



Stream Inventory Data Form

Project Name <u>EAST POINT SQUARE -> NEXTERA</u>		Date <u>7/12/17</u>																					
Project Number _____		Evaluated By <u>ANDY STEINER</u>																					
Address <u>POMELLA DRIVE</u>																							
Map Sheet # _____		Stream ID <u>S4</u>																					
Stream Name <u>S4</u>																							
Stream Location (e.g. nearest road, structure) _____																							
Flow Regime ☐ Perennial ☐ Intermittent ☒ Ephemeral		Perceptible Flow ☐ Yes Direction <u>NORTH AND EAST</u> ☒ No ☐ Obscured by _____																					
Channel Substrate ☐ Shale ☐ Sand ☒ Bedrock ☐ Silt/Clay ☐ Boulders ☐ Organic ☒ Cobble/Gravel ☐ Other _____		Channel Gradient ☐ <2% (<1°) Gentle ☐ 2 - 4% (1 - 2°) Moderate ☒ 4 - 10% (2 - 6°) Steep ☐ >10% (>6°) Very Steep																					
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☐ High	☐ High																						
Presumed Regulatory Authority ☐ U.S. Army Corps ☐ State <u>*NON-JURISDICTIONAL</u>		Width Measurements (feet) Ordinary High Water Mark <u>6</u> Bank-to-Bank <u>8</u> Across Water <u>0</u> Bankfull _____																					
Water Quality ☐ Clear ☐ Slightly Turbid ☐ Turbid ☐ Very Turbid <u>* NO WATER</u>		Estimated Canopy Closure <table border="0" style="width:100%;"> <tr> <td>☐ 0 - 10%</td> <td>☐ 50 - 60%</td> </tr> <tr> <td>☐ 10 - 20%</td> <td>☐ 60 - 70%</td> </tr> <tr> <td>☐ 20 - 30%</td> <td>☒ 70 - 80%</td> </tr> <tr> <td>☐ 30 - 40%</td> <td>☐ 80 - 90%</td> </tr> <tr> <td>☐ 40 - 50%</td> <td>☐ 90 - 100%</td> </tr> </table>		☐ 0 - 10%	☐ 50 - 60%	☐ 10 - 20%	☐ 60 - 70%	☐ 20 - 30%	☒ 70 - 80%	☐ 30 - 40%	☐ 80 - 90%	☐ 40 - 50%	☐ 90 - 100%										
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Aquatic Habitat ☐ Aquatic Vegetation ☐ Sand Bar ☐ Overhanging Vegetation ☐ Mud Bar ☒ Undercut Banks ☐ Riffle - Pool ☐ Gravel Beach Bar ☐ Plunge Pools ☐ Other _____																							



Stream Inventory Data Form

Adjacent Community Type <u>FIELD / UPLAND WOODS</u>	
<u>Percent Cover</u>	<u>Dominant Species</u>
Trees <u>70</u>	<u>SUGAR MAPLE</u>
Shrubs <u>20</u>	<u>BEECH, HONEYSUCKLE</u>
Herbaceous <u>10</u>	<u>POISON Ivy</u>
Woody Vines _____	_____
Bare Soil/Rock _____	Type _____
Impervious _____	Type _____

<u>Observed Fauna</u>				
☐ Waterfowl	☐ Fish	☐ Salamanders	☐ Mink	☐ Other _____
☐ Snakes	☐ Frogs	☐ Beaver	☐ Invertebrates	_____
☐ Turtles	☐ Toads	☐ Muskrat		_____

<u>Presence of Rare, Threatened, or Endangered Species</u>	
☐ No	☐ Yes <u>Species & Evidence</u> _____
☒ Unknown	_____

<u>Notes (e.g. weather, recent storm events, site access issues, culverts, etc.)</u>	
<u>STREAM FLOWS NORTH BEFORE TURNING @ POMELLA RD AND HEAD NE.</u>	
<u>CHANNEL ENDS @ SEDIMENT DEBRIS PILE W/IN REED CANARY (NO WETLAND)</u>	

<u>Sketch</u>



Stream Inventory Data Form

Project Name <u>East Point Solar</u>		Date <u>8/7/18</u>											
Project Number <u>276522</u>		Evaluated By <u>CL</u>											
Address <u>315 Sharon Hill Road</u>													
USGS Quadrangle(s): _____													
Stream Delineation ID <u>S-CL-1</u>		Stream Name <u>Un-named tributary</u>											
Stream Location <u>SW corner of parcel flowing North to ASF-8(PSS)</u> (e.g. nearest road, structure) <u>Empire Road.</u>													
<u>Stream Classification</u> Perennial _____ ☒ Intermittent Ephemeral _____		<u>Flow</u> Direction <u>North</u> Dry _____ Low _____ ☒ Moderate High _____ Flooding _____											
<u>Streambed Substrate</u> ☒ Shale _____ Sand _____ ☒ Bedrock ☒ Silt/Clay ☒ Boulders ☒ Organic Cobble/Gravel _____ Other _____		<u>Channel Gradient</u> _____ <2% (<1°) Gentle ☒ 2 - 4% (1 - 2°) Moderate _____ 4 - 10% (2 - 6°) Steep _____ >10% (>6°) Very Steep											
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		<u>Width Measurements (feet)</u> Ordinary High Water Mark <u>8'</u> Across Existing Water <u>5'</u> Flood Plain Present? _____ Yes, Measure Bankfull Width _____ No, Measure Top of Bank Width <u>10'</u>											
<u>Probed Stream Depth</u> ☒ 0 - 6 in. _____ 6 - 12 in. _____ 12 - 24 in. _____ 24 - 36 in. _____ >36 in.		<u>Observed Use</u> _____ Boating _____ Shellfishing _____ Swimming _____ Irrigation _____ Fishing ☒ Drainage _____ Drinking _____ Aquaculture _____ Other _____											
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Stream Inventory Data Form

Stream Delineation ID S-CL-1

Adjacent Community Type <u>Upland deciduous forest</u>	
<u>Percent Cover</u>	<u>Dominant Species</u>
Trees <u>40</u>	<u>American basswood, Sugar maple, green ash, black cherry</u>
Shrubs <u>20</u>	<u>Sugar maple, green ash</u>
Herbaceous <u>15</u>	<u>Marginal wood fern, Virginia creeper, green ash, Woodland Strawberry</u>
Woody Vines <u>-</u>	
Bare Soil/Rock	Type
Impervious	Type

<u>Observed Fauna</u>					
☐ Waterfowl	☐ Fish	☐ Salamanders	☐ Mink	☐ Other	
☐ Snakes	☒ Frogs	☐ Beaver	☐ Otter		
☐ Turtles	☒ Toads	☐ Muskrat	☒ Invertebrates		

<u>Presence of Rare, Threatened, or Endangered Species</u>	
☒ No	☐ Yes
Species & Evidence	
☐ Undetermined	

<u>Notes (include weather, site access issues, culverts, etc.)</u>	
<u>Partly Sunny w/ scattered T-storms, 85°F, high humidity.</u>	
<u>Increased turbidity/flows due to recent down pours.</u>	

Sketch



Stream Inventory Data Form

Project Name <u>East Point Solar</u>		Date <u>8/7/18</u>																									
Project Number <u>276522</u>		Evaluated By <u>CL</u>																									
Address <u>315 Sharon Hill Road</u>																											
USGS Quadrangle(s): _____																											
Stream Delineation ID <u>S-CL-2</u>		Stream Name <u>Un-named tributary</u>																									
Stream Location <u>SW Corner of Parcel flowing North to W-AJF-8 (PSS)</u> (e.g. nearest road, structure) <u>Empic Road to the West.</u>																											
<u>Stream Classification</u> Perennial _____ Intermittent _____ ☒ Ephemeral		<u>Flow</u> Direction <u>North</u> Dry ☒ Low _____ Moderate _____ High _____ Flooding _____																									
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Stream Inventory Data Form

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Project Number <u>276522</u>		Evaluated By <u>CL</u>											
Address <u>315 Sharon Hill Road</u>													
USGS Quadrangle(s): _____													
Stream Delineation ID <u>S-CL-3</u>		Stream Name <u>Un-named NYSDEC class C</u>											
Stream Location <u>Bisects southern portion of Project Parcel</u>													
(e.g. nearest road, structure) <u>Gilbert Corners Road</u>													
<u>Stream Classification</u> ☒ Perennial ☐ Intermittent ☐ Ephemeral		<u>Flow</u> Direction <u>East</u> Dry _____ Low _____ ☒ Moderate High _____ Flooding _____											
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Stream Delineation ID 5-CL-3

2 of 2



Stream Inventory Data Form

Project Name <u>EAST POINT SOLAR</u>		Date <u>8/8/18</u>				
Project Number <u>276522</u>		Evaluated By <u>CL</u>				
Address <u>315 SHARON HILL ROAD</u>						
USGS Quadrangle(s): _____						
Stream Delineation ID <u>S-CL-4</u>		Stream Name <u>Unnamed</u>				
Stream Location <u>Central Parcel</u>						
(e.g. nearest road, structure) <u>Sharon Hill Road</u>						
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<u>Stream Classification</u> Perennial _____ Intermittent _____ ☒ Ephemeral	<u>Flow</u> Direction <u>South</u> ☒ Dry _____ Low _____ Moderate _____ _____ High _____ Flooding _____	<u>Presumed Regulatory Authority</u> ☒ U.S. Army Corps _____ State				
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Stream Inventory Data Form

Project Name: <u>East Point Solar</u>		Date: <u>8/9/18</u>									
Project Number: <u>276522</u>		Evaluated By: <u>CL</u>									
Address: <u>315 Sharon Hill Road</u>											
USGS Quadrangle(s): _____											
Stream Delineation ID: <u>S-CL-5</u>		Stream Name: <u>Unnamed</u>									
Stream Location: <u>Confluence to S-CL-3</u>											
(e.g. nearest road, structure) <u>Gilbert Mills Rd.</u>											
<u>Stream Classification</u> Perennial _____ Intermittent _____ ☒ Ephemeral		<u>Flow</u> Direction: <u>North</u> Dry ☒ Low _____ Moderate _____ High _____ Flooding _____									
<u>Streambed Substrate</u> ☒ Shale _____ Sand _____ ☒ Bedrock ☒ Silt/Clay ☒ Boulders ☒ Organic ☒ Cobble/Gravel Other _____		<u>Channel Gradient</u> _____ <2% (<1°) Gentle _____ 2 - 4% (1 - 2°) Moderate ☒ 4 - 10% (2 - 6°) Steep _____ >10% (>6°) Very Steep									
		<u>Presumed Regulatory Authority</u> ☒ U.S. Army Corps _____ State									
		<u>Width Measurements (feet)</u> Ordinary High Water Mark: <u>6'</u> Across Existing Water: _____ Flood Plain Present? Yes, Measure Bankfull Width _____ No, Measure Top of Bank Width: <u>11'</u>									
<u>Probed Stream Depth</u> ☒ 0 - 6 in. _____ 6 - 12 in. _____ 12 - 24 in. _____ 24 - 36 in. _____ >36 in.		<u>Observed Use</u> Boating _____ Shellfishing _____ Swimming _____ Irrigation _____ Fishing _____ ☒ Drainage Drinking _____ Aquaculture _____ Other _____									
<u>Water Quality</u> Clear <u>N/A</u> Slightly Turbid _____ Turbid _____ Very Turbid _____											
<u>Bank Height (feet)</u> Left*: <u>3'</u> Right*: <u>3'</u> * Direction when facing downstream		<u>Bank Slope</u> 0 - 8% (0 - 5°) Nearly Level to Gently Sloping 8 - 15% (5 - 9°) Moderately Sloping 15 - 25% (9 - 14°) Steeply Sloping 25 - 35% (14 - 20°) Steep >35% (>20°) Very Steep									
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Left*	Right*										
☒	☒										
☐	☐										
☐	☐										
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Left*	Right*										
Low	Low										
Moderate ☒	Moderate ☒										
High	High										
<u>Bank Substrate</u> Shale _____ Gravel _____ Bedrock _____ Sand _____ ☒ Cobble ☒ Organic ☒ Silt/Clay ☒ Riprap Other _____		<u>Aquatic Habitat</u> Aquatic Vegetation _____ Mud Bar _____ ☒ Overhanging Vegetation _____ Sand Bar _____ Undercut Banks _____ Riffle - Pool _____ Gravel Bar _____ Plunge Pools _____ Other _____									
		<u>Estimated Canopy Closure</u> 0 - 10% _____ 50 - 60% _____ 10 - 20% _____ 60 - 70% _____ 20 - 30% ☒ 70 - 80% _____ 30 - 40% ☒ 80 - 90% _____ 40 - 50% _____ 90 - 100% _____									



Stream Inventory Data Form

Stream Delineation ID 6-1-5

Adjacent Community Type <u>Upland deciduous forest</u>				
<u>Percent Cover</u>				
Trees	<u>45</u>			
Shrubs	<u>35</u>			
Herbaceous	<u>20</u>			
Woody Vines	<u>10</u>			
Bare Soil/Rock	<u>-</u>			
Impervious	<u>-</u>			
<u>Dominant Species</u>				
<u>Sugar maple, black cherry, green ash</u>				
<u>green ash, black cherry, sugar maple</u>				
<u>sugar maple, marginal wood fern</u>				
<u>riverbank grape vines</u>				
<u>Type</u>				
<u>Type</u>				
<u>Observed Fauna</u> <u>N/A</u>				
<u>Waterfowl</u>	<u>Fish</u>	<u>Salamanders</u>	<u>Mink</u>	<u>Other</u>
<u>Snakes</u>	<u>Frogs</u>	<u>Beaver</u>	<u>Otter</u>	
<u>Turtles</u>	<u>Toads</u>	<u>Muskrat</u>	<u>Invertebrates</u>	
<u>Presence of Rare, Threatened, or Endangered Species</u>				
☒ No	☐ Yes	<u>Species & Evidence</u>		
<u>Undetermined</u>				
<u>Notes (include weather, site access issues, culverts, etc.)</u>				
<u>Short ephemeral drainage, potentially spring fed in past, now no flow.</u>				
<u>Sketch</u>				



Stream Inventory Data Form

Project Name <u>EAST POINT SOLAR</u>		Date <u>8/9/18</u>	
Project Number <u>276522</u>		Evaluated By <u>CL</u>	
Address <u>315 SHARON HILL RD.</u>			
USGS Quadrangle(s): _____			
Stream Delineation ID <u>S-CL-6</u>		Stream Name <u>Unnamed</u>	
Stream Location <u>Central portion of parcel</u> (e.g. nearest road, structure) <u>Gilbert Corners Road</u>			
<u>Stream Classification</u> Perennial _____ Intermittent _____ ☒ Ephemeral		<u>Flow</u> Direction <u>NE</u> ☒ Dry ☒ Low _____ Moderate _____ _____ High _____ Flooding _____	
<u>Streambed Substrate</u> ☒ Shale _____ Sand _____ _____ Bedrock ☒ Silt/Clay _____ _____ Boulders ☒ Organic _____ ☒ Cobble/Gravel _____ _____ Other _____		<u>Channel Gradient</u> _____ <2% (<1°) Gentle _____ ☒ 2 - 4% (1 - 2°) Moderate _____ _____ 4 - 10% (2 - 6°) Steep _____ _____ >10% (>6°) Very Steep _____	
		<u>Presumed Regulatory Authority</u> ☒ U.S. Army Corps _____ State _____	
		<u>Width Measurements (feet)</u> Ordinary High Water Mark <u>3.5'</u> Across Existing Water <u>1'</u> Flood Plain Present? Yes, Measure Bankfull Width _____ No, Measure Top of Bank Width <u>4.6'</u>	
<u>Probed Stream Depth</u> ☒ 0 - 6 in. _____ 6 - 12 in. _____ 12 - 24 in. _____ 24 - 36 in. _____ >36 in.		<u>Observed Use</u> _____ Boating _____ Shellfishing _____ _____ Swimming _____ Irrigation _____ _____ Fishing ☒ Drainage _____ _____ Drinking _____ Aquaculture _____ _____ Other _____	
<u>Bank Height (feet)</u> Left* <u>2.5'</u> Right* <u>2.5'</u> * Direction when facing downstream		<u>Bank Slope</u> 0 - 8% (0 - 5°) Nearly Level to Gently Sloping 8 - 15% (5 - 9°) Moderately Sloping 15 - 25% (9 - 14°) Steeply Sloping 25 - 35% (14 - 20°) Steep >35% (>20°) Very Steep	
		<u>Bank Erosion Potential</u> Left* Right* Low _____ Moderate _____ High ☒ ☒	
<u>Bank Substrate</u> ☒ Shale _____ Gravel _____ _____ Bedrock _____ Sand _____ ☒ Cobble ☒ Organic _____ ☒ Silt/Clay _____ Riprap _____ _____ Other _____		<u>Aquatic Habitat</u> Aquatic Vegetation ☒ Mud Bar _____ ☒ Overhanging Vegetation _____ Sand Bar _____ ☒ Undercut Banks _____ Riffle - Pool _____ _____ Gravel Bar _____ Plunge Pools _____ _____ Other _____	
		<u>Estimated Canopy Closure</u> 0 - 10% _____ 50 - 60% _____ 10 - 20% _____ 60 - 70% _____ 20 - 30% ☒ 70 - 80% _____ 30 - 40% _____ 80 - 90% _____ 40 - 50% _____ 90 - 100% _____	



Stream Inventory Data Form

Stream Delineation ID S-CL-6

Adjacent Community Type <u>Upland deciduous forest / PFO Wetland</u>	
<u>Percent Cover</u> <u>Dominant Species</u>	
Trees <u>45%</u>	<u>American basswood, green ash, sugar maple</u>
Shrubs <u>10%</u>	<u>American basswood, green ash</u>
Herbaceous <u>50%</u>	<u>Intermediate Wood fern, Virginia Creeper, sensitive fern, Jewelweed</u>
Woody Vines <u>5%</u>	<u>grape sp.</u>
Bare Soil/Rock _____	Type _____
Impervious _____	Type _____

<u>Red eff. Observed Fauna</u>					
Waterfowl _____	Fish _____	☒ Salamanders	Mink _____	Other _____	
Snakes _____	☒ Frogs	Beaver _____	Otter _____	_____	
Turtles _____	Toads _____	Muskrat _____	Invertebrates _____	_____	

Presence of Rare, Threatened, or Endangered Species

☒ No _____ Yes _____ Species & Evidence _____

Undetermined _____

Notes (include weather, site access issues, culverts, etc.)

Sunny, 82°F, Early morning rain showers. High humidity.

Sketch



Stream Inventory Data Form

Project Name <u>East Point</u>		Date <u>5-24-18</u>
Project Number _____		Evaluated By <u>MR-RT</u>
Address _____		
USGS Quadrangle(s): _____		
Stream Delineation ID <u>S-MR-1</u>		Stream Name _____
Stream Location _____ (e.g. nearest road, structure)		
Presumed Regulatory Authority _____ Rationale: _____		
☐ U.S. Army Corps ☐ State		
Stream Class ☐ Perennial ☒ Intermittent ☐ Ephemeral ☐ Undetermined	Observed Hydrology Flow ☐ Dry ☒ Low ☐ Moderate Stage ☐ High ☐ Flood Flow Direction <u>N</u> Average Depth <u>2</u>	Width (ft.) across Existing Water <u>2.5</u> Flood Plain Present? ☐ Yes, Measure Bankfull Width (ft.) ☒ No, Measure Top of Bank Width (ft.) <u>4</u> Width (ft.) across Ordinary High Water Mark* <u>3</u> *Ordinary High Water Mark Indicators ☒ Natural Line Impressed on Bank ☐ Scour ☐ Wrack ☒ Matted, bent, or Absent Vegetation ☐ Water Staining ☐ Soil Character Change ☐ Shelving ☐ Terrestrial Vegetation Destroyed ☒ Bed & Banks ☐ Disturbed/Washed-away Leaf Litter ☐ Litter & Debris ☐ Plant Community Change ☐ Sediment Sorting ☐ Multiple Observed Flow Events ☐ Deposition
Streambed Substrate ☐ Shale ☐ Sand ☐ Bedrock ☐ Organic ☐ Boulders ☐ Cobble/Gravel ☒ Silt ☒ Clay ☐ Other _____	Channel Gradient ☐ <2% (<1°) Gentle ☒ 2 - 4% (1 - 2°) Moderate ☐ 4 - 10% (2 - 6°) Steep ☐ >10% (>6°) Very Steep	Water Quality ☒ Clear ☐ Turbid ☐ Slightly Turbid ☐ Very Turbid Comments _____
Observed Use ☐ Boating ☐ Shellfishing ☐ Swimming ☐ Irrigation ☐ Fishing ☐ Drainage ☐ Drinking ☐ Aquaculture ☐ Other _____	Bank Slope 0 - 8% (0 - 5°) Nearly Level - Gently Sloping 8 - 15% (5 - 9°) Moderately Sloping 15 - 25% (9 - 14°) Steeply Sloping 25 - 35% (14 - 20°) Steep >35% (>20°) Very Steep Left* <u>X</u> Right* <u>X</u>	Bank Height (ft.) Left* <u>0.25</u> Right* <u>0.25</u> * Direction when facing downstream Bank Erosion Potential Low <u>X</u> Right* <u>X</u> Moderate _____ High _____
Bank Substrate ☐ Shale ☐ Gravel ☒ Silt/Clay ☐ Cobble ☐ Bedrock ☐ Sand ☐ Riprap ☐ Organic ☐ Other _____ Comments _____	Aquatic Habitat ☐ Aquatic Vegetation ☐ Mud Bar ☒ Overhanging Vegetation ☐ Sand Bar ☐ Undercut Banks ☐ Riffle - Pool ☐ Gravel Bar ☐ Plunge Pools ☐ Other _____	Estimated Canopy Closure ☐ 0 - 10% ☐ 50 - 60% ☐ 10 - 20% ☐ 60 - 70% ☐ 20 - 30% ☒ 70 - 80% ☐ 30 - 40% ☐ 80 - 90% ☐ 40 - 50% ☐ 90 - 100%



Stream Delineation ID

S-MR-1

Version 2.0 February 1, 2018



Stream Inventory Data Form

Project Name <u>East Point</u>		Date <u>5-24-18</u>	
Project Number _____		Evaluated By <u>MR, KT</u>	
Address _____			
USGS Quadrangle(s): _____			
Stream Delineation ID <u>S-2</u>		Stream Name _____	
Stream Location _____			
(e.g. nearest road, structure)			
Presumed Regulatory Authority _____			
Rationale: <u>Non Juris</u>			
☐ U.S. Army Corps ☐ State			
<u>Stream Class</u>		<u>Observed Hydrology</u>	
☐ Perennial ☒ Intermittent ☐ Ephemeral ☐ Undetermined		Flow ☐ Dry ☒ Low ☐ Moderate Stage ☐ High ☐ Flood Flow Direction <u>N</u> Average Depth <u>1</u>	
<u>Streambed Substrate</u>		<u>Channel Gradient</u>	
☐ Shale ☐ Sand ☐ Bedrock ☐ Organic ☐ Boulders ☐ Cobble/Gravel ☒ Silt ☒ Clay ☐ Other _____		☐ <2% (<1°) Gentle ☒ 2 - 4% (1 - 2°) Moderate ☐ 4 - 10% (2 - 6°) Steep ☐ >10% (>6°) Very Steep	
<u>Observed Use</u>		<u>Width (ft.) across Existing Water</u>	
☐ Boating ☐ Shellfishing ☐ Swimming ☐ Irrigation ☐ Fishing ☐ Drainage ☐ Drinking ☐ Aquaculture ☐ Other _____		Flood Plain Present? ☐ Yes, Measure Bankfull Width (ft.) ☐ No, Measure Top of Bank Width (ft.) <u>3</u> Width (ft.) across Ordinary High Water Mark* <u>2</u> <u>*Ordinary High Water Mark Indicators</u>	
		☐ Natural Line Impressed on Bank ☐ Scour ☐ Wrack ☒ Matted, bent, or Absent Vegetation ☐ Water Staining ☐ Soil Character Change ☐ Shelving ☐ Terrestrial Vegetation Destroyed ☒ Bed & Banks ☐ Disturbed/Washed-away Leaf Litter ☐ Litter & Debris ☐ Plant Community Change ☐ Sediment Sorting ☐ Multiple Observed Flow Events ☐ Deposition	
		<u>Water Quality</u>	
		☒ Clear ☐ Turbid ☐ Slightly Turbid ☐ Very Turbid Comments _____	
<u>Bank Slope</u>		<u>Bank Height (ft.)</u>	
0 - 8% (0 - 5°) Nearly Level - Gently Sloping ☒ Left* ☒ Right* 8 - 15% (5 - 9°) Moderately Sloping 15 - 25% (9 - 14°) Steeply Sloping 25 - 35% (14 - 20°) Steep >35% (>20°) Very Steep		Left* <u>0.5</u> Right* <u>0.5</u> * Direction when facing downstream	
		<u>Bank Erosion Potential</u>	
		Left* ☒ Right* ☒ Low Moderate High	
<u>Bank Substrate</u>		<u>Aquatic Habitat</u>	
☐ Shale ☐ Gravel ☒ Silt/Clay ☐ Cobble ☐ Bedrock ☐ Sand ☐ Riprap ☐ Organic ☐ Other _____ Comments _____		☐ Aquatic Vegetation ☐ Mud Bar ☐ Overhanging Vegetation ☐ Sand Bar ☐ Undercut Banks ☐ Riffle - Pool ☐ Gravel Bar ☐ Plunge Pools ☐ Other _____	
		<u>Estimated Canopy Closure</u>	
		☐ 0 - 10% ☐ 50 - 60% ☒ 10 - 20% ☐ 60 - 70% ☐ 20 - 30% ☐ 70 - 80% ☐ 30 - 40% ☐ 80 - 90% ☐ 40 - 50% ☐ 90 - 100%	

Stream Inventory Data Form

Stream Delineation ID

S-MR-2

Adjacent Community Type	Ag, upland		
<u>Percent Cover</u>	<u>Dominant Species</u>		
Trees	15	white ash	
Shrubs	15	Lonicera, dogweed	
Herbaceous	60	horsetail	
Woody Vines			
Bare Soil/Rock		Type	
Impervious		Type	

<u>Observed Fauna</u>				
☐ Waterfowl	☐ Fish	☐ Salamanders	☐ Mink	☐ Other
☐ Snakes	☐ Frogs	☐ Beaver	☐ Otter	
☐ Turtles	☐ Toads	☐ Muskrat	☐ Invertebrates	

<u>Presence of Rare, Threatened, or Endangered Species</u>	
☐ No	☐ Yes <u>Species & Evidence</u>
☐ Undetermined	

<u>Notes (include weather, site access issues, culverts, etc.)</u>

Sketch (Optional)



Stream Inventory Data Form

Project Name <u>East Point</u>		Date <u>5-25-18</u>
Project Number _____		Evaluated By <u>MR KT</u>
Address _____		
USGS Quadrangle(s): _____		
Stream Delineation ID <u>5-3</u>		Stream Name _____
Stream Location _____ (e.g. nearest road, structure)		
Presumed Regulatory Authority <u>NO</u> Rationale: _____		
☐ U.S. Army Corps ☐ State		
Stream Class ☒ Perennial ☒ Intermittent ☐ Ephemeral ☐ Undetermined	Observed Hydrology Flow ☐ Dry ☒ Low ☐ Moderate Stage ☐ High ☐ Flood Flow Direction <u>N</u> Average Depth <u>2</u>	Width (ft.) across Existing Water Flood Plain Present? ☐ Yes, Measure Bankfull Width (ft.) ☐ No, Measure Top of Bank Width (ft.) Width (ft.) across Ordinary High Water Mark* <u>3</u> *Ordinary High Water Mark Indicators ☐ Natural Line Impressed on Bank ☐ Scour ☐ Wrack ☐ Matted, bent, or Absent Vegetation ☐ Water Staining ☐ Soil Character Change ☐ Shelving ☐ Terrestrial Vegetation Destroyed ☐ Bed & Banks ☐ Disturbed/Washed-away Leaf Litter ☐ Litter & Debris ☐ Plant Community Change ☐ Sediment Sorting ☐ Multiple Observed Flow Events ☐ Deposition
Streambed Substrate ☐ Shale ☐ Sand ☐ Bedrock ☐ Organic ☐ Boulders ☐ Cobble/Gravel ☐ Silt ☐ Clay ☐ Other _____	Channel Gradient ☐ <2% (<1°) Gentle ☐ 2 - 4% (1 - 2°) Moderate ☐ 4 - 10% (2 - 6°) Steep ☐ >10% (>6°) Very Steep	Observed Use ☐ Boating ☐ Shellfishing ☐ Swimming ☐ Irrigation ☐ Fishing ☐ Drainage ☐ Drinking ☐ Aquaculture ☐ Other _____
Bank Slope 0 - 8% (0 - 5°) Nearly Level - Gently Sloping 8 - 15% (5 - 9°) Moderately Sloping 15 - 25% (9 - 14°) Steeply Sloping 25 - 35% (14 - 20°) Steep >35% (>20°) Very Steep		Bank Height (ft.) Left* <u>2</u> Right* <u>2</u> * Direction when facing downstream
Bank Erosion Potential Left* Right* Low Moderate <u>X</u> <u>X</u> High		Water Quality ☒ Clear ☐ Turbid ☐ Slightly Turbid ☐ Very Turbid Comments _____
Bank Substrate ☐ Shale ☐ Gravel ☒ Silt/Clay ☐ Cobble ☐ Bedrock ☐ Sand ☐ Riprap ☐ Organic ☐ Other _____ Comments _____	Aquatic Habitat ☐ Aquatic Vegetation ☐ Mud Bar ☐ Overhanging Vegetation ☐ Sand Bar ☐ Undercut Banks ☐ Riffle - Pool ☐ Gravel Bar ☐ Plunge Pools ☐ Other _____	Estimated Canopy Closure ☐ 0 - 10% ☐ 50 - 60% ☐ 10 - 20% ☐ 60 - 70% ☐ 20 - 30% ☐ 70 - 80% ☐ 30 - 40% ☐ 80 - 90% ☐ 40 - 50% ☐ 90 - 100%



Stream Inventory Data Form

Stream Delineation ID

S-3

Adjacent Community Type

Ag Field

Percent Cover

Dominant Species

Trees

Shrubs

Herbaceous

Woody Vines

Bare Soil/Rock

Impervious

100

corn, goldenrod, dandelion

Type

Type

Observed Fauna

☐ Waterfowl

☐ Fish

☐ Salamanders

☐ Mink

☐ Other

☐ Snakes

☐ Frogs

☐ Beaver

☐ Otter

☐ Turtles

☐ Toads

☐ Muskrat

☐ Invertebrates

Presence of Rare, Threatened, or Endangered Species

☐ No

☐ Yes

Species & Evidence

☐ Undetermined

Notes (include weather, site access issues, culverts, etc.)

Sketch (Optional)



Stream Inventory Data Form

Project Name <u>East point</u>		Date <u>5-24-16</u>
Project Number _____		Evaluated By <u>MR, KT</u>
Address _____		
USGS Quadrangle(s): _____		
Stream Delineation ID <u>5-3</u>		Stream Name _____
Stream Location _____ (e.g. nearest road, structure)		
Presumed Regulatory Authority <u>NJ</u> Rationale: _____		
☐ U.S. Army Corps ☐ State		
Stream Class ☐ Perennial ☐ Intermittent ☒ Ephemeral ☐ Undetermined	Observed Hydrology Flow ☒ Dry ☐ Low ☐ Moderate Stage ☐ High ☐ Flood Flow Direction <u>N</u> Average Depth <u>0</u>	Width (ft.) across Existing Water Flood Plain Present? ☐ Yes, Measure Bankfull Width (ft.) ☐ No, Measure Top of Bank Width (ft.) Width (ft.) across Ordinary High Water Mark* <u>3</u> *Ordinary High Water Mark Indicators ☒ Natural Line Impressed on Bank ☐ Scour ☐ Wrack ☒ Matted, bent, or Absent Vegetation ☐ Water Staining ☐ Soil Character Change ☒ Shelving ☐ Terrestrial Vegetation Destroyed ☐ Bed & Banks ☐ Disturbed/Washed-away Leaf Litter ☐ Litter & Debris ☐ Plant Community Change ☐ Sediment Sorting ☐ Multiple Observed Flow Events ☐ Deposition
Streambed Substrate ☐ Shale ☐ Sand ☐ Bedrock ☐ Organic ☒ Boulders ☒ Cobble/Gravel ☒ Silt ☒ Clay ☐ Other _____	Channel Gradient ☐ <2% (<1°) Gentle ☐ 2 - 4% (1 - 2°) Moderate ☒ 4 - 10% (2 - 6°) Steep ☐ >10% (>6°) Very Steep	Water Quality ☐ Clear ☐ Turbid ☐ Slightly Turbid ☐ Very Turbid Comments _____
Observed Use ☐ Boating ☐ Shellfishing ☐ Swimming ☐ Irrigation ☐ Fishing ☐ Drainage ☐ Drinking ☐ Aquaculture ☐ Other _____	Bank Slope Left* Right* 0 - 8% (0 - 5°) Nearly Level - Gently Sloping 8 - 15% (5 - 9°) Moderately Sloping 15 - 25% (9 - 14°) Steeply Sloping 25 - 35% (14 - 20°) Steep >35% (>20°) Very Steep <u>X</u> <u>X</u>	Bank Height (ft.) Left* <u>3</u> Right* <u>3</u> * Direction when facing downstream Bank Erosion Potential Left* Right* Low Moderate <u>X</u> <u>X</u> High
Bank Substrate ☐ Shale ☐ Gravel ☒ Silt/Clay ☐ Cobble ☐ Bedrock ☐ Sand ☐ Riprap ☐ Organic ☐ Other _____ Comments _____	Aquatic Habitat ☐ Aquatic Vegetation ☐ Mud Bar ☐ Overhanging Vegetation ☐ Sand Bar ☐ Undercut Banks ☐ Riffle - Pool ☐ Gravel Bar ☐ Plunge Pools ☐ Other _____	Estimated Canopy Closure ☒ 0 - 10% ☐ 50 - 60% ☐ 10 - 20% ☐ 60 - 70% ☐ 20 - 30% ☐ 70 - 80% ☐ 30 - 40% ☐ 80 - 90% ☐ 40 - 50% ☐ 90 - 100%



Stream Inventory Data Form

Stream Delineation ID

S-3

Adjacent Community Type

Ag field

Percent Cover

Dominant Species

Trees

Shrubs

Herbaceous 100

Woody Vines

Bare Soil/Rock

Impervious

Type

Type

corn, goldenrod, dandelion

Observed Fauna

☐ Waterfowl

☐ Fish

☐ Salamanders

☐ Mink

☐ Other

☐ Snakes

☐ Frogs

☐ Beaver

☐ Otter

☐ Turtles

☐ Toads

☐ Muskrat

☐ Invertebrates

Presence of Rare, Threatened, or Endangered Species

☐ No

☐ Yes

Species & Evidence

☐ Undetermined

Notes (include weather, site access issues, culverts, etc.)

Sketch (Optional)



Stream Inventory Data Form

Project Name <u>East Point</u>		Date <u>5-1-2019</u>	
Project Number <u>27652a</u>		Evaluated By <u>SSB</u>	
Address <u>Sharon Hill Road</u>			
USGS Quadrangle(s): <u>Sharon Springs</u>			
Stream Delineation ID <u>S-SSB-2</u>		Stream Name <u>NA</u>	
Stream Location <u>inside W-CL-2</u>			
(e.g. nearest road, structure) <u>Sharon Hill Road</u>			
Presumed Regulatory Authority <u>Perennial</u>			
Rationale: <u>Perennial</u>			
☒ U.S. Army Corps ☐ State			
Stream Class ☒ Perennial ☐ Intermittent ☐ Ephemeral ☐ Undetermined		Observed Hydrology Flow ☐ Dry ☐ Low ☒ Moderate Stage ☐ High ☐ Flood Flow Direction <u>East</u> Average Depth <u>3 in</u>	
Streambed Substrate ☐ Shale ☐ Sand ☐ Bedrock ☐ Organic ☐ Boulders ☒ Cobble/Gravel ☒ Silt ☐ Clay ☐ Other		Channel Gradient ☐ <2% (<1°) Gentle ☐ 2 - 4% (1 - 2°) Moderate ☐ 4 - 10% (2 - 6°) Steep ☐ >10% (>6°) Very Steep	
Observed Use ☐ Boating ☐ Shellfishing ☐ Swimming ☐ Irrigation ☐ Fishing ☐ Drainage ☐ Drinking ☐ Aquaculture ☐ Other		Width (ft.) across Existing Water Flood Plain Present? ☐ Yes, Measure Bankfull Width (ft.) ☒ No, Measure Top of Bank Width (ft.) <u>5</u> Width (ft.) across Ordinary High Water Mark* <u>4</u> *Ordinary High Water Mark Indicators ☐ Natural Line Impressed on Bank ☒ Scour ☐ Wrack ☐ Matted, bent, or Absent Vegetation ☐ Water Staining ☐ Soil Character Change ☐ Shelving ☐ Terrestrial Vegetation Destroyed ☒ Bed & Banks ☐ Disturbed/Washed-away Leaf Litter ☐ Litter & Debris ☐ Plant Community Change ☒ Sediment Sorting ☐ Multiple Observed Flow Events ☐ Deposition	
Bank Slope 0 - 8% (0 - 5°) Nearly Level - Gently Sloping 8 - 15% (5 - 9°) Moderately Sloping 15 - 25% (9 - 14°) Steeply Sloping 25 - 35% (14 - 20°) Steep >35% (>20°) Very Steep		Bank Height (ft.) Left* <u>2</u> Right* <u>2</u> Right* <u>3</u> * Direction when facing downstream	
Bank Substrate ☐ Shale ☐ Gravel ☒ Silt/Clay ☒ Cobble ☐ Bedrock ☐ Sand ☐ Riprap ☐ Organic ☐ Other Comments		Aquatic Habitat ☒ Aquatic Vegetation ☐ Mud Bar ☐ Overhanging Vegetation ☐ Sand Bar ☒ Undercut Banks ☐ Riffle - Pool ☐ Gravel Bar ☐ Plunge Pools ☐ Other	
Estimated Canopy Closure ☐ 0 - 10% ☐ 50 - 60% ☐ 10 - 20% ☐ 60 - 70% ☐ 20 - 30% ☐ 70 - 80% ☒ 30 - 40% ☐ 80 - 90% ☐ 40 - 50% ☐ 90 - 100%			



Stream Inventory Data Form

Stream Delineation ID

Adjacent Community Type

PSS wetland

Percent Cover

Dominant Species

Trees

Shrubs

30

Red Osier Dogwood, Black Cherry

Herbaceous

Woody Vines

Bare Soil/Rock

Impervious

Type

Type

Observed Fauna

☐ Waterfowl

☐ Fish

☐ Salamanders

☐ Mink

☐ Other

☐ Snakes

☒ Frogs

☐ Beaver

☐ Otter

☐ Turtles

☐ Toads

☐ Muskrat

☐ Invertebrates

Presence of Rare, Threatened, or Endangered Species

☐ No

☐ Yes

Species & Evidence

☒ Undetermined

Notes (include weather, site access issues, culverts, etc.)

Connects to stream 1E Comorb stream
Inside wetland W-CL-2 near Sharon Hill Road

Sketch (Optional)