

## ITEM 2 - STREAM AND WETLAND IMPACT TABLES

### 2.1 STREAM AND WETLAND IMPACT TABLES

Table 1-1 provided below is from Item 7, Proposed Mitigation Plan. Per guidance during a phone conversation with the Ohio Department of Environmental Protection (OEPA) on September 18, 2014, the HHEI/QHEI Score and PWH Class/QHEI Qualitative Rating are provided in lieu of the “Aquatic Life Use Designation in 3745-1” and the “Existing Use”. Due to the nature of the impacts for the Lebanon West II Project (Project), OEPA will provide guidance should additional information be required for the stream crossings, in excess of the Wetland Delineation and Stream Identification Report (WDSIR). The complete Project WDSIR has been submitted as Item 3 – Waters Delineation Report.

The OEPA wetland impact tables were filled out and are also included. Wetland mitigation will be in accordance Item 7 – Proposed Mitigation Plan.

Additional information regarding stream and wetland impacts and associated mitigation is located in Item 7 – Proposed Mitigation Plan.

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**STREAM IMPACT TABLES**

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**Table 1-1. Waterbodies Crossed By the Lebanon West II Project**

Waterbody Number	Waterbody Type	Water Depth (in)	Bank Full Width (ft) <sup>a</sup>	Linear Distance of Waterbody in Project area (ft)	HHEI/*QHEI Score	PHWH Class/*QHEI Qualitative Rating <sup>b</sup>	Proposed Crossing Method	Time Window for Crossing
<b>Segment 14 Pipeline</b>								
S-H34	Perennial	2.0	4.25	147	52	Class II	Dam and Pump/Flume	Summer 2016
S-H35	Perennial	2.0	20.00	100	86	Class III	Dam and Pump/Flume	Summer 2016
S-H37	Intermittent	0.4	3.20	75	18	Class I	Dam and Pump/Flume	Summer 2016
S-H38	Intermittent	0.4	2.50	112	18	Class I	Dam and Pump/Flume	Summer 2016
S-H39	Perennial	2.0	5.00	75	77	Class III	Dam and Pump/Flume	Summer 2016
S-H41	Ephemeral	0.0	1.00	97	15	Class I	Dam and Pump/Flume	Summer 2016
S-H42	Perennial	2.0	5.00	65	50	Class II	Dam and Pump/Flume	Summer 2016
S-H43	Ephemeral	0.0	5.00	205	28	Class I	Dam and Pump/Flume	Summer 2016
S-H44	Perennial	2.0	5.00	93	56	Class III	Dam and Pump/Flume	Summer 2016
S-H45	Perennial	1.5	8.25	79	59	Class II	Dam and Pump/Flume	Summer 2016
S-H46	Intermittent	2.0	3.00	159	41	Class II	Dam and Pump/Flume	Summer 2016
S-H47	Ephemeral	0.0	3.00	241	14	Class I	Dam and Pump/Flume	Summer 2016
<b>Segment 15 Pipeline</b>								
S-H33	Intermittent	0.0	5.00	78	48	Class II	Dam and Pump/Flume	Summer 2016
<b>Segment 16 Pipeline</b>								
S-H17	Intermittent	0.5	2.00	64	25	Class I	Dam and Pump/Flume	Summer 2016
S-H19	Intermittent	0.5	2.50	103	41	Class II	Dam and Pump/Flume	Summer 2016
S-H20	Intermittent	0.3	3.50	78	29	Class I	Dam and Pump/Flume	Summer 2016
S-H22A	Intermittent	1.2	1.5	84	24	Class I	Dam and Pump/Flume	Summer 2016
S-H21	Intermittent	0.5	2.00	120	32	Class II	Dam and Pump/Flume	Summer 2016

Waterbody Number	Waterbody Type	Water Depth (in)	Bank Full Width (ft) <sup>a</sup>	Linear Distance of Waterbody in Project area (ft)	HHEI/ *QHEI Score	PHWH Class/*QHEI Qualitative Rating <sup>b</sup>	Proposed Crossing Method	Time Window for Crossing
<b>Segment 17 Pipeline</b>								
S-H22	Ephemeral	0.0	2.00	139	13	Class I	Dam and Pump/Flume	Summer 2016
S-H24	Perennial	0.5	3.50	78	32	Class II	Dam and Pump/Flume	Summer 2016
S-H25	Ephemeral	0.5	1.00	47	11	Class I	Dam and Pump/Flume	Summer 2016
S-H26	Perennial	1.0	8.00	<b>112</b>	48	Class II	Dam and Pump/Flume	Summer 2016
S-H27	Intermittent	0.5	3.00	51	23	Class I	Dam and Pump/Flume	Summer 2016
S-H28	Intermittent	2.0	3.00	106	35	Class II	Dam and Pump/Flume	Summer 2016
S-H29	Perennial	0.5	5.00	81	31	Class II	Dam and Pump/Flume	Summer 2016
S-H30	Perennial	1.0	3.00	34	32	Class II	Dam and Pump/Flume	Summer 2016
S-H31	Perennial	10.0	2.00	<b>82</b>	54	Class III	Dam and Pump/Flume	Summer 2016
<b>Access Road (AR-17C) for Segment 17 Pipeline</b>								
S-H32	Perennial (Plum Run)	12.0	15.00	26	*41	*Poor	Temporary Bridge/Timber Mat Crossing	Summer 2016
<b>Access Road (AR-19A) for Segment 19 Pipeline</b>								
S-H9	Perennial	1.5	6.25	30	53	Class III	Temporary Bridge/Timber Mat Crossing	Summer 2016
<b>Segment 19 Pipeline</b>								
S-H2	Perennial	4.0	8.00	165	55	Class II	Dam and Pump/Flume	Summer 2016
S-H3	Perennial	2.0	3.00	76	25	Class I	Dam and Pump/Flume	Summer 2016
S-H4	Perennial	1.0	3.00	85	30	Class I	Dam and Pump/Flume	Summer 2016
S-H7	Perennial	1.0	5.50	83	52	Class III	Dam and Pump/Flume	Summer 2016

Waterbody Number	Waterbody Type	Water Depth (in)	Bank Full Width (ft) <sup>a</sup>	Linear Distance of Waterbody in Project area (ft)	HHEI/ *QHEI Score	PHWH Class/*QHEI Qualitative Rating <sup>b</sup>	Proposed Crossing Method	Time Window for Crossing
S-H8	Perennial	1.0	5.00	106	44	Class II	Dam and Pump/Flume	Summer 2016
<b>Segment 20 Pipeline</b>								
S-D12	Perennial	2.0	7.87	74	57	Class III	Dam and Pump/Flume	Summer 2016
S-D14	<i>Intermittent</i>	0.8	3.93	77	31	Class II	Dam and Pump/Flume	Summer 2016
S-D15	Perennial	11.8	10.83	91	80	Class III	Dam and Pump/Flume	Summer 2016
<b>Access Road (AR-20C) for Segment 20 Pipeline</b>								
S-H49	<i>Perennial</i>	1.0	4.00	27	27	Class I	Temporary Bridge/Timber Mat Crossing	Summer 2016
<b>Segment 22 Pipeline</b>								
S-D10	Perennial	3.9	15.00	168	75	Class III	Dam and Pump/Flume	Summer 2016
S-D11	Perennial (Little Yellow Creek)	36.0	30.00	75	*57	*Good	Dam and Pump/Flume	Summer 2016
<b>Segment 24 Pipeline</b>								
S-D6	Perennial	2.0	2.00	89	23	Class I	Dam and Pump/Flume	Summer 2016
S-D7	Ephemeral	0.0	1.67	36	6	Class I	Dam and Pump/Flume	Summer 2016
S-D8	<i>Perennial</i>	6.0	6.20	75	*56	*Good	Dam and Pump/Flume	Summer 2016
<b>Segment 25 Pipeline</b>								
S-D4	Perennial	1.2	6.56	88	42	Class II	Dam and Pump/Flume	Summer 2016

Notes:

- <sup>a</sup> Headwater Habitat Evaluation Index (HHEI)/Qualitative Habitat Evaluation Index (QHEI) Score – predicts the biological potential in primary headwater habitats (watershed areas less than 1.0 square mi. QHEI is used to provide a measure of macro-habitat quality that generally corresponds to those physical factors affecting fish communities and of general importance to other aquatic life (e.g. benthic invertebrates)

b Primary Headwater Habitat (PHWH)

Class III – The most biologically diverse PHWH streams with a heterogenous physical habitat, are spring-fed with continuous water flowing on an annual basis, and support cold to cool water adapted vertebrates and/or benthic macroinvertebrates.

Class II – Provides an environment that can support a moderate diversity of aquatic benthic macroinvertebrates. This class has a lower diversity of benthic macroinvertebrate taxa than Class III streams.

Class I – Ephemeral headwater environments that do not provide a significant aquatic life function, but which can have important water quality functions for larger downstream waterways.

**WETLAND IMPACT TABLES**

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# Application for Section 401 Water Quality Certification — Proposed Wetland Impacts and Mitigation

Division of Surface Water 401 Water Quality Certification and Isolated Wetland Permitting Unit

Wetlands Onsite and Proposed Impacts											
Wetland ID	ORAM Score	Category	Cat. Verified by Ohio EPA?	Ohio EPA Reviewer who Verified	Acreage Onsite	Preferred Alternative			Minimal Degradation Alternative		
						Impact Acreage		Impact Type	Impact Acreage		Impact Type
						Forested	Non		Forested	Non	
WL-D10	55.00	2	<input type="checkbox"/>	Choose an item.	0.23		0.09	Utility Line Crossing		0.09	Utility Line Crossing
WL-D11	48.00	2	<input type="checkbox"/>	Choose an item.	0.05		0.02	Utility Line Crossing		0.02	Utility Line Crossing
WL-D13	51.00	2	<input type="checkbox"/>	Choose an item.	0.12		0.07	Utility Line Crossing		0.07	Utility Line Crossing
WL-D14	49.00	2	<input type="checkbox"/>	Choose an item.	0.01		0.00	Utility Line Crossing		0.00	Utility Line Crossing
WL-D15	43.00	2	<input type="checkbox"/>	Choose an item.	0.07		0.02	Utility Line Crossing		0.02	Utility Line Crossing
WL-H58	15.00	1	<input type="checkbox"/>	Choose an item.	0.15		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-D17	54.00	2	<input type="checkbox"/>	Choose an item.	0.32		0.13	Utility Line Crossing		0.13	Utility Line Crossing
WL-D19	57.00	2	<input type="checkbox"/>	Choose an item.	2.18		0.64	Utility Line Crossing		0.64	Utility Line Crossing
WL-D20	36.00	2	<input type="checkbox"/>	Choose an item.	0.04		0.03	Utility Line Crossing		0.03	Utility Line Crossing
WL-D21	18.00	1	<input type="checkbox"/>	Choose an item.	0.22		0.15	Utility Line Crossing		0.15	Utility Line Crossing
WL-D22	47.00	2	<input type="checkbox"/>	Choose an item.	0.01		0.01	Utility Line Crossing		0.01	Utility Line Crossing
WL-D23	26.00	1	<input type="checkbox"/>	Choose an item.	0.03		0.03	Utility Line Crossing		0.03	Utility Line Crossing
<b>Wetland Acreage Totals</b>						3.43	0.00	<b>1.19</b>		0.00	<b>1.19</b>
<b>Totals – Category 1 Wetlands</b>						0.40	0.00	<b>0.18</b>		0.00	<b>0.18</b>
<b>Totals – Category 2 Wetlands</b>						<b>3.03</b>	0.00	<b>1.01</b>		0.00	<b>1.01</b>
<b>Totals – Category 3 Wetlands</b>						0.00	0.00	0.00		0.00	0.00

Proposed Wetland Mitigation (Check All That Apply) Preferred Alternative					
<input type="checkbox"/> <b>Wetland Mitigation Bank</b> Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>		
<input checked="" type="checkbox"/> <b>In-Lieu Fee Program</b>	ILF Sponsor: The Nature Conservancy	Number of Wetland Credits: SEE ITEM 7 – MITIGATION PLAN Number of Buffer Credits:			
<input checked="" type="checkbox"/> <b>On-Site Permittee-Responsible Mitigation</b>	<input checked="" type="checkbox"/> <b>Restoration/Creation</b> 1.19 Acres <input type="checkbox"/> <b>Preservation</b> Choose an item. Acres	<input type="checkbox"/> <b>Enhancement</b> Choose an item. Acres <input type="checkbox"/> <b>Other</b>			
<input type="checkbox"/> <b>Off-Site Permittee-Responsible Mitigation</b>	<input type="checkbox"/> <b>Restoration/Creation</b> Choose an item. Acres <input type="checkbox"/> <b>Preservation</b> Choose an item. Acres	<input type="checkbox"/> <b>Enhancement</b> Choose an item. Acres <input type="checkbox"/> <b>Other</b> Click here to enter text.			
Proposed Wetland Mitigation (Check All That Apply) Minimal Degradation Alternative					
<input type="checkbox"/> <b>Wetland Mitigation Bank</b> Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Upland Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>		
<input type="checkbox"/> <b>In-Lieu Fee Program</b>	ILF Sponsor: Choose an item.	Number of Wetland Credits: Number of Buffer Credits:			
<input checked="" type="checkbox"/> <b>On-Site Permittee-Responsible Mitigation</b>	<input checked="" type="checkbox"/> <b>Restoration/Creation</b> 1.19 Acres <input type="checkbox"/> <b>Preservation</b> Choose an item. Acres	<input type="checkbox"/> <b>Enhancement</b> Choose an item. Acres <input type="checkbox"/> <b>Other</b> Click here to enter text.			
<input type="checkbox"/> <b>Off-Site Permittee-Responsible Mitigation</b>	<input type="checkbox"/> <b>Restoration/Creation</b> Choose an item. Acres <input type="checkbox"/> <b>Preservation</b> Choose an item. Acres	<input type="checkbox"/> <b>Enhancement</b> Choose an item. Acres <input type="checkbox"/> <b>Other</b> Click here to enter text.			



# Application for Section 401 Water Quality Certification — Proposed Wetland Impacts and Mitigation

Division of Surface Water 401 Water Quality Certification and Isolated Wetland Permitting Unit

Wetlands Onsite and Proposed Impacts											
Wetland ID	ORAM Score	Category	Cat. Verified by Ohio EPA?	Ohio EPA Reviewer who Verified	Acreage Onsite	Preferred Alternative			Minimal Degradation Alternative		
						Impact Acreage		Impact Type	Impact Acreage		Impact Type
						Forested	Non		Forested	Non	
WL-D24	58.00	2	<input type="checkbox"/>	Choose an item.	0.37	0.04	0.08	Utility Line Crossing	0.04	0.08	Utility Line Crossing
WL-D25	19.00	1	<input type="checkbox"/>	Choose an item.	0.03		0.01	Utility Line Crossing		0.01	Utility Line Crossing
WL-D27	19.00	1	<input type="checkbox"/>	Choose an item.	0.03		0.01	Utility Line Crossing		0.01	Utility Line Crossing
WL-D9	37.00	2	<input type="checkbox"/>	Choose an item.	0.02		0.01	Utility Line Crossing		0.01	Utility Line Crossing
WL-H1	55.00	2	<input type="checkbox"/>	Choose an item.	0.40	0.13	0.06	Utility Line Crossing	0.13	0.06	Utility Line Crossing
WL-H10	35.00	2	<input type="checkbox"/>	Choose an item.	0.05		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-H2	57.00	2	<input type="checkbox"/>	Choose an item.	0.06		0.00	Utility Line Crossing		0.00	Utility Line Crossing
WL-H20	39.00	2	<input type="checkbox"/>	Choose an item.	<b>0.54</b>		0.05	Utility Line Crossing		0.05	Utility Line Crossing
WL-H21	40.00	2	<input type="checkbox"/>	Choose an item.	0.26		0.09	Utility Line Crossing		0.09	Utility Line Crossing
WL-H22	<b>35.00</b>	<b>2</b>	<input type="checkbox"/>	Choose an item.	0.01		0.01	Utility Line Crossing		0.01	Utility Line Crossing
WL-H23	23.00	1	<input type="checkbox"/>	Choose an item.	0.02		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-H44	26.00	1	<input type="checkbox"/>	Choose an item.	0.05		0.03	Road Crossing		0.03	Road Crossing
<b>Wetland Acreage Totals</b>						<b>2.07</b>	<b>0.17</b>	<b>0.35</b>		<b>0.17</b>	<b>0.35</b>
<b>Totals – Category 1 Wetlands</b>						0.14	0.00	<b>0.05</b>		0.00	<b>0.05</b>
<b>Totals – Category 2 Wetlands</b>						1.93	0.17	<b>0.30</b>		0.17	<b>0.30</b>
<b>Totals – Category 3 Wetlands</b>						0.00	0.00	0.00		0.00	0.00

Proposed Wetland Mitigation (Check All That Apply) Preferred Alternative				
<input type="checkbox"/> Wetland Mitigation Bank Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>	
<input checked="" type="checkbox"/> In-Lieu Fee Program	ILF Sponsor: The Nature Conservancy	Number of Wetland Credits: SEE ITEM 7 – MITIGATION PLAN Number of Buffer Credits:		
<input checked="" type="checkbox"/> On-Site Permittee-Responsible Mitigation	<input checked="" type="checkbox"/> Restoration/Creation 0.35 Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other Click here to enter text.		
<input type="checkbox"/> Off-Site Permittee-Responsible Mitigation	<input type="checkbox"/> Restoration/Creation Choose an item. Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other		
Proposed Wetland Mitigation (Check All That Apply) Minimal Degradation Alternative				
<input type="checkbox"/> Wetland Mitigation Bank Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Upland Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>	
<input type="checkbox"/> In-Lieu Fee Program	ILF Sponsor: Choose an item.	Number of Wetland Credits: Number of Buffer Credits:		
<input checked="" type="checkbox"/> On-Site Permittee-Responsible Mitigation	<input checked="" type="checkbox"/> Restoration/Creation Choose an item. 0.35 Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other Click here to enter text.		
<input type="checkbox"/> Off-Site Permittee-Responsible Mitigation	<input type="checkbox"/> Restoration/Creation Choose an item. Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other Click here to enter text.		



# Application for Section 401 Water Quality Certification — Proposed Wetland Impacts and Mitigation

Division of Surface Water 401 Water Quality Certification and Isolated Wetland Permitting Unit

Wetlands Onsite and Proposed Impacts											
Wetland ID	ORAM Score	Category	Cat. Verified by Ohio EPA?	Ohio EPA Reviewer who Verified	Acreage Onsite	Preferred Alternative			Minimal Degradation Alternative		
						Impact Acreage		Impact Type	Impact Acreage		Impact Type
						Forested	Non		Forested	Non	
WL-H25	51.00	2	<input type="checkbox"/>	Choose an item.	0.01		0.00	Utility Line Crossing		0.00	Utility Line Crossing
WL-H24	16.00	1	<input type="checkbox"/>	Choose an item.	0.003		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-H27	43.00	2	<input type="checkbox"/>	Choose an item.	0.04		0.04	Utility Line Crossing		0.04	Utility Line Crossing
WL-H29	32.00	2	<input type="checkbox"/>	Choose an item.	0.03		0.03	Utility Line Crossing		0.03	Utility Line Crossing
WL-H3	51.00	2	<input type="checkbox"/>	Choose an item.	0.06		0.00	Utility Line Crossing		0.00	Utility Line Crossing
WL-H30	47.00	2	<input type="checkbox"/>	Choose an item.	0.50		0.21	Utility Line Crossing		0.21	Utility Line Crossing
WL-H31	33.00	2	<input type="checkbox"/>	Choose an item.	0.02		0.01	Utility Line Crossing		0.01	Utility Line Crossing
WL-H32	40.00	2	<input type="checkbox"/>	Choose an item.	0.11	0.05	0.06	Utility Line Crossing	0.05	0.06	Utility Line Crossing
WL-H33	20.00	1	<input type="checkbox"/>	Choose an item.	0.03		0.02	Utility Line Crossing		0.02	Utility Line Crossing
WL-H34	21.00	1	<input type="checkbox"/>	Choose an item.	0.07		0.06	Utility Line Crossing		0.06	Utility Line Crossing
WL-H36	50.50	2	<input type="checkbox"/>	Choose an item.	<b>3.62</b>		1.50	Utility Line Crossing		1.50	Utility Line Crossing
WL-H37	40.00	2	<input type="checkbox"/>	Choose an item.	0.08	0.04	0.00	Utility Line Crossing	0.04	0.00	Utility Line Crossing
<b>Wetland Acreage Totals</b>						<b>8.77</b>	<b>0.09</b>	1.93		<b>0.09</b>	1.93
<b>Totals – Category 1 Wetlands</b>						0.10	0.00	0.08		0.00	0.08
<b>Totals – Category 2 Wetlands</b>						8.67	0.09	1.85		0.09	1.85
<b>Totals – Category 3 Wetlands</b>						0.00	0.00	0.00		0.00	0.00

Proposed Wetland Mitigation (Check All That Apply) Preferred Alternative			
<input type="checkbox"/> <b>Wetland Mitigation Bank</b> Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>
<input checked="" type="checkbox"/> <b>In-Lieu Fee Program</b>	ILF Sponsor: The Nature Conservancy	Number of Wetland Credits: SEE ITEM 7 – MITIGATION PLAN Number of Buffer Credits:	
<input checked="" type="checkbox"/> <b>On-Site Permittee-Responsible Mitigation</b>	<input checked="" type="checkbox"/> <b>Restoration/Creation</b> Choose an item. <b>1.93 Acres</b>	<input type="checkbox"/> <b>Enhancement</b> Choose an item. <b>Acres</b>	<input type="checkbox"/> <b>Other</b>
<input type="checkbox"/> <b>Off-Site Permittee-Responsible Mitigation</b>	<input type="checkbox"/> <b>Restoration/Creation</b> Choose an item. <b>Acres</b>	<input type="checkbox"/> <b>Enhancement</b> Choose an item. <b>Acres</b>	<input type="checkbox"/> <b>Other</b> Click here to enter text.
<b>Proposed Wetland Mitigation (Check All That Apply) Minimal Degradation Alternative</b>			
<input type="checkbox"/> <b>Wetland Mitigation Bank</b> Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Upland Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>
<input type="checkbox"/> <b>In-Lieu Fee Program</b>	ILF Sponsor: Choose an item.	Number of Wetland Credits: Number of Buffer Credits:	
<input checked="" type="checkbox"/> <b>On-Site Permittee-Responsible Mitigation</b>	<input checked="" type="checkbox"/> <b>Restoration/Creation</b> Choose an item. <b>1.93 Acres</b>	<input type="checkbox"/> <b>Enhancement</b> Choose an item. <b>Acres</b>	<input type="checkbox"/> <b>Other</b> Click here to enter text.
<input type="checkbox"/> <b>Off-Site Permittee-Responsible Mitigation</b>	<input type="checkbox"/> <b>Restoration/Creation</b> Choose an item. <b>Acres</b>	<input type="checkbox"/> <b>Enhancement</b> Choose an item. <b>Acres</b>	<input type="checkbox"/> <b>Other</b> Click here to enter text.



# Application for Section 401 Water Quality Certification — Proposed Wetland Impacts and Mitigation

Division of Surface Water 401 Water Quality Certification and Isolated Wetland Permitting Unit

Wetlands Onsite and Proposed Impacts											
Wetland ID	ORAM Score	Category	Cat. Verified by Ohio EPA?	Ohio EPA Reviewer who Verified	Acreage Onsite	Preferred Alternative			Minimal Degradation Alternative		
						Impact Acreage		Impact Type	Impact Acreage		Impact Type
						Forested	Non		Forested	Non	
WL-H38	46.00	2	<input type="checkbox"/>	Choose an item.	0.19	0.01	0.00	Utility Line Crossing	0.01	0.00	Utility Line Crossing
WL-H39	36.00	2	<input type="checkbox"/>	Choose an item.	0.03		0.02	Utility Line Crossing		0.02	Utility Line Crossing
WL-H4	59.00	2	<input type="checkbox"/>	Choose an item.	0.06		0.01	Utility Line Crossing		0.01	Utility Line Crossing
WL-H41	55.00	2	<input type="checkbox"/>	Choose an item.	0.83		0.00	Utility Line Crossing		0.00	Utility Line Crossing
WL-H42	41.00	2	<input type="checkbox"/>	Choose an item.	0.37		0.09	Utility Line Crossing		0.09	Utility Line Crossing
WL-H43	40.00	2	<input type="checkbox"/>	Choose an item.	0.15		0.08	Utility Line Crossing		0.08	Utility Line Crossing
WL-H45	15.00	1	<input type="checkbox"/>	Choose an item.	0.02		0.02	Utility Line Crossing		0.02	Utility Line Crossing
WL-H46	46.00	2	<input type="checkbox"/>	Choose an item.	0.60		0.08	Utility Line Crossing		0.08	Utility Line Crossing
WL-H48	35.00	2	<input type="checkbox"/>	Choose an item.	0.04		0.03	Utility Line Crossing		0.03	Utility Line Crossing
WL-H49	20.00	1	<input type="checkbox"/>	Choose an item.	0.07		0.05	Utility Line Crossing		0.05	Utility Line Crossing
WL-H5	44.00	2	<input type="checkbox"/>	Choose an item.	0.12		0.03	Utility Line Crossing		0.03	Utility Line Crossing
WL-H50	20.00	1	<input type="checkbox"/>	Choose an item.	0.03		0.03	Utility Line Crossing		0.03	Utility Line Crossing
<b>Wetland Acreage Totals</b>						2.51	0.01	0.44		0.01	0.44
<b>Totals – Category 1 Wetlands</b>						0.12	0.00	0.10		0.00	0.10
<b>Totals – Category 2 Wetlands</b>						2.39	0.01	0.34		0.01	0.34
<b>Totals – Category 3 Wetlands</b>						0.00	0.00	0.00		0.00	0.00

Proposed Wetland Mitigation (Check All That Apply) Preferred Alternative			
<input type="checkbox"/> Wetland Mitigation Bank Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>
<input checked="" type="checkbox"/> In-Lieu Fee Program	ILF Sponsor: The Nature Conservancy	Number of Wetland Credits: SEE ITEM 7 – MITIGATION PLAN Number of Buffer Credits:	
<input checked="" type="checkbox"/> On-Site Permittee-Responsible Mitigation	<input checked="" type="checkbox"/> Restoration/Creation Choose an item. 0.44 Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other	
<input type="checkbox"/> Off-Site Permittee-Responsible Mitigation	<input type="checkbox"/> Restoration/Creation Choose an item. Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other Click here to enter text.	
Proposed Wetland Mitigation (Check All That Apply) Minimal Degradation Alternative			
<input type="checkbox"/> Wetland Mitigation Bank Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Upland Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>
<input type="checkbox"/> In-Lieu Fee Program	ILF Sponsor: Choose an item.	Number of Wetland Credits: Number of Buffer Credits:	
<input checked="" type="checkbox"/> On-Site Permittee-Responsible Mitigation	<input checked="" type="checkbox"/> Restoration/Creation Choose an item. 0.44 Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other Click here to enter text.	
<input type="checkbox"/> Off-Site Permittee-Responsible Mitigation	<input type="checkbox"/> Restoration/Creation Choose an item. Acres <input type="checkbox"/> Preservation Choose an item. Acres	<input type="checkbox"/> Enhancement Choose an item. Acres <input type="checkbox"/> Other Click here to enter text.	



# Application for Section 401 Water Quality Certification — Proposed Wetland Impacts and Mitigation

Division of Surface Water 401 Water Quality Certification and Isolated Wetland Permitting Unit

Wetlands Onsite and Proposed Impacts											
Wetland ID	ORAM Score	Category	Cat. Verified by Ohio EPA?	Ohio EPA Reviewer who Verified	Acreage Onsite	Preferred Alternative			Minimal Degradation Alternative		
						Impact Acreage		Impact Type	Impact Acreage		Impact Type
						Forested	Non		Forested	Non	
WL-H6	46.00	2	<input type="checkbox"/>	Choose an item.	0.50		0.19	Utility Line Crossing		0.19	Utility Line Crossing
WL-H8	23.00	1	<input type="checkbox"/>	Choose an item.	0.03		0.03	Utility Line Crossing		0.03	Utility Line Crossing
WL-H9	25.00	1	<input type="checkbox"/>	Choose an item.	0.02		0.02	Utility Line Crossing		0.02	Utility Line Crossing
WL-H40	8.00	1	<input type="checkbox"/>	Choose an item.	0.02		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-H47	<b>51.00</b>	2	<input type="checkbox"/>	Choose an item.	0.03		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-H61	31.00	2	<input type="checkbox"/>	Choose an item.	0.03		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-H35	<b>53.00</b>	2	<input type="checkbox"/>	Choose an item.	0.39		0.00	Utility Line Crossing		0.00	Utility Line Crossing
WL-H26	14.00	1	<input type="checkbox"/>	Choose an item.	0.01		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-H11	55.00	2	<input type="checkbox"/>	Choose an item.	0.12		0.02	Road Crossing		0.02	Road Crossing
WL-H12	19.00	1	<input type="checkbox"/>	Choose an item.	0.01		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-D26	19.00	1	<input type="checkbox"/>	Choose an item.	0.01		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
WL-D16	43.00	2	<input type="checkbox"/>	Choose an item.	0.02		<b>0.00</b>	Utility Line Crossing		<b>0.00</b>	Utility Line Crossing
<b>Wetland Acreage Totals</b>						1.19	0.00	0.26		0.00	0.26
<b>Totals – Category 1 Wetlands</b>						0.10	0.00	0.05		0.00	0.05
<b>Totals – Category 2 Wetlands</b>						1.09	0.00	0.21		0.00	0.21
<b>Totals – Category 3 Wetlands</b>						0.00	0.00	0.00		0.00	0.00

Proposed Wetland Mitigation (Check All That Apply) Preferred Alternative				
<input type="checkbox"/> <b>Wetland Mitigation Bank</b> Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>	
<input checked="" type="checkbox"/> <b>In-Lieu Fee Program</b>	ILF Sponsor: The Nature Conservancy	Number of Wetland Credits: SEE ITEM 7 – MITIGATION PLAN Number of Buffer Credits:		
<input checked="" type="checkbox"/> <b>On-Site Permittee-Responsible Mitigation</b>	<input checked="" type="checkbox"/> <b>Restoration/Creation</b> Choose an item. <b>0.26 Acres</b>	<input type="checkbox"/> <b>Enhancement</b> Choose an item.	<b>Acres</b>	
	<input type="checkbox"/> <b>Preservation</b> Choose an item.	<input type="checkbox"/> <b>Other</b>		
<input type="checkbox"/> <b>Off-Site Permittee-Responsible Mitigation</b>	<input type="checkbox"/> <b>Restoration/Creation</b> Choose an item.	<input type="checkbox"/> <b>Enhancement</b> Choose an item.	<b>Acres</b>	
	<input type="checkbox"/> <b>Preservation</b> Choose an item.	<input type="checkbox"/> <b>Other</b>		
Proposed Wetland Mitigation (Check All That Apply) Minimal Degradation Alternative				
<input type="checkbox"/> <b>Wetland Mitigation Bank</b> Mitigation Bank: Choose an item.	Number of Forested Credits: Number of Non-Forested Credits: Number of Upland Buffer Credits:	Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item. Type of Credits (if applicable): Choose an item.	Proof of Reservation? <input type="checkbox"/>	
<input type="checkbox"/> <b>In-Lieu Fee Program</b>	ILF Sponsor: Choose an item.	Number of Wetland Credits: Number of Buffer Credits:		
<input checked="" type="checkbox"/> <b>On-Site Permittee-Responsible Mitigation</b>	<input checked="" type="checkbox"/> <b>Restoration/Creation</b> Choose an item. <b>0.26 Acres</b>	<input type="checkbox"/> <b>Enhancement</b> Choose an item.	<b>Acres</b>	
	<input type="checkbox"/> <b>Preservation</b> Choose an item.	<input type="checkbox"/> <b>Other</b> Click here to enter text.		
<input type="checkbox"/> <b>Off-Site Permittee-Responsible Mitigation</b>	<input type="checkbox"/> <b>Restoration/Creation</b> Choose an item.	<input type="checkbox"/> <b>Enhancement</b> Choose an item.	<b>Acres</b>	
	<input type="checkbox"/> <b>Preservation</b> Choose an item.	<input type="checkbox"/> <b>Other</b> Click here to enter text.		