max of 40). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B. TYPE Metric TYPE PERCENT Points SILT [3 pt] BLDR SLABS [16 pts] ÖŌ BOULDER (>256 mm) [16 pts] LEAF PACK/WOODY DEBRIS [3 pts] Substrate BEDROCK [16 pt] oo FINE DETRITUS [3 pts] Max = 40COBBLE (65-256 mm) [12 pts] CLAY or HARDPAN [0 pt] 口図 GRAVEL (2-64 mm) [9 pts] MUCK [0 pts] SAND (<2 mm) [6 pts] ARTIFICIAL [3 pts] Total of Percentages of (B) A+B Bldr Slabs, Boulder, Cobble, Bedrock SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: TOTAL NUMBER OF SUBSTRATE TYPES: Maximum Pool Depth (Measure the maximum pool depth within the 61 meter (200 ft) evaluation reach at the time of Pool Depth evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check ONLY one box); Max = 30> 30 centimeters [20 pts] > 5 cm - 10 cm [15 pts] > 22.5 - 30 cm [30 pts] < 5 cm [5 pts] > 10 - 22.5 cm [25 pts] NO WATER OR MOIST CHANNEL [0 pts] COMMENTS **MAXIMUM POOL DEPTH (centimeters):** BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check ONLY one box): Bankfull 8 > 4.0 meters (> 13') [30 pts] > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts] Width > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts] ≤ 1.0 m (≤ 3' 3") [5 pts] > 1.5 m - 3.0 m (> 4' 8" - 9' 7") [20 pts] **AVERAGE BANKFULL WIDTH (meters)** This information must also be completed RIPARIAN ZONE AND FLOODPLAIN QUALITY \$NOTE: River Left (L) and Right (R) as looking downstream\$ RIPARIAN WIDTH FLOODPLAIN QUALITY (Per Bank) (Most Predominant per Bank) 汉区 図図 00 Wide >10m Mature Forest, Wetland Conservation Tillage Immature Forest, Shrub or Old Moderate 5-10m Urban or Industrial Open Pasture, Row Narrow <5m Residential, Park, New Field Crop None **Fenced Pasture** Mining or Construction COMMENTS FLOW REGIME (At Time of Evaluation) (Check ONLY one box): Stream Flowing Moist Channel, isolated pools, no flow (Intermittent) Subsurface flow with isolated pools (Interstitial) Dry channel, no water (Ephemeral) COMMENTS_ SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check ONLY one box): None 1.0 2.0 3.0 0.5 STREAM GRADIENT ESTIMATE

☐ Moderate to Severe

Severe (10 ft/100 ft)

☐ Moderate (2 t/100 ft)

Flat (0.5 n/100 ft)

Flat to Moderate

ADDITIONAL ST	TREAM INFORMATION (T	his information Mu	st Also be Complete	<u>1):</u>			
QHEI	PERFORMED? - TYes	No QHEI Score	: (If Yes,	Attach Completed Q	HEI Form)		
WWH Name:	NSTREAM DESIGNATED		 	Distance from	Evaluated Stream Evaluated Stream Evaluated Stream		
	ING: ATTACH COPIES OF						
USGS Quadrang	le Name: Warre	1	NRCS Soil M	ap Page: N	RCS Soil Map Stream Or	der	
County: Tr	umbull		Township / City:	Lordston	n		
	ELLANEOUS						
	itions? (Y/N): N Da mation: attach	and the second s	8/25/14	Quantity: <u>U</u>).55" (Sem	i-drough	#)
	y? (Y/N): N		15°/2				
	ollected for water chemistry			id and attach reculto	A Lob Bumbas		
	Temp (°C) Dis						
	each representative of the						
			mod, produce explain.				
	ents/description of pollution	impacts:					
		Include appropriate fie //N) Salaman /oucher? (Y/N)	eld data sheets from the	Primary Headwater I	ner samples must be labele Habitat Assessment Manua (N)Voucher? (Y/N)	l)	
	AWING AND NARRA portant landmarks and of	her features of inter	est for site evaluatio	n and a narrative de	scription of the stream's	location	0.bm (1
		PFO We			W/ Shrub	under	37 DY L
		DIrt N	nound	Div+	mound		
FLOW -	Woody			Dollas	Worky par	Λ.	<i>→</i> >
		Fo	rest w/	shrub u	nderstong		

Primary Headwater Habitat Evaluation Form

-	S CONTRACTOR OF THE	THE Score (sum or metrics 1, 2, 3):	
SITE NAME	FLOCATION TRIVINGIALS E	NERGY CENTER LARDSTOWN DH	
	SITE NUMBER	R 5-2 RIVER BASIN MANDNING DRAINAGE AREA (mi²)	0.1
LENGTH O	F STREAM REACH (ft) 44 1 4UC 2016 SCORER A. GIL	LAT. 41.145796 LONG80.8496 RIVER CODE 05030103 RIVER MILE	·
		Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Inst	ructions
STREAM	CHANNEL IN NONE	ANATURAL CHANNEL RECOVERED RECOVERING RECENT OR NO REC	OVERV
MODIFIC			
		Trevia is	
. \$U	BSTRATE (Estimate percent of	f every type of substrate present. Check ONLY two predominant substrate TYPE boxes	I
TYPE (Ma	ax of 40). Add total number of sig	inificant substrate types found (Max of 8). Final metric score is sum of boxes A & B.	HHEI Metric
	BLDR SLABS [16 pts]	PERCENT TYPE PERCENT	Points
	BOULDER > 256 mm) [16 pts]	5 (EAF PACKWOODY DEBRIS [3 pts] 45	1
00 (BEDROCK [16 pt]	O FINE DETRITUS [3 pts]	Substrate Max = 40
	COBBLE (65-256 mm) [12 pts] GRAVEL (2-64 mm) [9 pts]	10 CLAY or HARDPAN [0 pt] 10 MUCK [0 pts]	
	SAND (<2 mm) [6 pts]	15 O ARTIFICIAL 28 pts)	18
100	Total of Percentages of		HOLDER DATE
	Slabs, Boulder, Cobble, Bedrock	k 15	A+B
CORE OF	TWO MOST PREDOMINATE SU	JBSTRATE TYPES: TOTAL NUMBER OF SUBSTRATE TYPES:	-
Max	dmum Pool Depth (Measure th	e maximum pool depth within the 61 meter (200 ft) evaluation reach at the time of	Do al Danti
eva	luation. Avoid plunge pools from	road culverts or storm water pipes) (Check ONLY one box):	Pool Dept
	centimeters [20 pts] 5 - 30 cm [30 pts]	>5 cm - 10 cm [15 pts]	4
	- 22.5 cm [25 pts]	< 5 cm [5 pts] NO WATER OR MOIST CHANNEL [0 pts]	0
COS	MMENTS dru	0.1	SEAL TO
	<u> </u>	MAXIMUM POOL DEPTH (centimeters):	
BAN	NK FULL WIDTH (Measured as a meters (> 13') [30 pts]	the average of 3-4 measurements) (Check ONLY one box):	Bankfull
☐ > 3.0	m - 4.0 m (> 9' 7" - 13') [25 pts]	☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts] Ø ≤ 1.0 m (≤ 3' 3") [5 pts]	Width _Max=30
	m - 3.0 m (> 4' 8" - 9' 7") [20 pts]	Parce and Parce	-
CO	MENTS 10", 15", 21"	X = 18" AVERAGE BANKFULL WIDTH (meters)	5
		The same of the sa	25EATH 40TH
		This information must also be completed	
	RIPARIAN ZONE AND FLOO RIPARIAN WIDTH	ODPLAIN QUALITY	
L		FLOODPLAIN QUALITY L B (Most Predominant per Bank) L B	
201		Mature Forest, Wetland	
	Moderate 5-10m	Immature Forest, Shrub or Old	
	D Narrow <5m	Fleid Cons Backura Bau	
		Crop	
	None COMMENTS	Fenced Pasture	
	ELOM DECISEE /A4 7/		-
	FLOW REGIME (At Time of E Stream Flowing	Evaluation) (Check ONLY one box): Moist Channel, isolated pools, no flow (Intermitten)	h
	Subsurface flow with isolated p	pools (Interstitial) Dry channel, no water (Ephemeral)	t)
	COMMENTS		_
-	SINUOSITY (Number of bend	is per 61 m (200 ft) of channel) (Check ONLY one box):	
X	None [0.5	☐ 1.0 ☐ 2.0 ☐ 3.0	
J	0.0	J 1.5 □ 2.5 □ >3	
OTO	EAM GRADIENT ESTIMATE		
A Flat (0.5 ft		☐ Moderate (2 N/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/	

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):	
QHEI PERFORMED? - Tyes V No QHEI Score(If Yes, Attach Completed	QHEI Form)
DOWNSTREAM DESIGNATED USE(S) WWH Name: Distance fr CWH Name: Distance fr	om Evaluated Stream
MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEA	
USGS Quadrangle Name: Warren NRCS Soil Map Page:	
County: Trum bull Township/City: Lord8tol	Wind Sou way Sueam Order
MISCELLANEOUS	
Base Flow Conditions? (Y/N): N Date of last precipitation: 00 26 114 Quantity	0.55" Semi-drought Condition
Elevated Turbidity? (Y/N): N Canopy (% open): 745	Condition
Were samples collected for water chemistry? (Y/N): N (Note lab sample no. or id. and attach resi	tilke) I ah Number
Field Measures: Temp (°C) Dissolved Oxygen (mg/l) pH (S.U.) Cond	
Is the sampling reach representative of the stream (Y/N) U If not, please explain:	detivity (primos/cm)
Thou, produce explain.	
Additional comments/description of pollution impacts:	
Performed? (Y/N): (If Yes, Record all observations. Voucher collections optional. NOTE: all vo	oucher samples must be labeled with the site er Habitat Assessment Manual)
Fish Observed? (Y/N) Voucher? (Y/N) Salamanders Observed? (Y/N) Voucher? Frogs or Tadpoles Observed? (Y/N) Quicher? (Y/N) Aquatic Macroinvertebrates Observed? Comments Regarding Biology:	? (Y/N) Voucher? (Y/N)
DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (THE	
Include important landmarks and other features of interest for site evaluation and a narrative	description of the stream's location
N/	
	PFO (WI
NV MV/AF	PTO COI
T Forut	PTO COOL
FLOW SMall	PTO COOL
Chanda	PTO COO
G-> Small Nillside	PTO CVOI
FLOW SMall	PTO COO

Primary Headwater Habitat Evaluation Form

THEI Score (sum or metrics 1, 2, 3):	
SITE NAME LOCATION TRUMBULL FAMILY LENTER, LOCASTINAN, OF	
SITE NUMBER 5-3 RIVER BASIN MA-HONING DRAINAGE AREA (mi3) 50.1	
LENGTH OF STREAM REACH (#) 59' LAT. 41. 4451 LONG. 10.851788 RIVER CODE 15030103 RIVER MILE	
DATE 26 AUG 2014 SCORER A. GILMOKE COMMENTS	
NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instruct	ions
STREAM CHANNEL DIRECTOR NO RECOVERED RECOVERING RECENT OR NO RECOVE	
MODIFICATIONS:	.RY
MODIFICATIONS.	
TYPE PERCENT TYPE DEDCEMT N	HHEI Metric
BLDR SLABS [16 pts] SILT [3 pt]	oints
The control of the part of the	ubstrate
COBBLE (65-256 mm) [12 pts] S CLAY or HARDPAN III pti	ax = 40
GRAVEL (2-64 mm) [9 pts] 40	on 🛭
	LU E
Total of Percentages of (A)	A + B
SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: TOTAL NUMBER OF SUBSTRATE TYPES:	-
evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check ON/ Y one box):	ol Depth lax = 30
> 30 centimeters [20 pts]	ax = 30
> 22.5 - 30 cm [30 pts]	0
COMMENTS OF THE PROPERTY OF TH	要 TOTAL TOTAL
COMMENTS MAXIMUM POOL DEPTH (centimeters):	
3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check ONLY one box):	Bankfull
□ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]	Width lax=30
2 1 10 11 0.0 11 (7 4 0 10 7) [as pis]	2
COMMENTS 2011 19 11 AVERAGE BANKFULL WIDTH (meters)	0
	POPULACIÓN I
This information must also be completed	
RIPARIAN ZONE AND FLOODPLAIN QUALITY 화NOTE: River Left (L) and Right (R) as looking downstream ☆	
L, R (Per Bank) L R (Most Predominant per Bank) L P	
Wide >10m Mature Forest, Wetland Conservation Tillage	
Moderate 5-10m Immature Forest, Shrub or Old Urban or Industrial	
□ □ Narrow <5m □ □ Residential, Park, New Field □ □ Open Pasture, Row	
Crop	
COMMENTS DIFFERCED Pasture Mining or Construction	
FLOW REGIME (At Time of Evaluation) (Check ONLY one box):	
Stream Flowing Moist Channel, isolated pools, no flow (Intermittent)	
Subsurface flow with isolated pools (Interstitial) COMMENTS Dry channel, no water (Ephemeral)	
SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check ONLY one box): None	
None	
STREAM GRADIENT ESTIMATE	
☐ Flat (0.5 #/100 ft) ☐ Moderate (2 #/100 ft) ☐ Moderate to Severe ☐ Severe (10 #/100 ft)	

ADDITIONAL OTDERS INFORMATION (M.). (C
ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):
QHEI PERFORMED? - Yes X No QHEI Score(If Yes, Attach Completed QHEI Form)
DOWNSTREAM DESIGNATED USE(S) WWH Name: Multi Crum Distance from Evaluated Stream 40
CWH Name: Distance from Evaluated Stream
Distance from Evaluated Stream
MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION
USGS Quadrangle Name: Waw NRCS Soil Map Page: NRCS Soil Map Stream Order
County: Trumbull Township/City: 10 Kds to Will
MISCELLANEOUS
Base Flow Conditions? (Y/N): N Date of last precipitation: US/ 25 16 Quantity: 0,55° Service Would N
Photograph Information: See attached Condition
Elevated Turbidity? (Y/N): N Canopy (% open): 75 - 30
Were samples collected for water chemistry? (Y/N): Note lab sample no. or id. and attach results) Lab Number:
Field Measures: Temp (°C) Dissolved Oxygen (mg/l) pH (S.U.) Conductivity (µmhos/cm)
s the sampling reach representative of the stream (Y/N) / If not, please explain:
Trioq piedes explain.
Performed? (Y/N): (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual) Fish Observed? (Y/N) Voucher? (Y/N) Vouche
DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed): Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location WY PFO WI APFO WI WI APFO WI APFO WI APFO WI APFO WI APFO WI APFO WI
Forust

Primary Headwater Habitat Evaluation Form HHEI Score (sum of metrics 1, 2

tothe and a	TITIET Score (sum of metrics 1, 2, 3) :
SITE NAME/LOC	TION TRAINBULL ENERGY (ENTER, LORDSTIWH, OH
	SITE NUMBER S-4 RIVER BASIN WAHINING DRAINAGE AREA (mi²) 40.1
DATE 13 AUG	AM REACH (#) 75 LAT. 41-144967 LONG. 80.85516 RIVER CODE 05030103 RIVER MILE
NOTE: Comp	te All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions
STREAM CHA	NEL NONE/NATURAL CHANNEL RECOVERED RECOVERING RECENT OR NO RECOVERY
MODIFICATIO	S:
1. SUBSTI	TE (Estimate percent of every type of substrate present. Check ONLY two predominant substrate TYPE boxes). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.
TYPE	PERCENT TYPE PERCENT Metri
BLDI BOU	SLABS [16 pts] SILT [3 pt] [6 Point
	DER (>256 mm) [16 pts]
	DCK [16 pt]
	TO 64 mm) 50 mts.
	(<2 mm) [6 pts]
7	of Percentages of
	of Percentages of Boulder, Cobble, Bedrock 0 (A) (A) A + B
CORE OF TWO	OST PREDOMINATE SUBSTRATE TYPES: TOTAL NUMBER OF SUBSTRATE TYPES:
. Maximu	
evaluatio	Pool Depth (Measure the maximum pool depth within the 61 meter (200 ft) evaluation reach at the time of Avoid plunge pools from road culverts or storm water pipes) (Check ONLY one box): Pool Depth (Measure the maximum pool depth within the 61 meter (200 ft) evaluation reach at the time of Avoid plunge pools from road culverts or storm water pipes) (Check ONLY one box):
> 30 centi	eters [20 pts]
	cm [30 pts]
2 10 - 22.	cm [25 pts] NO WATER OR MOIST CHANNEL [0 pts]
COMME	SMAXIMUM POOL DEPTH (centimeters):
BANK F	L WIDTH (Measured as the average of 3-4 measurements) (Check ONLY one box): Bankfi
	(> 13') [30 pts] > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts] Width
> 3.0 m - 4) m (> 9' 7" - 13') [25 pts]
>1.5m - 3	1 (> 4'8"-9'7") [20 pts]
COMMEN	\$26",30", 32" X-29" AVERAGE BANKFULL WIDTH (meters) 0.7 5
	This information must also be completed
	ARIAN ZONE AND FLOODPLAIN QUALITY SNOTE: River Left (L) and Right (R) as looking downstream \$\frac{1}{2}\$
L R	PARIAN WIDTH FLOODPLAIN QUALITY Per Bank) I. R. (Most Predominant per Bank) I. R. (Most Predominant per Bank)
Ō®.	Per Bank) L R (Most Predominant per Bank) L R Vide >10m Mature Forest, Wetland Conservation Tillage
AJ AJ	Immature Forest, Shrub or Old
	Field
00	larrow <5m
٥٥	one Vacata Language Fenced Pasture . D 🐼 Mining or Construction
C	IMENTS PCCONT CONSTRICTION NORTH of parcel
FL FL	W REGIME (At Time of Evaluation) (Check ONLY one box):
L∄ Str	m Flowing Moist Channel, isolated pools, no flow (Intermittent)
	urface flow with isolated pools (Interstitial) MENTS
Sil	JOSITY (Number of bends per 61 m (200 ft) of channel) (Check ONLY one box):
Nor 34 0.5	☐ 1.0 ☐ 2.0 ☐ 3.0
•	
STREAM	RADIENT ESTIMATE
J Flat (0.5 n/100 n)	Flat to Moderate

	Yes 10 No QHEI Score	(;; 100; 72:20; 00; 00; 00; 00; 00; 00; 00; 00; 00;	
DOWNSTREAM DESIGN WWH Name: MIN (NUM)		Distance from Evalu	ated Stream
EWH Name:		Distance from Evalua	ited Stream
MAPPING: ATTACH COP	IES OF MAPS, INCLUDING THE <u>ENTIR</u>	RE WATERSHED AREA. CLEARLY MAR	K THE SITE LOCATION
USGS Quadrangle Name: War	MEN N	IRCS Soil Map Page: NRCS S	oil Map Stream Order
County: Trumbull	Township	orcity. Lordstown	
MISCELLANEOUS			u
Base Flow Conditions? (Y/N): N	Date of last precipitation: <u>00 17</u>	CS 16 Quantity: 0.55	Servi-drough
Elevated Turbidity? (Y/N):	Canopy (% open): 55		
		 imple no. or id. and attach results) Lab t	
		pH (S.U.) Conductivity (µ	
		ase explain:Conductivity (µ	
To the damping read representative	of the shearn (TM) In flot, pie	ase explain	
Additional agreement the selection of	- H. M		
BIOTIC EVALUATION			
BIOTIC EVALUATION Performed? (Y/N): N (If Ye	≋s, Record all observations. Voucher co	ellections optional. NOTE: all voucher san	ples must be labeled with the site
BIOTIC EVALUATION Performed? (Y/N): N (If Ye ID nu	imber. Include appropriate field data sh	ellections optional. NOTE: all voucher san neets from the Primary Headwater Habitat	Assessment Manual)
BIOTIC EVALUATION Performed? (Y/N): N (If Ye ID nu	imber. Include appropriate field data sh	ellections optional. NOTE: all voucher san neets from the Primary Headwater Habitat	Assessment Manual)
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Attachment G – Species Documentation

- USFWS Correspondence, dated January 4, 2017
- ODNR Correspondence, dated January 3, 2017
- ODNR Correspondence, dated March 9, 2017

Bruce, Jackie

From: Gresock, Lynn

Sent: Wednesday, January 04, 2017 9:49 AM

To: Bruce, Jackie

Subject: FW: Trumbull Energy Center - Electric Generating Facility, Village of Lordstown

From: susan_zimmermann@fws.gov [mailto:susan_zimmermann@fws.gov] On Behalf Of Ohio, FW3

Sent: Wednesday, January 04, 2017 9:36 AM **To:** Gresock, Lynn < Lynn.Gresock@tetratech.com>

Cc: nathan.reardon@dnr.state.oh.us; kate.parsons@dnr.state.oh.us

Subject: Trumbull Energy Center - Electric Generating Facility, Village of Lordstown



UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. Fish and Wildlife Service
Ecological Services Office
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / Fax (614) 416-8994



TAILS# 03E15000-2017-TA-0415

Dear Ms. Gresock,

We have received your recent correspondence requesting information about the subject proposal. There are no federal wilderness areas, wildlife refuges or designated critical habitat within the vicinity of the project area. The following comments and recommendations will assist you in fulfilling the requirements for consultation under section 7 of the Endangered Species Act of 1973, as amended (ESA).

The U.S. Fish and Wildlife Service (Service) recommends that proposed developments avoid and minimize water quality impacts and impacts to high quality fish and wildlife habitat (e.g., forests, streams, wetlands). Additionally, natural buffers around streams and wetlands should be preserved to enhance beneficial functions. If streams or wetlands will be impacted, the Corps of Engineers should be contacted to determine whether a Clean Water Act section 404 permit is required. Best management practices should be used to minimize erosion, especially on slopes. All disturbed areas should be mulched and revegetated with native plant species. Prevention of non-native, invasive plant establishment is critical in maintaining high quality habitats.

FEDERALLY LISTED SPECIES COMMENTS: All projects in the State of Ohio lie within the range of the federally endangered **Indiana bat** (*Myotis sodalis*) and the federally threatened **northern long-eared bat** (*Myotis septentrionalis*). In Ohio, presence of the Indiana bat and northern long-eared bat is assumed wherever suitable habitat occurs unless a presence/absence survey has been performed to document absence. Suitable summer habitat for Indiana bats and northern long-eared bats consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested

habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags ≥3 inches diameter at breast height (dbh) that have any exfoliating bark, cracks, crevices, hollows and/or cavities), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet (305 meters) of other forested/wooded habitat. Northern long-eared bats have also been observed roosting in human-made structures, such as buildings, barns, bridges, and bat houses; therefore, these structures should also be considered potential summer habitat. In the winter, Indiana bats and northern long-eared bats hibernate in caves and abandoned mines.

Female Indiana bats exhibit strong site fidelity to summer roosting and foraging areas, meaning that they return to the same area, and often the same trees, to roost, year after year. Because the project will result in a large amount of forest clearing relative to the available habitat in the immediately surrounding area, habitat removal could result in significant impacts to Indiana bats. Because of this, the proposed project may result in indirect adverse effects to Indiana bats, even if tree clearing is conducted during the winter season when Indiana bats are not present. **Therefore, we recommend that a summer survey be conducted to determine presence or probable absence of Indiana bats at the project site.** The summer survey must be conducted by an approved surveyor and be designed and conducted in coordination with the Endangered Species Coordinator for this office. In Ohio, summer surveys must be conducted between June 1 and August 15. We recommend that any Indiana bats captured, especially reproductively active females, be monitored through radio-tracking to determine roost locations.

If any caves or abandoned mines may be disturbed, further coordination with this office is requested to determine if fall or spring portal surveys are also warranted. Portal surveys must be conducted by an approved surveyor and be designed and conducted in coordination with the Endangered Species Coordinator for this office.

Survey results should be coordinated with this office prior to initiation of any work. Based on the results of the survey(s), we will evaluate potential impacts to the Indiana bat from the proposed project. If a summer survey documents probable absence of Indiana bats, the 4(d) rule for the northern long-eared bat could be applied (see http://www.fws.gov/midwest/endangered/mammals/nleb/index.html).

If there is a federal nexus for the project (e.g., federal funding provided, federal permits required to construct), no tree clearing should occur on any portion of the project area until consultation under section 7 of the ESA, between the Service and the federal action agency, is completed. We recommend that the federal action agency submit a determination of effects to this office, relative to the Indiana bat and northern long-eared bat, for our review and concurrence.

Due to the project type, size, and location, we do not anticipate adverse effects to any other federally endangered, threatened, proposed, or candidate species. Should the project design change, or during the term of

this action, additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, consultation with the Service should be initiated to assess any potential impacts

.

These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the ESA, and are consistent with the intent of the National Environmental Policy Act of 1969 and the Service's Mitigation Policy. This letter provides technical assistance only and does not serve as a completed section 7 consultation document. We recommend that the project be coordinated with the Ohio Department of Natural Resources due to the potential for the project to affect state listed species and/or state lands. Contact John Kessler, Environmental Services Administrator, at (614) 265-6621 or at john.kessler@dnr.state.oh.us.

If you have questions, or if we can be of further assistance in this matter, please contact our office at (614) 416-8993 or ohio@fws.gov.

Sincerely,

Dan Everson Field Office Sup

ervisor

cc: Nathan Reardon, ODNR-DOW

Kate Parson, ODNR-DOW



Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Ohio Division of Wildlife Raymond W. Petering, Chief 2045 Morse Rd., Bldg. G Columbus, OH 43229-6693 Phone: (614) 265-6300

3 January 2017

Lynn Gresock Tetra Tech, Inc. 2 Lan Dr. Westford, MA 01886

Dear Ms. Gresock,

Per your request, I have e-mailed you a set of shapefiles with our Natural Heritage Program data for the Trumbull Energy Center project, including a one mile radius, in Lordstown Township, Trumbull County, Ohio. This data will not be published or distributed beyond the scope of the project description on the data request form.

Records included in the data layer may be for rare and endangered plants and animals, geologic features, high quality plant communities and animal assemblages. Fields included are scientific and common names, state and federal statuses, as well as managed area and date of the most recent observation. State and federal statuses are defined as: E = endangered, T = threatened, P = potentially threatened, SC = species of concern, SI = special interest, A = recently added to inventory with a state status not yet determined, X = presumed extirpated from Ohio, FE = federal endangered, FT = federal threatened, FC = federal candidate species, and FSC = federal species of concern.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. This letter only represents a review of rare species and natural features data within the Ohio Natural Heritage Database. It does not fulfill coordination under the National Environmental Policy Act (NEPA) or the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S. C. 661 et seq.) and does not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

Debbie Woischke Ohio Natural Heritage Program

Debbie Worschhe

Office of Real Estate
Paul R. Baldridge, Chief
2045 Morse Road – Bldg. E-2
Columbus, OH 43229
Phone: (614) 265-6649

Fax: (614) 267-4764

March 9, 2017

Lynn Gresock Tetra Tech Inc. 661 Anderson Drive Pittsburgh, PA 15220

Re: 17-104; Threatened and Endangered Species Review Information Request, Trumbull Energy Center

Project: The proposed project involves the construction of a 940-megawatt natural gas-fired combined cycle electric generating facility.

Location: The proposed project is located in Lordstown Township, Trumbull County, Ohio.

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Natural Heritage Database: A review of the Natural Heritage Database has the following record at or within a one mile radius of the project area:

Great Blue Heron Rookery

The review was performed on the project area you specified in your request as well as an additional one-mile radius. Records searched date from 1980. This information is provided to inform you of features present within your project area and vicinity. Additional comments on some of the features may be found in pertinent sections below.

Please note that Ohio has not been completely surveyed and we rely on receiving information from many sources. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. Although all types of plant communities have been surveyed, we only maintain records on the highest quality areas.

Fish and Wildlife: The Division of Wildlife (DOW) has the following comments.

The DOW recommends that impacts to wetlands and other water resources be avoided and minimized to the fullest extent possible, and that best management practices be utilized to minimize erosion and sedimentation.

The project is within the range of the Indiana bat (Myotis sodalis), a state endangered and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees to include: shagbark hickory (Carya ovata), shellbark hickory (Carya laciniosa), bitternut hickory (Carya cordiformis), black ash (Fraxinus nigra), green ash (Fraxinus pennsylvanica), white ash (Fraxinus americana), shingle oak (Quercus imbricaria), northern red oak (Quercus rubra), slippery elm (Ulmus rubra), American elm (Ulmus americana), eastern cottonwood (Populus deltoides), silver maple (Acer saccharinum), sassafras (Sassafras albidum), post oak (Quercus stellata), and white oak (Quercus alba). Indiana bat roost trees consists of trees that include dead and dying trees with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. However, Indiana bats are also dependent on the forest structure surrounding roost trees. If suitable habitat occurs within the project area, the DOW recommends trees be conserved. If suitable habitat occurs within the project area and trees must be cut, the DOW recommends cutting occur between October 1 and March 31. If suitable trees must be cut during the summer months, the DOW recommends a net survey be conducted between June 1 and August 15, prior to any cutting. Net surveys should incorporate either nine net nights per square 0.5 kilometer of project area, or four net nights per kilometer for linear projects. If no tree removal is proposed, this project is not likely to impact this species.

The project is within the range of the clubshell (*Pleurobema clava*), a state endangered and federally endangered mussel, the snuffbox (Epioblasma triquetra), a state endangered and federally endangered mussel, and the black sandshell (*Ligumia recta*), a state threatened mussel. This project must not have an impact on freshwater native mussels at the project site. This applies to both listed and non-listed species. Per the Ohio Mussel Survey Protocol (2016), all Group 2, 3, and 4 streams (Appendix A) require a mussel survey. Per the Ohio Mussel Survey Protocol, Group 1 streams (Appendix A) and unlisted streams with a watershed of 10 square miles or larger above the point of impact should be assessed using the Reconnaissance Survey for Unionid Mussels (Appendix B) to determine if mussels are present. Mussel surveys may be recommended for these streams as well. This is further explained within the Ohio Mussel Survey Protocol. Therefore, if in-water work is planned in any stream that meets any of the above criteria, the DOW recommends the applicant provide information to indicate no mussel impacts will occur. If this is not possible, the DOW recommends a professional malacologist conduct a mussel survey in the project area. If mussels that cannot be avoided are found in the project area, as a last resort, the DOW recommends a professional malacologist collect and relocate the mussels to suitable and similar habitat upstream of the project site. Mussel surveys and any subsequent mussel relocation should be done in accordance with the Ohio Mussel Survey Protocol. The Ohio Mussel Survey Protocol (2016) can be found at:

 $\underline{\text{http://wildlife.ohiodnr.gov/portals/wildlife/pdfs/licenses\%20\&\%20permits/OH\%20Mussel\%20Survey\%20Protocol.pdf}$

The project is within the range of the northern brook lamprey (*Ichthyomyzon fossor*), a state endangered fish, and the mountain brook lamprey (*Ichthyomyzon greeleyi*), a state endangered fish. The DOW recommends no in-water work in perennial streams from April 15 to June 30 to

reduce impacts to indigenous aquatic species and their habitat. If no in-water work is proposed, the project is not likely to impact these or other aquatic species.

The project is within the range of the eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*), a state endangered species and a federal species of concern. Due to the location, and that there is no in-water work proposed in a perennial stream of sufficient size to provide suitable habitat, this project is not likely to impact this species.

The project is within the range of the eastern massasauga (*Sistrurus catenatus*), a state endangered and a federally threatened snake species. The eastern massasauga uses a range of habitats including wet prairies, fens, and other wetlands, as well as drier upland habitat. Due to the location, and that the eastern massasauga has been determined to not be present at this location, this project is not likely to impact this species.

The project is within the range of the spotted turtle (*Clemmys guttata*), a state threatened species. This species prefers fens, bogs and marshes, but also is known to inhabit wet prairies, meadows, pond edges, wet woods, and the shallow sluggish waters of small streams and ditches. Due to the location, the type of habitat present at the project site and within the vicinity of the project area, this project is not likely to impact this species.

The project is within the range of the northern harrier (*Circus cyaneus*), a state endangered bird. This is a common migrant and winter species. Nesters are much rarer, although they occasionally breed in large marshes and grasslands. Harriers often nest in loose colonies. The female builds a nest out of sticks on the ground, often on top of a mound. Harriers hunt over grasslands. If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 15 to August 1. If this habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the upland sandpiper (*Bartramia longicauda*), a state endangered bird. Nesting upland sandpipers utilize dry grasslands including native grasslands, seeded grasslands, grazed and ungrazed pasture, hayfields, and grasslands established through the Conservation Reserve Program (CRP). If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of April 15 to July 31. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the least bittern (*Ixobrychus exilis*), a state threatened bird. This secretive marsh species prefers dense emergent wetlands with thick stands of cattails, sedges, sawgrass or other semiaquatic vegetation interspersed with woody vegetation and open water. If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 1 to July 31. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species. Due to the mobility of this species, the project is not likely to impact this species.

Due to the potential of impacts to federally listed species, as well as to state listed species, we recommend that this project be coordinated with the US Fish & Wildlife Service.

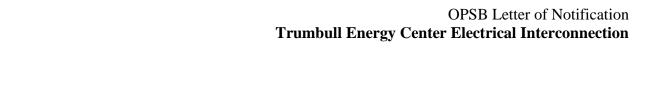
Water Resources: The Division of Water Resources has the following comments.

The local floodplain administrator should be contacted concerning the possible need for any floodplain permits or approvals for this project. Your local floodplain administrator contact information can be found at the website below.

http://water.ohiodnr.gov/water-use-planning/floodplain-management#PUB

ODNR appreciates the opportunity to provide these comments. Please contact John Kessler at (614) 265-6621 if you have questions about these comments or need additional information.

John Kessler ODNR Office of Real Estate 2045 Morse Road, Building E-2 Columbus, Ohio 43229-6693 John.Kessler@dnr.state.oh.us



Attachment H – Transmittal Letter to Appropriate Officials



COLUMBUS I CLEVELAND CINCINNATI I DAYTON MARIETTA

BRICKER & ECKLER LLP

100 South Third Street Columbus, OH 43215-4291 MAIN: 614.227.2300 FAX: 614.227.2390

www.bricker.com info@bricker.com

Sally W. Bloomfield 614.227.2368 sbloomfield@bricker.com June 19, 2017

Via UPS - Ground

«Name» «Address» «Address»

«City», «State» «Zip»

Re: Ohio Power Siting Board Letter of Notification Clean Energy Future – Trumbull, LLC Trumbull Energy Center Electrical Interconnection Lordstown, Trumbull County, Ohio Case No. 17-819-EL-BLN

Dear «Name»:

Enclosed please find a disk containing a copy of the Letter of Notification ("LON") application of Clean Energy Future-Trumbull, LLC for the proposed Trumbull Energy Center Electrical Interconnection (TEC Electrical Interconnection) Village of Lordstown, Trumbull County, Ohio. The TEC Electrical Interconnection will consist of three consolidated generator leads that will extend from the Trumbull Energy Center's on-site switchyard approximately 0.25-mile within a 100-foot wide right-of-way supported on three vertical, monopole dead-end structures; and the new 3-breaker ringbus, proposed on approximately four (4) acres of land located adjacent to the FirstEnergy 345-kV Highland-Hanna circuit into which the generator leads interconnect. The TEC Electrical Interconnection will be capable of delivering the TEC's maximum gross 940-megawatt capacity to the FirstEnergy 345-kV Highland-Hanna circuit. You are receiving this copy as required by Ohio Administrative Code ("O.A.C.") Rule 4906-3-07(A)(1).

You may request a paper copy of the LON by contacting Teresa Orahood at (614) 227-4821 or torahood@bricker.com. In addition, you may access all the filings in this case at the PUCO website at http://www.puc.state.oh.us/ and then clicking on "DIS" on the left hand column of the homepage; once the Docket Information System screen appears, type the case number for the Clean Energy Future-Trumbull, LLC Application, Case No. 17-819-EL-BLN, and follow the instructions to retrieve copies of filings.

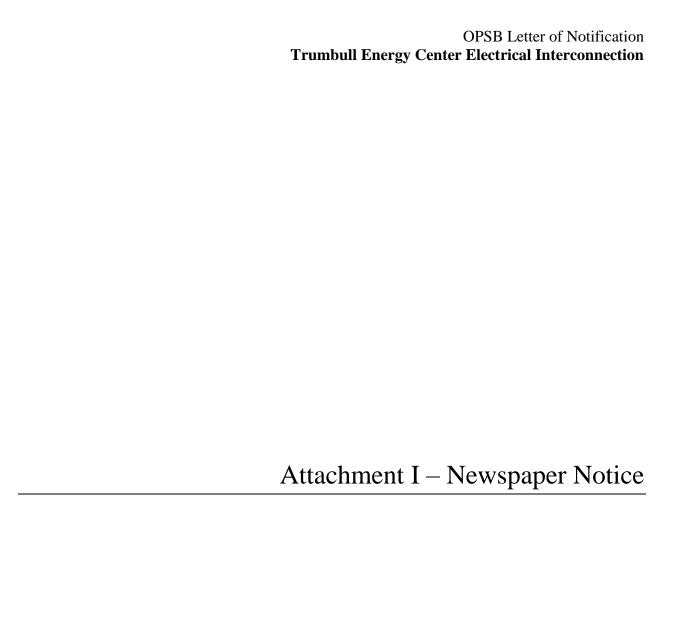
If you have any questions, you may contact Steve Remillard of Clean Energy Future-Lordstown, LLC at (508) 579-6317 or sremillard@enervenresources.com.

Sincerely,

Sally W. Bloomfield

Sally N Broomfuld

Enclosure: Disk Containing Copy of Application



Notice of Proposed Major Utility Facility (New Interconnection Facility Construction)

Clean Energy Future–Trumbull, LLC (CEF-T) is planning to construct the Trumbull Energy Center Electrical Interconnection (TEC Electrical Interconnection) Village of Lordstown, Trumbull County, Ohio. The TEC Electrical Interconnection will consist of three consolidated generator leads that will extend from the Trumbull Energy Center's on-site switchyard approximately 0.25-mile within a 100-foot wide right-of-way supported on three vertical, monopole dead-end structures; and the new 3-breaker ringbus, proposed on approximately four (4) acres of land located adjacent to the FirstEnergy 345-kV Highland-Hanna circuit into which the generator leads interconnect. The TEC Electrical Interconnection will be capable of delivering the TEC's maximum gross 940-megawatt capacity to the FirstEnergy 345-kV Highland-Hanna circuit.

The location of the proposed TEC Electrical Interconnection is shown on the map below:



A Letter of Notification (LON) has been filed with the Ohio Power Siting Board (Board) as Case No. 17-819-EL-BLN in order to construct, operate and maintain the proposed interconnection facility described above.

The following public officials were served a complete copy of the LON:

Village of Lordstown Mayor Arno Hill; Village of Lordstown Planning & Zoning Administrator/Economic Development Director Kellie Bordner; Trumbull County Commissioners Frank S. Fuda, Mauro Cantalamessa, and Daniel E. Polivka; Trumbull County Engineer Randy L. Smith; Trumbull County Planning Commission Chairman Lewis Kostoff; Trumbull Soil & Water Conservation District Chair Peter Kepner; David Ditzler, Carol Rimedio-Righetti, Anthony Traficanti, Mahoning County Commissioners; Mahoning County Engineer, Patrick Ginnetti; Kathleen Vrable-Bryan, Mahoning Soil &

Water Conservation District; Michael O'Shaughnessy, Mahoning County Planning Commission; and Olin Harkleroad, Tom Frost and Alan Hemphill, Jackson Township Trustees.

The LON is available for public inspection at the Warren-Trumbull County Public Library, Lordstown Branch Library, 1471 Salt Springs Road, Warren, Ohio 44481.

A copy of the LON is located on CEF-T's web page at on http://cleanenergyfuturellc.com/clean-energy-future-in-ohio/. Copies of all filings in this case can also be located at the Ohio Power Siting Board website at http://www.opsb.ohio.gov by scrolling down to "Pending Cases" and selecting the case by name or docket number.

The Ohio Power Siting Board will review the Letter of Notification in accordance with Ohio Revised Code Section 4906.10(A) which states that the Board shall not grant a certificate for the construction, operation, and maintenance of a major utility facility, either as proposed or as modified by the Board, unless it finds and determines all of the following: (1) The basis of the need for the facility; (2) The nature of the probable environmental impact; (3) That the facility represents the minimum adverse environmental impact, considering the state of available technology and the nature and economics of the various alternatives, and other pertinent considerations; (4) In the case of an electric transmission line, that the facility is consistent with regional plans for expansion of the electric power grid of the electric systems serving this state and interconnected utility systems and that the facility will serve the interests of electric system economy and reliability; (5) That the facility will comply with Chapters 3704, 3734, and 6111 of the Revised Code and all rules and standards adopted under those chapters and under Sections 1501.33, 1501.34, and 4561.32 of the Revised Code. In determining whether the facility will comply with all rules and standards adopted under Section 4561.32 of the Revised Code, the board shall consult with the office of aviation of the division of multi-modal planning and programs of the department of transportation under Section 4561.341 of the Revised Code; (6) That the facility will serve the public interest, convenience, and necessity; (7) In addition to the provisions contained in divisions (A)(1) to (6) of this section and rules adopted under those divisions, what its impact will be on the viability as agricultural land of any land in an existing agricultural district established under Chapter 929 of the Revised Code that is located within the site and alternative site of the proposed major utility facility; rules adopted to evaluate impact under Division (A)(7) of this section shall not require the compilation, creation, submission, or production of any information, document, or other data pertaining to land not located within the site and alternative site; and (8) That the facility incorporates maximum feasible water conservation practices as determined by the board, considering available technology and the nature and economics of the various alternatives.

Affected persons may file comments or motions to intervene in accordance with Ohio Administrative Code Rule 4906-2-12 with the Board up to ten (10) days following the publication of this notice. Comments or motions should be addressed to the Ohio Power Siting Board, 180 East Broad Street, Columbus, Ohio 43215-3793 and cite Case No. 17-819-EL-BLN. Persons may contact the Ohio Power Siting Board at 1-866-270-OPSB (6772) or contactOPSB@puc.state.oh.us.

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Summary: Letter of Notification of Trumbull Energy Center Electrical Interconnection - Part 3 electronically filed by Teresa Orahood on behalf of Sally W. Bloomfield