

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: PTC ALLEGHENY TUNNEL City/County: SOMERSET CO. Sampling Date: 04.29.2014
 Applicant/Owner: PTC State: PA Sampling Point: W.SRC-59
 Investigator(s): SR6, JR6 Section, Township, Range: UPLAND
 Landform (hillslope, terrace, etc.): HILLSLOPE Local relief (concave, convex, none): CONVEX Slope (%): -10
 Subregion (LRR or MLRA): 127 Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: UDA - UDDORTHERS, MINE SOIL, 0-8% SLOPES NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes _____ No
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.) RECLAIMED MINE

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

Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/> Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Remarks: <p align="center"><u>RECLAIMED STRIP MINE. SAMPLE PT. IS NOT WITHIN A WETLAND</u></p>	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ True Aquatic Plants (B14) ___ High Water Table (A2) ___ Hydrogen Sulfide Odor (C1) ___ Saturation (A3) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Water Marks (B1) ___ Presence of Reduced Iron (C4) ___ Sediment Deposits (B2) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Drift Deposits (B3) ___ Thin Muck Surface (C7) ___ Algal Mat or Crust (B4) ___ Other (Explain in Remarks) ___ Iron Deposits (B5) ___ Inundation Visible on Aerial Imagery (B7) ___ Water-Stained Leaves (B9) ___ Aquatic Fauna (B13)	Secondary Indicators (minimum of two required) ___ Surface Soil Cracks (B6) ___ Sparsely Vegetated Concave Surface (B8) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No <input checked="" type="checkbox"/> Depth (inches): _____ Water Table Present? Yes _____ No <input checked="" type="checkbox"/> Depth (inches): _____ Saturation Present? Yes _____ No <input checked="" type="checkbox"/> Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks: <p align="center"><u>NO WETLAND HYDROLOGY NOTED @ SAMPLE PT.</u></p>	

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point: W SRC-59 UPLAND

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
				_____ = Total Cover
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
				_____ = Total Cover
Herb Stratum (Plot size: <u>~10</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>FESCUE SP. (FESTUCA SP.)</u>	<u>80</u>	<u>y</u>	<u>-</u>	
2. <u>GOLDENROD SP. (SOLEDOLO SP.)</u>	<u>20</u>	<u>y</u>	<u>-</u>	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
				<u>100</u> = Total Cover
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1.				
2.				
3.				
4.				
5.				
6.				
				_____ = Total Cover

Dominance Test worksheet:

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

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

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

Prevalence Index worksheet:

Total % Cover of: _____ Multiply by:

OBL species _____ x 1 = _____

FACW species _____ x 2 = _____

FAC species _____ x 3 = _____

FACU species _____ x 4 = _____

UPL species _____ x 5 = _____

Column Totals: _____ (A) _____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

1 - Rapid Test for Hydrophytic Vegetation

2 - Dominance Test is >50%

3 - Prevalence Index is ≤3.0¹

4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

Problematic Hydrophytic Vegetation¹ (Explain)

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

Definitions of Four Vegetation Strata:

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

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

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

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

Hydrophytic Vegetation Present? Yes _____ No

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

WETLAND VEG. IS NOT PRESENT OR DOMINANT @ SAMPLE PT.



Wetland W-SRC-59 Overview, Facing Southwest



Wetland W-SRC-59 Overview, Facing Southeast



Wetland W-SRC-59 Wetland Soil Pit

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: PTC ALLEGANY TUNNEL City/County: SOMERSET CO. Sampling Date: 04.29.2014
 Applicant/Owner: PTC State: PA. Sampling Point: W-SAC-60
 Investigator(s): SAC, JLC Section, Township, Range: -
 Landform (hillslope, terrace, etc.): DEPRESSION Local relief (concave, convex, none): CONCAVE Slope (%): ~5
 Subregion (LRR or MLRA): 127 Lat: - Long: - Datum: -
 Soil Map Unit Name: UDA UDORTHENTS, MINE SPOIL, 0-8% SLOPED NWI classification: PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) RECLAIMED MINE

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

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: <u>LOCATED WITHIN RECLAIMED STRIP MINE.</u>	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input checked="" type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>6"</u> Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Ø</u> Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Ø</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks: <u>RECEIVES OVERLAND FLOW FROM SURROUNDING MINE LAND. OUTFLOW VIA 12" CMP UNDER BIG ROCK ROAD.</u>	

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point: W. SRC. 60

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
_____ = Total Cover			
Sapling/Shrub Stratum (Plot size: _____)			
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			
10. _____			
_____ = Total Cover			
Herb Stratum (Plot size: <u>~ 10</u>)			
1. <u>SOFT RUSH</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>
2. <u>DARK GREEN BURLUSH</u>	<u>20</u>	<u>Y</u>	<u>OBL</u>
3. <u>NARROW LEAF CATTAIL</u>	<u>20</u>	<u>Y</u>	<u>OBL</u>
4. <u>WOOD GRASS (SCIRPUS CYPERINUS)</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
5. <u>SEDGE SP.</u>	<u>NOTED</u>	<u>N</u>	<u>-</u>
6. <u>WHITE MEADOWSWIFT</u>	<u>NOTED</u>	<u>N</u>	<u>FACW</u>
7. _____			
8. _____			
9. _____			
10. _____			
11. _____			
12. _____			
<u>100</u> = Total Cover			
Woody Vine Stratum (Plot size: _____)			
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
_____ = Total Cover			

Dominance Test worksheet:

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

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

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

Prevalence Index worksheet:

Total % Cover of: _____ Multiply by:

OBL species _____ x 1 = _____

FACW species _____ x 2 = _____

FAC species _____ x 3 = _____

FACU species _____ x 4 = _____

UPL species _____ x 5 = _____

Column Totals: _____ (A) _____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

1 - Rapid Test for Hydrophytic Vegetation

2 - Dominance Test is >50%

3 - Prevalence Index is ≤3.0¹

4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

Problematic Hydrophytic Vegetation¹ (Explain)

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

Definitions of Four Vegetation Strata:

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

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

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

Hydrophytic Vegetation Present? Yes No

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

NOTED SPAGNUM MOSS. VEGETATION MOWED MAINTAINED.

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: PTC ALLEGHENY TUNNEL City/County: SOMERSET CO. Sampling Date: 04.29.2014
 Applicant/Owner: PTC State: PA Sampling Point: W. SRC-60 UPLAND
 Investigator(s): SRL, JRG Section, Township, Range: -
 Landform (hillslope, terrace, etc.): HILL SLOPE Local relief (concave, convex, none): CONVEX Slope (%): ~5
 Subregion (LRR or MLRA): 127 Lat: - Long: - Datum: -
 Soil Map Unit Name: LIDA-UDORTHENTS, MINE SOIL, 0-8%, SLOAES NWI classification: -
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

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

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: <p align="center"><i>SAMPLE PT. IS NOT WITHIN A WETLAND. RECLAIMED STRIP MINE.</i></p>	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u>-</u> Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u>-</u> Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u>-</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks: <p align="center"><i>NO WETLAND HYDROLOGY NOTED @ SAMPLE PT.</i></p>	

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point: W. SPC-60 UPLAND

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50</u> (A/B)
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>~10</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>FESCUE SP.</u>	<u>80</u>	<u>y</u>	<u>-</u>	
2. <u>SWAMP Dewberry (RUBUS HISPIDUS)</u>	<u>20</u>	<u>y</u>	<u>FACW</u>	
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
12. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
<u>100</u> = Total Cover				
Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/>				

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

WETLAND VEGETATION IS NOT DOMINANT @ SAMPLE PT.



Wetland W-SRC-60 Overview, Facing Northwest



Wetland W-SRC-60 Overview, Facing Southwest



Wetland W-SRC-60 Wetland Soil Pit

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: PTC ALLEGHENY TUNNEL City/County: SOMERSET CO. Sampling Date: 05.01.2014
 Applicant/Owner: PTC State: PA Sampling Point: W.SAC.61
 Investigator(s): SRC, JRG Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): HILLSLOPE Local relief (concave, convex, none): CONCAVE Slope (%): ~10
 Subregion (LRR or MLRA): 127 Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: H2B - HAZLETON CHANNELLY SANDY LOAM, 0-8% SLOPES NWI classification: PEM/ASS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.)
 Are Vegetation , Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

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

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____	Hydric Soil Present? Yes <input checked="" type="checkbox"/> No _____	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No _____
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No _____		
Remarks: <u>LOCATED WITHIN AND IMMEDIATELY ADJACENT TO AN EXISTING ELECTRICAL POWERLINE RIGHT-OF-WAY. IMMEDIATELY ADJACENT TO STREAM S.SAC.102.</u>		

HYDROLOGY

<p>Wetland Hydrology Indicators:</p> <p><u>Primary Indicators (minimum of one is required; check all that apply)</u></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Water Marks (B1) <input checked="" type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input checked="" type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks) 	<p><u>Secondary Indicators (minimum of two required)</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input checked="" type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input checked="" type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
<p>Field Observations:</p> <p>Surface Water Present? Yes <input checked="" type="checkbox"/> No _____ Depth (inches): <u>4</u></p> <p>Water Table Present? Yes <input checked="" type="checkbox"/> No _____ Depth (inches): <u>Ø</u></p> <p>Saturation Present? Yes <input checked="" type="checkbox"/> No _____ Depth (inches): <u>Ø</u> (includes capillary fringe)</p>	<p>Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No _____</p>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks: <u>ADJACENT TO STREAM S.SAC.102.</u>	

SOIL

Sampling Point: W-SRC-61

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

Depth (inches)	Matrix:		Redox Features		Type ¹	Loc ²	Texture	Remarks
	Color (moist)	%	Color (moist)	%				
0-2	-	-	-	-	-	-	-	-
2-6	10YR 4/2	80	7.5YR 4/6	20	RM	M	SILT LOAM	-
6-12+	2.5Y 5/2	60	5YR 4/6	40	RM	M & PL	SILT LOAM	-

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

Hydric Soil Indicators:

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Mucky Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147, 148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

Indicators for Problematic Hydric Soils³:

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

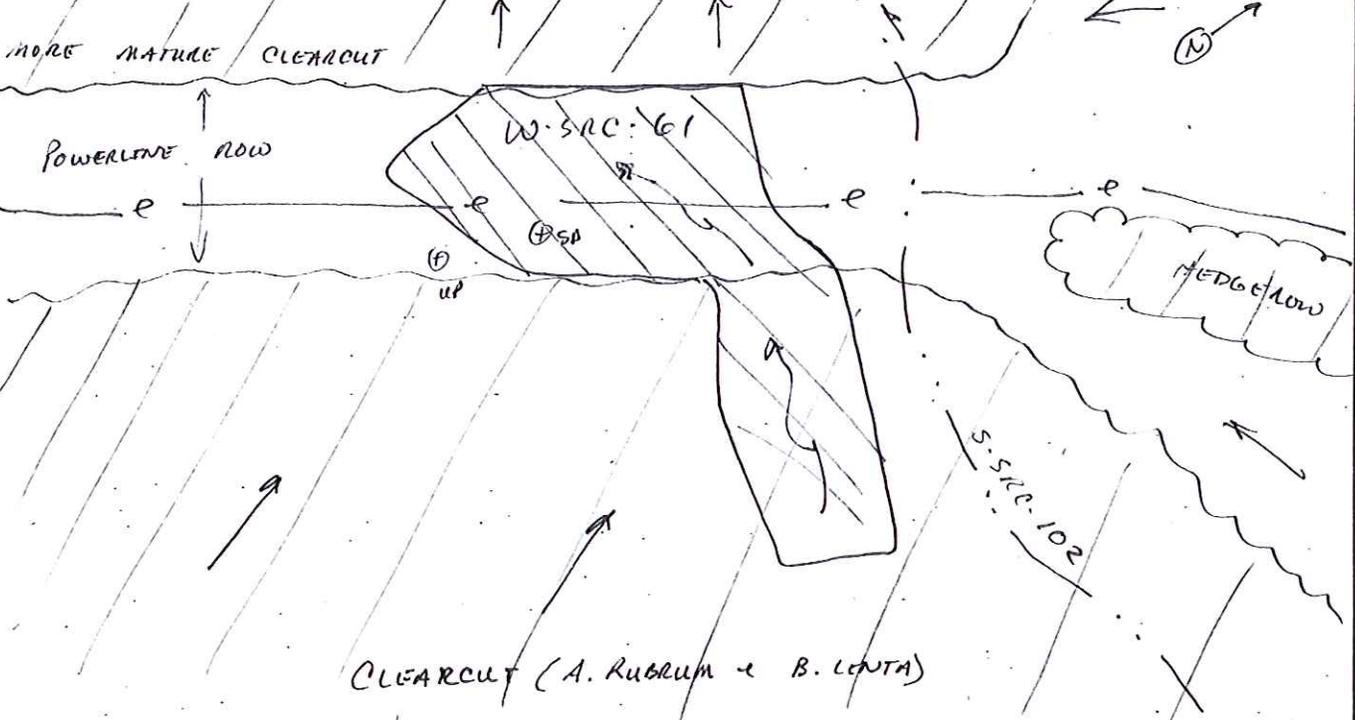
³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: -
Depth (inches): -

Hydric Soil Present? Yes No

Remarks:



WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: PTE ALLEGHENY TUNNEL City/County: SOMERSET CO. Sampling Date: 05.01.2014
 Applicant/Owner: PTE State: PA Sampling Point: W.SRC.61 UPLAND
 Investigator(s): SRC, JAG Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): HILLSLOPE Local relief (concave, convex, none): CONVEX Slope (%): 10
 Subregion (LRR or MLRA): 127 Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: H2B. HAZLETON CHANNELLY SANDY LOAM, 0-8% SLOPES NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.)
 Are Vegetation , Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

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

Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/> Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Remarks: <u>LOCATED WITHIN EXISTING ELECTRICAL POWERLINE RIGHT OF WAY.</u>	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ True Aquatic Plants (B14) ___ High Water Table (A2) ___ Hydrogen Sulfide Odor (C1) ___ Saturation (A3) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Water Marks (B1) ___ Presence of Reduced Iron (C4) ___ Sediment Deposits (B2) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Drift Deposits (B3) ___ Thin Muck Surface (C7) ___ Algal Mat or Crust (B4) ___ Other (Explain in Remarks) ___ Iron Deposits (B5) ___ Inundation Visible on Aerial Imagery (B7) ___ Water-Stained Leaves (B9) ___ Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Sparsely Vegetated Concave Surface (B8) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No <input checked="" type="checkbox"/> Depth (inches): _____ Water Table Present? Yes _____ No <input checked="" type="checkbox"/> Depth (inches): _____ Saturation Present? Yes _____ No <input checked="" type="checkbox"/> Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks: <u>WETLAND HYDROLOGY NOT NOTED @ SAMPLE POINT.</u>	

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point: W. SRC 61 UPLAND

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>2</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50</u> (A/B)
4. _____				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
5. _____				
6. _____				
7. _____				
8. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>~ 15</u>)				
1. <u>RED MAPLE</u>	<u>60</u>	<u>Y</u>	<u>FAC</u>	
2. <u>FRSHE CHERRY (PRUNUS PENNSYLVANICA)</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>	
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
<u>100</u> = Total Cover				
Herb Stratum (Plot size: _____)				
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
12. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
_____ = Total Cover				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
Definitions of Four Vegetation Strata: Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vine – All woody vines greater than 3.28 ft in height.				
Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/>				

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

WETLAND VEGETATION IS NOT DOMINANT @ SAMPLE POINT.



Wetland W-SRC-61 Overview, Facing Northeast



Wetland W-SRC-61 Overview, Facing Southwest

APPENDIX B
STREAM RESOURCE DATA PACKAGES

PHYSICAL CHARACTERIZATION/WATER QUALITY FIELD DATA SHEET

STREAM NAME	S. SRC. 102			CLIENT	PTC
STREAM CLASS	INTERMITTENT			PROJECT	PTC ALLEGHENY TUNNEL
INVESTIGATORS	SRC	DATE	05.01.14	LOCATION	TEMP. HAUL ROAD.
	JLG	TIME	11:45		
LATITUDE	-	LONGITUDE	-	RIVER BASIN	Stony Creek
STATION #	-	RIVERMILE	-	STORE #	-

WEATHER CONDITIONS	NOW	WEATHER CONDITIONS	PAST 24 HOURS	HAS THERE BEEN A HEAVY RAIN IN THE LAST 7 DAYS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<input type="checkbox"/>	STORM (HEAVY RAIN)	<input type="checkbox"/>	
	<input type="checkbox"/>	RAIN (STEADY RAIN)	<input checked="" type="checkbox"/>	
	<input type="checkbox"/>	SHOWERS (INTERMITTENT)	<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	80 % CLOUD COVER	100	
<input type="checkbox"/>	CLEAR/SUNNY		<input type="checkbox"/>	
AIR TEMPERATURE				55 °F
OTHER				-

PROVIDE A PLAN VIEW SKETCH WITH A NORTH ARROW (INDICATE DIRECTIONS OF PHOTOGRAPHS)

STREAM CHANNEL DIMENSIONS	<p style="text-align: center;">FOR LINEAR PROJECTS, PROVIDE DIMENSIONS AT THE CENTERLINE OF THE STREAM CROSSING.</p> <p style="text-align: center;">CHANNEL TOP WIDTH (E)</p>	RIGHT BANK (FACE DOWNSTREAM)	HORIZONTAL (A)	0.50	FT.
				VERTICAL (B)	0.50
		LEFT BANK (FACE DOWNSTREAM)	HORIZONTAL (C)	0.50	FT.
			VERTICAL (D)	0.50	FT.
		CHANNEL DIMENSIONS	TOP WIDTH (E)	4.00	FT.
			BOTTOM WIDTH (F)	3.00	FT.
			OVERALL DEPTH (G)	0.50	FT.
			ORDINARY HIGH WATER MARK (H)	0.25	FT.
			FLOW DEPTH (I)	0.25	FT.
			APPROX. SURFACE VELOCITY	< 5	FT./ SEC

STREAM CHARACTERIZATION	STREAM SUBSYSTEM <input type="checkbox"/> PERENNIAL <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/> EPHEMERAL <input type="checkbox"/> TIDAL	STREAM TYPE <input type="checkbox"/> COLD WATER <input checked="" type="checkbox"/> WARM WATER CATCHMENT AREA _____ SQ. MI.
	STREAM ORIGIN <input type="checkbox"/> GLACIAL <input type="checkbox"/> NON-GLACIAL MONTANE <input type="checkbox"/> SWAMP AND BOG	<input checked="" type="checkbox"/> SPRING FED <input checked="" type="checkbox"/> MIXTURE OF ORIGINS <input checked="" type="checkbox"/> OTHER <i>Groundwater runoff</i>

STREAM ID: S-SRC-102

PHYSICAL CHARACTERIZATION/WATER QUALITY FIELD DATA SHEET

WATERSHED FEATURES	PREDOMINANT SURROUNDING LANDUSE		LOCAL WATERSHED NPS POLLUTION	
	<input checked="" type="checkbox"/> FOREST	<input type="checkbox"/> COMMERCIAL	<input checked="" type="checkbox"/> NO EVIDENCE	<input type="checkbox"/> SOME POTENTIAL SOURCES
	<input type="checkbox"/> FIELD/PASTURE	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OBVIOUS SOURCES	
	<input type="checkbox"/> AGRICULTURAL	<input checked="" type="checkbox"/> OTHER	LOCAL WATERSHED EROSION	
	<input type="checkbox"/> RESIDENTIAL	<i>Powerline ROW</i>	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> MODERATE <input type="checkbox"/> HEAVY
RIPARIAN VEG. (18 M. BUFFER)	INDICATE THE DOMINANT TYPE AND RECORD THE DOMINANT SPECIES PRESENT			
	<input checked="" type="checkbox"/> TREES	<input checked="" type="checkbox"/> SHRUBS	<input type="checkbox"/> GRASSES	<input checked="" type="checkbox"/> HERBACEOUS
	DOMINANT SPECIES PRESENT? <i>Red maple, Black Birch</i>			
INSTREAM FEATURES	STUDY LENGTH	<i>~ 400</i>	FT.	CANOPY COVER
	STREAM WIDTH	<i>4.00</i>	FT.	<input type="checkbox"/> OPEN <input type="checkbox"/> PARTLY OPEN <input checked="" type="checkbox"/> PARTLY SHADED <input type="checkbox"/> SHADED
	STUDY REACH AREA	<i>-</i>	AC.	
	EST. DRAINAGE AREA	<i>-</i>	SQ. MI.	PROPERTIES OF REACH, STREAM MORPHOLOGY TYPES
	MACROINVERTEBRATES PRESENT?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> RIFFLE <i>80</i> % <input type="checkbox"/> RUN <i> </i> %
	TAXA PRESENT	<i>CRANE FLY</i>		<input checked="" type="checkbox"/> POOL <i>20</i> %
			CHANNELIZED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
			DAM PRESENT <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
LARGE WOODY DEBRIS	LWD	<i>-</i>	FT. ²	
	DENSITY OF LWD	<i>-</i>	FT. ² /MI. ²	
AQUATIC VEGETATION	INDICATE THE DOMINANT TYPE AND RECORD THE DOMINANT SPECIES PRESENT			
	<input type="checkbox"/> ROOTED EMERGENT	<input type="checkbox"/> ROOTED SUBMERGENT	<input type="checkbox"/> ROOTED FLOATING	
	<input type="checkbox"/> FLOATING ALGAE	<input type="checkbox"/> ATTACHED ALGAE	<input type="checkbox"/> FREE FLOATING	
	DOMINANT SPECIES PRESENT			
	PORTION OF THE REACH WITH AQUATIC VEGETATION <i> </i> %			
WATER QUALITY	TEMPERATURE	<i> </i>	°C	WATER ODORS
	SPEC. CONDUCTANCE	<i> </i>		<input checked="" type="checkbox"/> NORMAL/NONE <input type="checkbox"/> SEWAGE
	DISSOLVED OXYGEN	<i> </i>		<input type="checkbox"/> PETROLEUM <input type="checkbox"/> CHEMICAL
	pH	<i> </i>		<input type="checkbox"/> FISHY <input type="checkbox"/> OTHER <i> </i>
	TURBIDITY	<i> </i>		WATER SURFACE OILS
	WQ INSTRUMENT USED	<i> </i>		<input type="checkbox"/> SLICK <input type="checkbox"/> SHEEN - Oily
			<input type="checkbox"/> GLOBS <input type="checkbox"/> FLECKS	
			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> OTHER <i> </i>	
			TURBIDITY (IF NOT MEASURED)	
			<input checked="" type="checkbox"/> CLEAR <input type="checkbox"/> SLIGHTLY TURBID	
			<input type="checkbox"/> TURBID <input type="checkbox"/> OPAQUE	
			<input type="checkbox"/> STAINED <input type="checkbox"/> OTHER <i> </i>	
SEDIMENT/SUBSTRATE	ODORS		DEPOSITS	
	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> ANAEROBIC	<input type="checkbox"/> SLUDGE	<input type="checkbox"/> SAWDUST
	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> NONE	<input type="checkbox"/> PAPER FIBER	<input type="checkbox"/> SAND
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> CHEMICAL	<input type="checkbox"/> RELICT SHELLS	
	<input type="checkbox"/> OTHER		<input type="checkbox"/> OTHER <i> </i>	
	OILS		UNDERSIDES OF NON-EMBEDDED STONES BLACK IN COLOR?	
	<input checked="" type="checkbox"/> ABSENT	<input type="checkbox"/> SLIGHT	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	<input type="checkbox"/> MODERATE	<input type="checkbox"/> PROFUSE		

INORGANIC SUBSTRATE COMPONENTS (ADD TO 100%)			ORGANIC SUBSTRATE COMPONENTS (MAY ADD TO LESS THAN 100%)		
SUBSTRATE TYPE	DIAMETER	% COMPOSITION IN SAMPLING REACH	SUBSTRATE TYPE	CHARACTERISTIC	% COMPOSITION IN SAMPLING REACH
BEDROCK	-	-	DETRITUS	STICKS, WOOD, COARSE PLANT MATERIALS (CPOM)	<i>~ 80</i>
BOULDER	256 MM (10"+)	-			
COBBLE	64 - 256 MM (2.5 - 10")	<i>10</i>	MUCK - MUD	BLACK, VERY FINE ORGANIC (FPOM)	-
GRAVEL	2 - 64 MM (0.1 - 2.5")	<i>15</i>			
SAND	0.06 - 0.2 MM (GRITTY)	-			
SILT	0.004 - 0.06 MM	<i>25</i>	MARL	GREY, SHELL FRAGMENTS	-
CLAY	<0.004 MM (SLICK)	<i>40</i>			



Stream S-SRC-102 Overview, Facing Upstream



Stream S-SRC-102 Overview, Facing Downstream

ATTACHMENT B

DRAFT PITTSBURGH DISTRICT WETLAND BOUNDARY VERIFICATION CHECKLIST

&

JURISDICTIONAL DETERMINATION REQUEST FORM

DRAFT
PITTSBURGH DISTRICT
WETLAND BOUNDARY VERIFICATION CHECKLIST

For a preliminary jurisdictional determination only, provide items no. 1 through 7. In order to receive a final wetland boundary verification that can be appealed, provide items no. 1 through 13.

1. **Written** request for a wetland determination and/or delineation verification
2. **Directions** to the site from Pittsburgh
3. **Vicinity map** including the exact location of the proposed project. It should include the nearest intersection of two state highways, identifiable reference points, and concise directions to the site. A USGS Quad is preferred.
4. **Property boundaries or aquatic resource study area/area of review** (if different from property boundary)
5. **Contact Information** of the current property owner(s) and applicants if different and agent if applicable
6. **Name of adjacent waterway(s)**. If the stream is unnamed, identify the receiving waters (e.g., unnamed tributary to Cattail Creek).
7. **Site Map** with the Location of all wetlands, watercourses and/or drainage features identified; a scale appropriate for evaluation must be used (no greater than 1"=200'; 1'=50" or 1"=100' is preferred)
8. **Longitude and Latitude in Decimal Degrees**
9. **Map of the wetland boundary line and all other aquatic resources** map should be to scale and illustrate all aquatic resources including, but not limited to, streams (perennial, intermittent, ephemeral), wetlands, ponds, drainage ditches, etc. Include north arrow, title block with date, scale, drawing number, revision dates, roads and waterway names. Wetland/upland boundary line staked in the field; Mark flags in the field with corresponding number to points on map. The use of mapping grade DGPS (Differential Global Positioning System) equipment with sub-meter accuracy will be an acceptable survey method.
10. **Reference information** (information from aerial photographs, NWI maps, soil surveys, FEMA (Flood Plain Map(s)), and/or local Flood Plain studies, USGS Quadrangle map). All information should have source, data and a scale.
11. **Provide methodologies** used and the rationale for the choice of methodology (routine, comprehensive, atypical, etc.) employed to perform the delineation. The 1987 Corps of Engineers Wetlands Delineation Manual and subsequent HQ guidance must be used for all wetland delineations. **Note: For sites greater than 5 acres, routine methodologies may be utilized provided transects originating from an established baseline are reviewed in the field. Site conditions may warrant further comprehensive methodologies.**
12. **Data forms of both upland and wetland points** (wetland points for each unique community type) along the delineated boundary. Data forms should be complete and legible. Specify the location of the data collected. Provide a site map showing sampling points and transect locations.
13. **Total acreage** of the site and wetlands and the linear feet of stream within the area of review (method for computation of wetland areas should be explained)
14. **Optional items** that can be supplied that will assist in subsequent permit evaluations: Current land use; Proposed and existing structures and contours (clearly defined as such); Rate of average annual flow in cfs for streams; Stream drainage area and size; General geologic and topographic conditions; Onsite, ground level photographs from representative locations with photo index map identifying photograph location and direction); Environmental Assessment of aquatic resources on site; Cowardin Classification of wetland areas

***The Pittsburgh District reserves the right to require any or all of the above items. The Corps will use discretion to determine on a case by case basis if any of the above items will not be required prior to scheduling a site visit.

Revised 2/21/07



Request for a Jurisdictional Determination

This form can be used when you want to determine if areas on your property fall under regulatory requirements of the U.S. Army Corps of Engineers (USACE). Please supply the following information and supporting documents described below. This form can be filled out online and then printed. It **must be signed by the property owner** to be considered a formal request. Submitting this request authorizes the US Army Corps of Engineers to field inspect the property site, if necessary, to help in the determination process. The printed form and supporting documents should be mailed to:

Pittsburgh, Regulatory Branch
U.S. Army Corps of Engineers, Pittsburgh District
1000 Liberty Avenue
Pittsburgh, PA 15222

Please contact us at 412-395-7155 if you need any assistance with filling out this form.

Location and Information about Property to be subject to a Jurisdictional Determination

Property Address/Location: _____

City (name) or Unincorporated: _____ State: ____ Zip: _____

County: _____ Township name: _____

Lat/Long in Decimal Degrees: _____ °N _____ °W

Size of Property in Acres: _____ (Include a survey of the property)

Prior or related USACE project number: _____

Is the property subject to a conservation easement or deed restriction? (Yes or No)
If yes, please explain and submit details of the project area.

Was the property a site for mitigation pursuant to a project previously permitted by USACE?
(Yes or No) If yes, please explain and submit details of the project area.

Is the property neighboring/adjacent to/bordering a project previously permitted by the USACE?
(Yes or No) If yes, please explain and submit the name of the project, the permittee's name and/or address, and Corps permit number, if available:

Property Owner Contact Information:

Property Owner Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Daytime Telephone: _____ Fax: _____

E-Mail Address: _____

If the person requesting the Jurisdictional Determination is **not** the Property Owner, please also supply the Requestor's contact information here:

Requestor Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Daytime Telephone: _____ Fax: _____

E-Mail Address: _____

Please provide a map with the Latitude and Longitude for each water including wetlands; and/or copy of the plat of survey identifying the physical boundaries of the property. Additionally, if you have any of the following information, please include it with your request: wetland delineation, relevant maps, drain tile survey, topographic survey, and site photographs.

If you are considering doing work on the property, please identify on the required site map, plat of survey, or in a separate drawing: the footprint, location, and type of potential work. It will assist us in the determination process and reduce unnecessary delays of processing subsequent permits, if required.

I hereby certify that the information contained in the Request for a Jurisdictional Determination is accurate and complete:

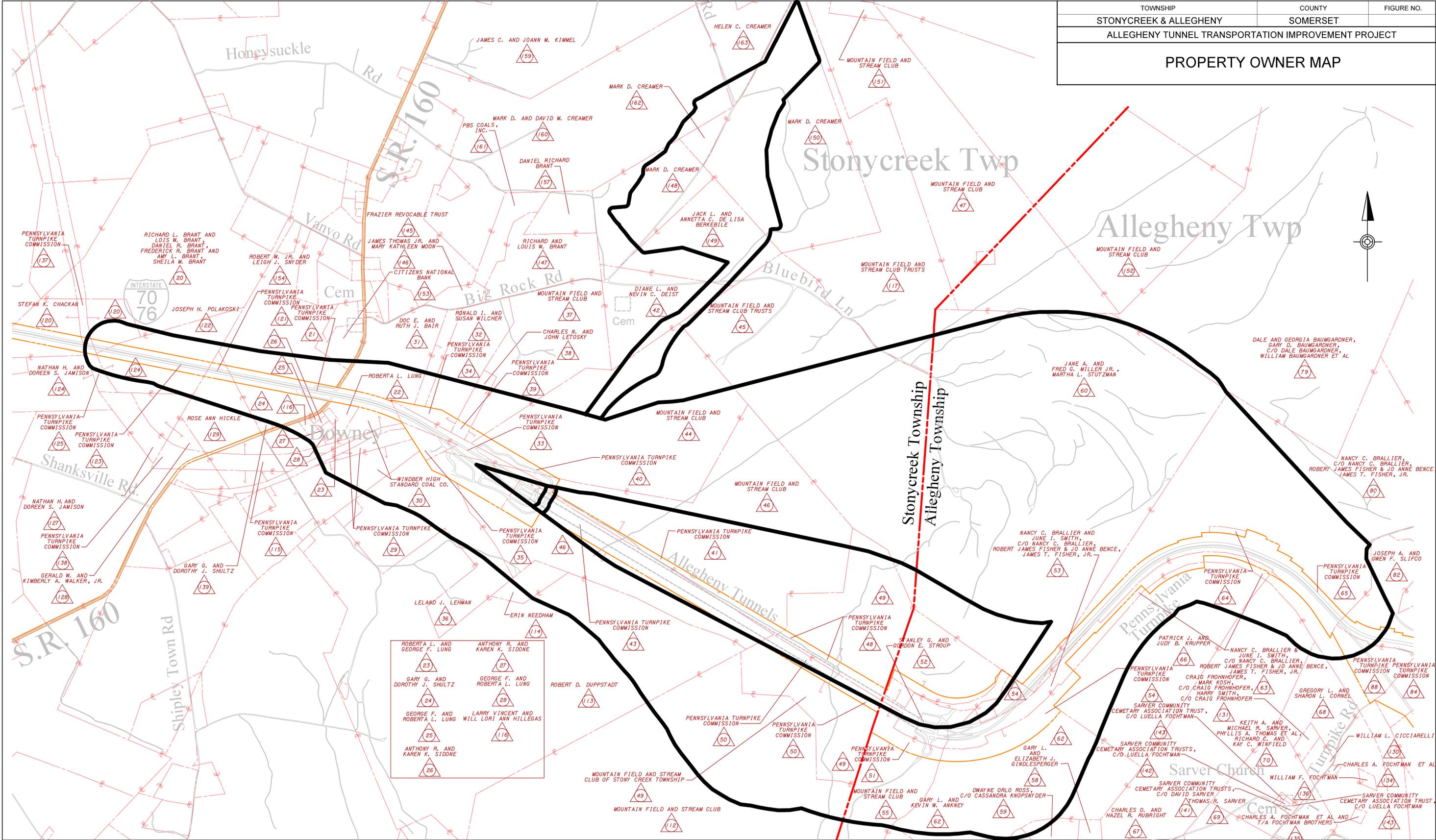
Signature of Property Owner:

Date:

ATTACHMENT C

PROPERTY OWNER INFORMATION

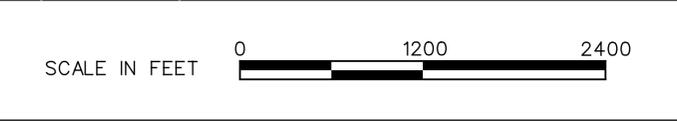
TOWNSHIP	COUNTY	FIGURE NO.
STONYCREEK & ALLEGHENY	SOMERSET	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT		
PROPERTY OWNER MAP		





Pennsylvania Turnpike Commission





 Study Area	 Township Line	 Legal Right-of-Way	 Roads	 Parcel Number
--	---	--	---	---

\Bsp\601\proj\PROJ\97-0605\BETWEEN\ENVIRONMENTAL\NATURAL\LANDS\Property Owner Map.dgn
 7/12/2014 10:44:20 AM