F] MEASUREMENTS bankfull max. depth floodprone x2 width bankfull x depth x bankfull width Comment RE: Reach consistency/ Is reach typical of steam?, Recreation/Observed - Inferred, Other/Sampling observations, Concerns, Access directions, etc. entrench. ratio Legacy Tree: max. depth W/D ratio x depth x width 5 6 1 HARDENED / URBAN / DIRT&GRIME LOGGING / IRRIGATION / COOLING FALSE BANK / MANURE / LAGOON BMPs-CONSTRUCTION-SEDIMENT NATURAL / WETLAND / STAGNANT WWTP / CSO / NPDES / INDUSTRY ATMOSPHERE / DATA PAUCITY ACID / MINE / QUARRY / FLOW BANK / EROSION / SURFACE WASH H20 / TILE / H20 TABLE PARK / GOLF / LAWN / HOME CONTAMINATED / LANDFILL EJ ISSUES Q W Circle some & COMMENT ACTIVE / HISTORIC / BOTH / NA FLOOD CONTROL / DRAINAGE PUBLIC / PRIVATE / BOTH / NA MOVING-BEDLOAD-STABLE MODIFIED / DIPPED OUT / NA YOUNG-SUCCESSION-OLD SPRAY / SNAG / REMOVED IMPOUNDED / DESICCATED RELOCATED / CUTOFFS DI MAINTENANCE ARMOURED / SLUMPS LEVEED / ONE SIDED ISLANDS / SCOURED かいとのいう 000 000 INVASIVE MACROPHYTES ☐ CSOs/SSOs/OUTFALLS **BI AESTHETICS EXCESS TURBIDITY** ☐ SLUDGE DEPOSITS なのでいるかのか ☐ DISCOLORATION
☐ FOAM / SCUM
☐ OIL SHEEN
☐ TRASH / LITTER
☐ NUISANCE ODOR NUISANCE ALGAE CJ RECREATION AREA DEPTH POOL: □>100ft²□>3ft Cm E --sample pass-- 2nd ☐ SECCHI DEPTH☐ HIGH
UP
NORMAL
LOW
DRY 1st -sample pass- 2nd CLARITY ☐ > 70 cm/ CTB STAGE 20-<40 cm Stream Drawing. AJ SAIMPLED REACH Check ALL that apply □ < 20 cm Spass t <10%-CLOSED > 85%- OPEN CANOPY 30%-<55% 10%-<30% DISTANCE 25%-<85% 0.15 Km 0.2 Km 0.12 Km METHOD 0.5 Km OTHER L. LINE OTHER meters □ BOAT WADE

Primary Headwater Habitat Evaluation Form HHEI Score (sum of metrics 1, 2, 3):

SITE NAME/LOCATION Scioto Ridge Wind Farm Am	condmont Data
SITE NAME/LOCATION SITE NUMBER SOH-AD06	RIVER BASIN DRAINAGE AREA (mi²) 11.20
	166 LONG83.77560 RIVER CODE RIVER MILE
07/04/44	MENTS RIVER CODE
X	Field Evaluation Manual for Ohio's PHWH Streams" for Instructions
NOTE: Complete All Items On This Form - Refer to	Fleid Evaluation Manual for Onlo's PHWH Streams" for instructions
STREAM CHANNEL NONE / NATURAL CHANN MODIFICATIONS:	NEL ☐ RECOVERED ☑ RECOVERING ☐ RECENT OR NO RECOVERY
	ostrate present. Check ONLY two predominant substrate TYPE boxes
	ypes found (Max of 8). Final metric score is sum of boxes A & B. TYPE PERCENT Meti
TYPE PERCENT BLDR SLABS [16 pts] 0%	TYPE SILT [3 pt] PERCENT Poin
BOULDER (>256 mm) [16 pts] 0%	LEAF PACK/WOODY DEBRIS [3 pts] 0% Substr
BEDROCK [16 pt] 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	FINE DETRITUS [3 pts]
COBBLE (65-256 mm) [12 pts]	MICK (0 pts) 0%
SAND (<2 mm) [6 pts] 15%	ARTIFICIAL [3 pts] 0%
	(A) Substrate Percentage 100% (B) A + E
Bldr Slabs, Boulder, Cobble, Bedrock CORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES	Check 100%
 Maximum Pool Depth (Measure the maximum pool evaluation. Avoid plunge pools from road culverts or sto 	depth within the 61 meter (200 ft) evaluation reach at the time of orm water pipes) (Check ONLY one box): Max =
> 30 centimeters [20 pts]	> 5 cm - 10 cm [15 pts]
> 22.5 - 30 cm [30 pts] > 10 - 22.5 cm [25 pts]	<pre>< 5 cm [5 pts] NO WATER OR MOIST CHANNEL [0 pts] 30</pre>
COMMENTS	MAXIMUM POOL DEPTH (centimeters): 25
BANK FULL WIDTH (Measured as the average of 3-	
> 4.0 meters (> 13') [30 pts] > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]	> 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts] Widt \(\) \(
> 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]	
COMMENTS	AVERAGE BANKFULL WIDTH (meters): 2.00 I 15
	information must also be completed
RIPARIAN ZONE AND FLOODPLAIN QUALIT RIPARIAN WIDTH FLOODPLA	'Y ☆NOTE: River Left (L) and Right (R) as looking downstream☆ AIN QUALITY
LR (Per Bank) LR (I	Most Predominant per Bank) L R
	Mature Forest, Wetland Conservation Tillage mmature Forest, Shrub or Old
Moderate 5-10m	Field Urban or Industrial
✓ ✓ Narrow <5m	Residential, Park, New Field Open Pasture, Row Crop
	Fenced Pasture Mining or Construction
COMMENTS	
FLOW REGIME (At Time of Evaluation) (Check	variation (
Stream Flowing Subsurface flow with isolated pools (Interstitial)	Moist Channel, isolated pools, no flow (Intermittent) Dry channel, no water (Ephemeral)
COMMENTS COMMENTS	Diff ordinion, no water (Ephonicial)
SINUOSITY (Number of bends per 61 m (200 ft	it) of channel) (Check ONLY one box):
None 1.0	2.0
	2.5
0.5	2.5

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):			
QHEI PERFORMED? - Yes No QHEI Score 29.0 (If Yes, Attack	n Completed QHEI Form)		
DOWNSTREAM DESIGNATED USE(S)	participant and an artistic participant and an artistic participant and		
WWH Name:	Distance from Evaluated Stream		
	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: Roundhead NRCS Soil Map Page: NRCS Soil Map Stream Order			
Na David	Id Township		
County. 1 Township / Oity.			
MISCELLANEOUS Base Flow Conditions? (Y/N): Y Date of last precipitation: 07/27/14	Quantity: 1.08		
Photograph Information: Three Photos taken from Cross Section from Flag 1, Looking from Flag 1 to Flag 2, and reversed			
Elevated Turbidity? (Y/N): Y Canopy (% open): 100%			
N	d attach results) Lab Number:		
Field Measures: Temp (°C) Dissolved Oxygen (mg/l) pH (S.U.) Conductivity (µmhos/cm)			
Is the sampling reach representative of the stream (Y/N) Y If not, please explain:			
Additional comments/description of pollution impacts:	/ é		
BIOTIC EVALUATION			
Performed? (Y/N): 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) Salamanders Observed? (Y/N) Voucher? (Y/N) Vo			
Frogs or Tadpoles Observed? (Y/N) N Voucher? (Y/N) Aquatic Macroinvertebrates Observed? (Y/N) Voucher? (Y/N) Voucher? (Y/N) N			
DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This <u>must</u> be completed):			
Include important landmarks and other features of interest for site evaluation and	a narrative description of the stream's location		
C ROP			
/////0042///			
	23////		
FLOW			
	4 3		
1/1/62455//1222			
ccop	A supplied the supplied to the		

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Summary: Application to Amend -- Exhibit D (Part 30 of 31) electronically filed by Mrs. Gretchen L. Petrucci on behalf of Hardin Wind LLC