

APPENDIX C

Data Forms



CLIENT: SED PROJECT: FLAT CREEK

S-ABL-01, Ephemeral

PLOT OVERVIEW				
ID	S-ABL-01	Classification	Ephemeral	
Waterbody Name	Date 2022-08-15 15:31:53			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	244–300 Sprakers Rd Canajoharie Montgomery County NY 12166 US			
Location Description				
Lat. / Long. (WGS84)	42.9017129327, -74.5529637844			

STREAM / WATERBODY CHARACTERISTICS				
Flow Stage	Dry	Flow Direction	NE	
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches	
Perceptible Flow	No	Obstruction	NA	
Channel Substrate	Cobble/Gravel,Silt/Clay	Channel Gradient	> 10% (> 6 deg) Very Steep	
Is floodplain present?	no	Bankfull Width (ft)	NA	
Existing Water Width (ft)	0	Top of Bank (ft)	3	
Water Quality		Presumed Regulatory Authority		
Ordinary High Water Mark (ft)	0.5	Canopy Closure (Est.)	70 to 80%	
OHWM Indicators	Natural Line Impressed on Bank,Shelving			
Water Quality Comments	No water			
Bank Substrate	Silt/Clay			
Aquatic Habitat	Overhanging Vegetation, Undercut Banks			
Observed Use	None			
Observed Fauna				
RTE Species & Evidence				
Notes				

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	3	> 35% (> 20 deg) Very Steep	High
Right Bank	3	> 35% (> 20 deg) Very Steep	High



Upstream Photo:



Downstream Photo:









CLIENT: SED PROJECT: FLAT CREEK

S-ABL-02, Ephemeral

PLOT OVERVIEW				
ID	S-ABL-02	Classification	Ephemeral	
Waterbody Name	Date 2022-08-15 13:08:28			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	206–242 Sprakers Rd Canajoharie Montgomery County NY 13317 US			
Location Description				
Lat. / Long. (WGS84)	42.9023557266, -74.555080917			

STREAM / WATERBODY CHARACTERISTICS				
Flow Stage	Dry	Flow Direction	NE	
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches	
Perceptible Flow	No	Obstruction	NA	
Channel Substrate	Cobble/Gravel,Silt/Clay	Channel Gradient	2 to 4% (1 to 2 deg) Moderate	
Is floodplain present?	no	Bankfull Width (ft)	NA	
Existing Water Width (ft)	0	Top of Bank (ft)	4.5	
Water Quality		Presumed Regulatory Authority		
Ordinary High Water Mark (ft)	1	Canopy Closure (Est.)	90 to 100%	
OHWM Indicators	Natural Line Impressed on Bank			
Water Quality Comments	No water			
Bank Substrate	Silt/Clay			
Aquatic Habitat	Overhanging Vegetation			
Observed Use	None			
Observed Fauna				
RTE Species & Evidence				
Notes				

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	2.5	25 to 35% (14 to 20 deg) Steep	High
Right Bank	2.5	25 to 35% (14 to 20 deg) Steep	High



Upstream Photo:



Downstream Photo:









CLIENT: SED PROJECT: FLAT CREEK

S-ABL-03, Intermittent

PLOT OVERVIEW				
ID	S-ABL-03	Classification	Intermittent	
Waterbody Name	Date 2022-08-16 10:34:15			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	159–183 Cunningham Rd Canajoharie Montgomery County NY 13317 US			
Location Description				
Lat. / Long. (WGS84)	42.9013926413, -74.5562392531			

STREAM / WATERBODY CHARACTERISTICS				
Flow Stage	Dry	Flow Direction	NW	
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches	
Perceptible Flow	No	Obstruction	NA	
Channel Substrate	Cobble/Gravel,Silt/Clay	Channel Gradient	2 to 4% (1 to 2 deg) Moderate	
Is floodplain present?	yes	Bankfull Width (ft)	5	
Existing Water Width (ft)	0	Top of Bank (ft)	NA	
Water Quality		Presumed Regulatory Authority		
Ordinary High Water Mark (ft)	3	Canopy Closure (Est.)	70 to 80%	
OHWM Indicators	Bed and Banks,Natural Line Impressed on Bank,Shelving			
Water Quality Comments	No water			
Bank Substrate	Silt/Clay			
Aquatic Habitat	Overhanging Vegetation, Undercut Banks			
Observed Use	None			
Observed Fauna				
RTE Species & Evidence				
Notes				

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	2.5	15 to 25% (9 to 14 deg) Steeply Sloping	High
Right Bank	2	15 to 25% (9 to 14 deg) Steeply Sloping	Moderate



Upstream Photo:



Downstream Photo:



Across Stream/Waterbody Photo:







CLIENT: SED PROJECT: FLAT CREEK

S-ABL-04, Ephemeral

PLOT OVERVIEW				
ID	S-ABL-04	Classification	Ephemeral	
Waterbody Name	Date 2022-08-17 09:57:54			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	Canajoharie Montgomery County NY 13317 US			
Location Description				
Lat. / Long. (WGS84)	42.9003148442, -74.5547007938			

STREAM / WATERBODY CHARACTERISTICS				
Flow Stage	Dry	Flow Direction	NW	
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches	
Perceptible Flow	No	Obstruction	NA	
Channel Substrate	Silt/Clay	Channel Gradient	2 to 4% (1 to 2 deg) Moderate	
Is floodplain present?	no	Bankfull Width (ft)	NA	
Existing Water Width (ft)	0	Top of Bank (ft)	2	
Water Quality		Presumed Regulatory Authority		
Ordinary High Water Mark (ft)	0.5	Canopy Closure (Est.)	10 to 20%	
OHWM Indicators	Bed and Banks			
Water Quality Comments	No water			
Bank Substrate	Silt/Clay			
Aquatic Habitat	Overhanging Vegetation			
Observed Use	None			
Observed Fauna				
RTE Species & Evidence				
Notes				

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	0.5	15 to 25% (9 to 14 deg) Steeply Sloping	Moderate
Right Bank	0.5	15 to 25% (9 to 14 deg) Steeply Sloping	Moderate



Upstream Photo:



Downstream Photo:









CLIENT: SED PROJECT: FLAT CREEK

S-ABL-05, Ephemeral

PLOT OVERVIEW				
ID	S-ABL-05	Classification	Ephemeral	
Waterbody Name	Date 2022-08-19 12:13:51			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	Canajoharie Montgomery County NY 13317 US			
Location Description				
Lat. / Long. (WGS84)	42.890888937, -74.5530313866			

STREAM / WATERBODY CHARACTERISTICS				
Flow Stage	Dry	Flow Direction	E	
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches	
Perceptible Flow	No	Obstruction	NA	
Channel Substrate	Silt/Clay	Channel Gradient	2 to 4% (1 to 2 deg) Moderate	
Is floodplain present?	yes	Bankfull Width (ft)	5	
Existing Water Width (ft)	0	Top of Bank (ft)	NA	
Water Quality		Presumed Regulatory Authority		
Ordinary High Water Mark (ft)	1	Canopy Closure (Est.)	80 to 90%	
OHWM Indicators	Bed and Banks			
Water Quality Comments	No water present			
Bank Substrate	Silt/Clay			
Aquatic Habitat	Overhanging Vegetation			
Observed Use	Drainage			
Observed Fauna				
RTE Species & Evidence				
Notes				

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	2	8 to 15% (5 to 9 deg) Moderately Sloping	Moderate
Right Bank	2	8 to 15% (5 to 9 deg) Moderately Sloping	Moderate



Upstream Photo:



Downstream Photo:









CLIENT: SED PROJECT: FLAT CREEK

S-ABL-06, Intermittent

PLOT OVERVIEW				
ID	S-ABL-06	Classification	Intermittent	
Waterbody Name	Date 2022-08-19 15:12:33			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	Canajoharie Montgomery County NY 13317 US			
Location Description				
Lat. / Long. (WGS84)	42.8900803921, -74.5555349142			

STREAM / WATERBODY CHARACTERISTICS				
Flow Stage	Dry	Flow Direction	NW	
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches	
Perceptible Flow	No	Obstruction	NA	
Channel Substrate	Cobble/Gravel	Channel Gradient	2 to 4% (1 to 2 deg) Moderate	
Is floodplain present?	yes	Bankfull Width (ft)	8	
Existing Water Width (ft)	0	Top of Bank (ft)	NA	
Water Quality		Presumed Regulatory Authority		
Ordinary High Water Mark (ft)	5.5	Canopy Closure (Est.)	90 to 100%	
OHWM Indicators	Bed and Banks,Natural	Line Impressed on Bank, Soil Charac	cter Change	
Water Quality Comments	No water			
Bank Substrate	Silt/Clay			
Aquatic Habitat	Overhanging Vegetation, Undercut Banks			
Observed Use	Drainage			
Observed Fauna				
RTE Species & Evidence				
Notes				

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	4	15 to 25% (9 to 14 deg) Steeply Sloping	Moderate
Right Bank	2	25 to 35% (14 to 20 deg) Steep	High



Upstream Photo:



Downstream Photo:









CLIENT: SED PROJECT: FLAT CREEK

S-ABL-07, Intermittent

PLOT OVERVIEW				
ID	S-ABL-07	Classification	Intermittent	
Waterbody Name	Date 2022-08-24 15:29:56			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	Canajoharie Montgomery County NY 13317 US			
Location Description				
Lat. / Long. (WGS84)	42.8940758676, -74.5529063097			

STREAM / WATERBODY CHARACTERISTICS			
Flow Stage	Dry	Flow Direction	NW
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches
Perceptible Flow	No	Obstruction	NA
Channel Substrate	Silt/Clay	Channel Gradient	< 2% (< 1 deg) Gentle
Is floodplain present?	yes	Bankfull Width (ft)	1.5
Existing Water Width (ft)	0	Top of Bank (ft)	NA
Water Quality		Presumed Regulatory Authority	
Ordinary High Water Mark (ft)	1	Canopy Closure (Est.)	50 to 60%
OHWM Indicators	Bed and Banks,Natural Line Impressed on Bank		
Water Quality Comments			
Bank Substrate	Silt/Clay		
Aquatic Habitat	Overhanging Vegetation	n	
Observed Use	Drainage		
Observed Fauna			
RTE Species & Evidence			
Notes			

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	1	15 to 25% (9 to 14 deg) Steeply Sloping	Moderate
Right Bank	1	15 to 25% (9 to 14 deg) Steeply Sloping	Moderate



Upstream Photo:



Downstream Photo:









CLIENT: SED PROJECT: FLAT CREEK

S-ABL-08, Intermittent

PLOT OVERVIEW				
ID	S-ABL-08	Classification	Intermittent	
Waterbody Name	Date 2022-08-24 14:51:12			
Evaluators	Abi Light, Ella De Bruijn			
Address (Approx.)	90–98 Carlisle Rd Canajoharie Montgomery County NY 13317 US			
Location Description				
Lat. / Long. (WGS84)	42.8897942577, -74.5585011781			

STREAM / WATERBODY C	HARACTERISTICS		
Flow Stage	Dry	Flow Direction	N
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches
Perceptible Flow	No	Obstruction	NA
Channel Substrate	Cobble/Gravel,Silt/Clay	Channel Gradient	2 to 4% (1 to 2 deg) Moderate
Is floodplain present?	no	Bankfull Width (ft)	NA
Existing Water Width (ft)	0	Top of Bank (ft)	4
Water Quality		Presumed Regulatory Authority	
Ordinary High Water Mark (ft)	3	Canopy Closure (Est.)	70 to 80%
OHWM Indicators	Bed and Banks,Natural	Line Impressed on Bank	
Water Quality Comments			
Bank Substrate	Silt/Clay		
Aquatic Habitat	Overhanging Vegetation		
Observed Use	Drainage		
Observed Fauna			
RTE Species & Evidence			
Notes			

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	1	8 to 15% (5 to 9 deg) Moderately Sloping	Moderate
Right Bank	1	8 to 15% (5 to 9 deg) Moderately Sloping	Moderate



Upstream Photo:



Downstream Photo:









STREAM AND WATERBODY INVENTORY RESOURCE: S-DJB-01

STREAM / WATERBODY OVERVIEW									
Stream/Water	ID	S-DJB-0)1		Classification	assification Ephemeral			
Stream Name		N/A			Date	ate 2021-11-19 13:55		5:04	
Address		Canajoha	rie NY 13317 l	JS,					
Location Descrip	otion								
Evaluator(s)			David Bonom	o, Giovanni Pambia	nchi				
Latitude, Longitu	ude (WGS	S84)	42.87775675	, -74.5385702833					
STREAM /	WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage			Low		Flow Direction		s		
Average Depth			1		Perceptible Flo	w	Yes		
Channel Substra	te		Silt/Clay, Sh	nale	Obstruction		NA		
Channel Gradien	nt		2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		60 to 70%		
Is floodplain pres	sent?		No	No		Bankfull Width (ft)		NA	
Probed Stream D	Depth		0 to 6 inches		Existing Water Width (ft)		1		
Top of Bank (ft)			1		Presumed Regi	Presumed Regulatory Authority		Army Corp	
Ordinary High W	ater Mark	< (ft)	1	1			Slight	ly Turbid	
OHWM Indicators	s		Scour, Natu	Scour, Natural Line Impressed on Bank, Disturbed/Washed-away Leaf Litter					
Water Quality Co	omments								
Bank Substrate(s	s)		Silt/Clay	Silt/Clay					
Aquatic Habitat(s)		Undercut Ba	Undercut Banks					
Observed Use			Drainage	Drainage					
Observed Fauna	(s)								
RTE Present?	No		RTE Specie	es & Evidence					
Bank	Bank Height (ft)			Bank Slope			Bank Erosion Potential		
LEFT BANK		1		8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping				Low	
RIGHT BANK 1			0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low			Low			
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-DJB-01 Page 2 of 3

2021-12-20







STREAM AND WATERBODY INVENTORY RESOURCE: S-DJB-02

STREAM / WATE	RBOD	Y OVERVI	EW				
Stream/Water ID	D S-DJB-02		C	Classification	Perennial		
Stream Name			C	Date	2021-11-18 16:30:20		
Address	Canajoha	rie NY 13317 l	JS,				
Location Description							
Evaluator(s)		David Bonom	o, Giovanni Pambiar	nchi			
Latitude, Longitude (WG	S84)	42.87720629	47, -74.5353477372				
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS				
Flow Stage		Low		Flow Direction		NE	
Average Depth		4		Perceptible Flow	v	Yes	
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA	
Channel Gradient		< 2% (< 1 deg) Gentle		Canopy Closure (Est.)		40 to 50%	
Is floodplain present?		Yes		Bankfull Width (ft)		8	
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		
Top of Bank (ft)		NA		Presumed Regulatory Authority		U.S. Ar	my Corp
Ordinary High Water Mar	k (ft)	6		Water Quality		Slightly	Turbid
OHWM Indicators		Natural Line Impressed on Bank, Shelving, Bed and Banks, Sediment Sorting, Deposition					
Water Quality Comments							
Bank Substrate(s)		Silt/Clay					
Aquatic Habitat(s)		Overhanging Vegetation, Riffle - Pool, Undercut Banks					
Observed Use		Drainage					
Observed Fauna(s)		Frogs					
RTE Present? No		RTE Specie	es & Evidence				
Bank I	Bank Heig	Jht (ft)	Bank Slope				Bank Erosion Potential
LEFT BANK	2		25	5 to 35% (14 to 20 deg) Steep			High
RIGHT BANK 2			8 to 15	8 to 15% (5 to 9 deg) Moderately Sloping High			High
NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM AND WATERBODY INVENTORY RESOURCE: S-DJB-03

STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-DJB-03			Cla	assification	Perennial			
Stream Name	Minor Tribs to Mohawk River, 87 260			Dat	Pate 2021-12-06 10:42:31				
Address	Canajoha	rie NY 13317 L	JS,						
Location Description									
Evaluator(s)		David Bonom	io, Abi Light						
Latitude, Longitude (WG	S84)	42.88363051	67, -74.531143833	33					
STREAM / WATE	ERBOD	Y CHARA	CTERISTICS						
Flow Stage		Low		F	low Direction		N		
Average Depth		4		Р	Perceptible Flov	v	Yes		
Channel Substrate		Bedrock		С	Obstruction		NA		
Channel Gradient		2 to 4% (1 to 2 deg) Moderate		e C	Canopy Closure (Est.)		60 to 70%		
Is floodplain present?		No		в	Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inches		E	Existing Water Width (ft)		12		
Top of Bank (ft)		15		Ρ	Presumed Regulatory Authority		U.S. A	Army Corp	
Ordinary High Water Mar	k (ft)	8		v	Vater Quality		Clear		
OHWM Indicators		Natural Line Impressed on Bank, Scour, Shelving, Bed and Banks							
Water Quality Comments	6								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Undercut Banks, Riffle - Pool							
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? No		RTE Specie	es & Evidence						
Bank I	Bank Heiç	ıht (ft)	Bank Slone			Bank Erosion Potential			
LEFT BANK	3		25			leg) Steep		Moderate	
RIGHT BANK	BANK 3 25 to			35% (14 to 20 c	leg) Steep		Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-DJB-03 Page 2 of 2

2021-12-20



STREAM AND WATERBODY INVENTORY RESOURCE: S-EES-01

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	ID S-EES-01			Classification	assification Intermittent			
Stream Name	None-tributary to Flat		t Creek	Date	2021-08-16 12:59	9:58		
Address	Carlisle R	oad Canajohar	ie New York 13317	United States,				
Location Description	1	Northwest wo	oded section					
Evaluator(s)		Ethan Snyder	r, Cory Dunning					
Latitude, Longitude ((WGS84)	42.8634802,	-74.5368482					
STREAM / W	ATERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Dry		Flow Direction		NE		
Average Depth		0		Perceptible Flow	N	No		
Channel Substrate		Boulders, C Silt/Clay	obble/Gravel,	Obstruction	Obstruction		NA	
Channel Gradient		4 to 10% (2	4 to 10% (2 to 6 deg) Steep		Canopy Closure (Est.)		70 to 80%	
Is floodplain present	?	No	No		Bankfull Width (ft)		NA	
Probed Stream Dept	h	0 to 6 inche	s	Existing Water \	Width (ft)	0		
Top of Bank (ft)		9	9		Presumed Regulatory Authority		army Corp	
Ordinary High Water	Mark (ft)	7	7			Slightl	y Turbid	
OHWM Indicators		Soil Character Change, Scour, Bed and Banks						
Water Quality Comm	ents	Water exists	Water exists in small pools throughout stream					
Bank Substrate(s)		Cobble/Gra	Cobble/Gravel, Silt/Clay					
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation, Undercut Banks, Riffle - Pool, Plunge Pools					
Observed Use		_						
Observed Fauna(s)		Salamande	Salamanders, Frogs					
RTE Present? Unk	nown	RTE Specie	es & Evidence					
Bank	Bank Heig	ıht (ft)	Bank Slope				Bank Erosion Potential	
LEFT BANK	3 >		> 35% (> 20 deg) Very Steep			Moderate		
RIGHT BANK 3			25 to 35% (14 to 20 deg) Steep Moderate					
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-01 Page 2 of 2

2021-12-20

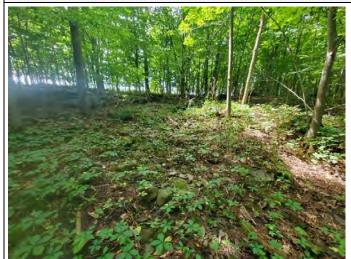


STREAM AND WATERBODY INVENTORY RESOURCE: S-EES-02

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-EES-0)2		Classification	Ephemeral			
Stream Name	None-Tr	ibutary to Fla	at Creek	Date	2021-08-16 12:49	9:56	56	
Address	Carlisle R	oad Canajohar	ie New York 13317	United States,				
Location Description	ı	Northwest wo	oded section					
Evaluator(s)		Ethan Snyder	, Cory Dunning					
Latitude, Longitude	(WGS84)	42.8632557,	-74.5366436					
STREAM / W	ATERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Dry		Flow Direction		NE		
Average Depth		0		Perceptible Flow	N	Yes		
Channel Substrate		Cobble/Gra	vel	Obstruction		NA		
Channel Gradient		2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		60 to 70%	
Is floodplain present	?	No		Bankfull Width (ft)		NA		
Probed Stream Dept	h	0 to 6 inches		Existing Water \	Existing Water Width (ft)			
Top of Bank (ft)		3		Presumed Regu	llatory Authority			
Ordinary High Water	Mark (ft)	2.5		Water Quality				
OHWM Indicators		Soil Character Change, Disturbed/Washed-away Leaf Litter, Litter and Debris						
Water Quality Comm	ents							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhanging Vegetation						
Observed Use		Drainage						
Observed Fauna(s)		Toads	Toads					
RTE Present? Unk	nown	RTE Specie	es & Evidence					
Bank	Bank Heig	ıht (ft)	Bank Slone				Bank Erosion Potential	
LEFT BANK	0.2 8 to 8% (0		8 to 8% (0	to 5 deg) Nearly Level to Gently Sloping			Low	
RIGHT BANK	IT BANK 0.2			0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low				
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-02 Page 2 of 2

2021-12-20



STREAM AND WATERBODY INVENTORY RESOURCE: S-EES-03

STREAM / WATERBODY OVERVIEW									
Stream/Water ID	ID S-EES-03			Classification	Perennial				
Stream Name	Flat Cre	ek		Date	Date 2021-08-16 14:26:49		49		
Address	Canajoha	rie New York U	Inited States,						
Location Description		Northwest wo	Jorthwest wooded section						
Evaluator(s)		Ethan Snyder	, Cory Dunning						
Latitude, Longitude (WG	S84)	42.8641534,	-74.5348456						
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Moderate		Flow Direction		N			
Average Depth		10		Perceptible Flow	N	Yes			
Channel Substrate		Shale, Cobl	ole/Gravel	Obstruction		NA			
Channel Gradient		< 2% (< 1 d	< 2% (< 1 deg) Gentle		Canopy Closure (Est.)		0 to 10%		
Is floodplain present?		Yes		Bankfull Width (ft)		70			
Probed Stream Depth		6 to 12 inch	6 to 12 inches		Existing Water Width (ft)				
Top of Bank (ft)		NA	NA		Presumed Regulatory Authority		E and State		
Ordinary High Water Ma	rk (ft)	60	60			Clear			
OHWM Indicators		Bed and Banks, Litter and Debris, Sediment Sorting							
Water Quality Comments	6								
Bank Substrate(s)		Shale							
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation, Riffle - Pool, Plunge Pools						
Observed Use									
Observed Fauna(s)		Fish, Salam	Fish, Salamanders, Frogs, Invertebrates						
RTE Present? Unknow	n	RTE Specie	es & Evidence						
Bank	Bank Heiç	ıht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	8		8 to 1	i% (5 to 9 deg) Moderately Sloping			Low		
RIGHT BANK	RIGHT BANK 7			15 to 25% (9 to 14 deg) Steeply Sloping Low			Low		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071

2021-12-20



STREAM AND WATERBODY INVENTORY RESOURCE: S-EES-3-2

CLIENT: SUNEAST

Project Name: Flat Creek Solar Project

STREAM /	WATE	RBOD	Y OVERVI	EW					
Stream/Water I	ID S-EES-3-2			Classificatio	n	Perennial			
Stream Name		Flat creek			Date		2021-08-27 13:14	4:32	
Address		836 Carlis	le Road Canaj	oharie New York 13	317 United State	es,			
Location Descript	tion								
Evaluator(s)			Isaac Pallant,	Steve Spotts					
Latitude, Longitud	de (WGS	584)	42.8503644,	-74.5212784					
STREAM /	WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage			Moderate		Flow Direction	on		N	
Average Depth			12		Perceptible F	Flow	I	Yes	
Channel Substrat	e		Cobble/Gra	vel, Silt/Clay	Obstruction			NA	
Channel Gradient			< 2% (< 1 d	eg) Gentle	Canopy Clos	Canopy Closure (Est.)		20 to 30%	
Is floodplain pres	ent?		Yes	Yes		Bankfull Width (ft)		65	
Probed Stream De	epth		12 to 24 inc	ches Existing Water Width (ft)		Vidth (ft)	56		
Top of Bank (ft)			NA	NA		Presumed Regulatory Authority		USACE and State	
Ordinary High Wa	ter Marl	k (ft)	60		Water Quality	y		Slightly	/ Turbid
OHWM Indicators			Natural Line Impressed on Bank, Matted, Bent, or Absent Vegetation, Soil Character Change, Terrestrial Vegetation Destroyed, Scour, Shelving, Bed and Banks, Deposition, Wrack						
Water Quality Cor	nments								
Bank Substrate(s))		Cobble/Gravel, Silt/Clay, Riprap						
Aquatic Habitat(s))		Aquatic Vegetation, Overhanging Vegetation, Undercut Banks, Gravel Beach Bar, Mud Bar, Riffle - Pool, Plunge Pools						
Observed Use									
Observed Fauna(s)		Fish, Snake	Fish, Snakes, Frogs, Invertebrates, rusty craw fish					
RTE Present?	Jnknown	1	RTE Specie	es & Evidence					
Bank	B	Bank Heig	ıht (ft)	t (ft)		Bank Slope			Bank Erosion Potential
LEFT BANK		8		> 35% (> 20 deg) Very Steep				High	
RIGHT BANK	ANK 5		25 to 35% (14 to 20 deg) Steep				High		
NOTES:									



Upstream Photo:



Downstream Photo:

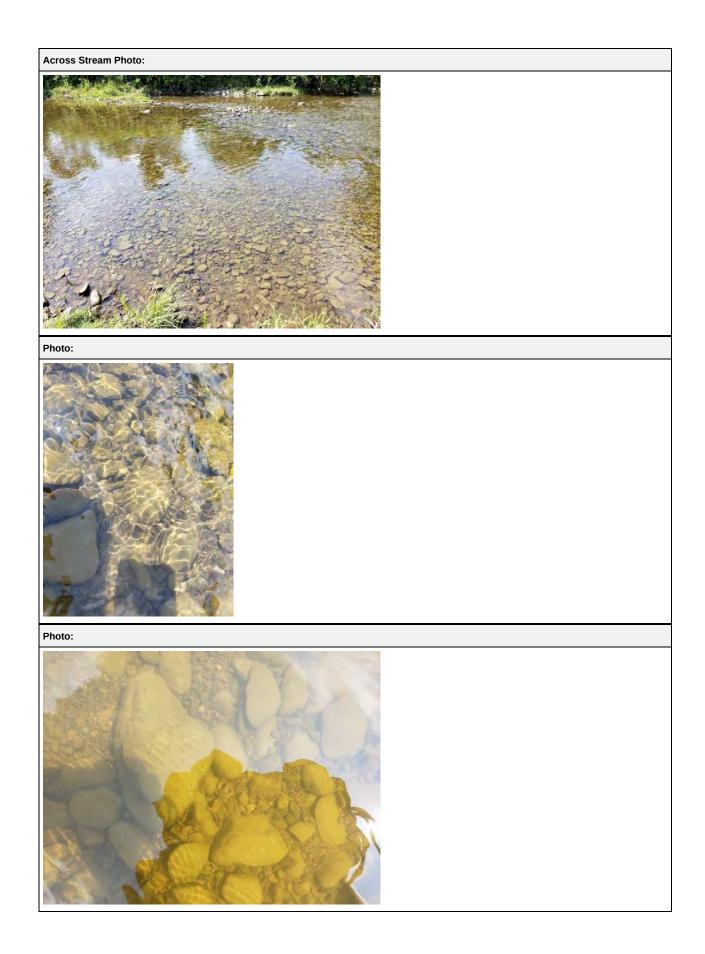


Across Stream Photo:

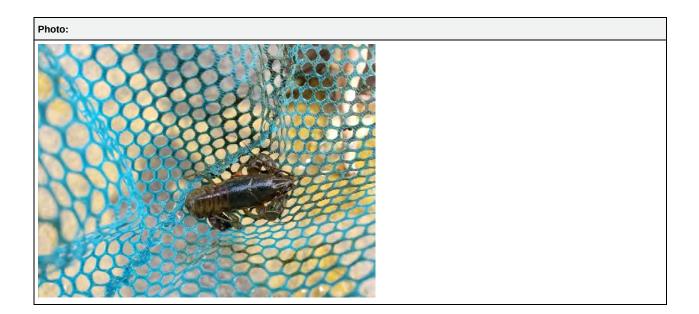




TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071











STREAM AND WATERBODY INVENTORY RESOURCE: S-EES-04

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	ID S-EES-04		(Classification	assification Intermittent			
Stream Name			C	Date	2021-08-16 15:3	2021-08-16 15:32:28		
Address	Sprakers	New York 121	66 United States,		-			
Location Description		Northwest wo	Jorthwest wooded section					
Evaluator(s)		Ethan Snyder	r, Cory Dunning					
Latitude, Longitude (V	/GS84)	42.8630288,	-74.5330882					
STREAM / WA	TERBOD	Y CHARA	CTERISTICS					
Flow Stage		Low		Flow Direction		NW		
Average Depth		2		Perceptible Flow	v	Yes		
Channel Substrate		Boulders, C	Cobble/Gravel	Obstruction		NA		
Channel Gradient		2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		60 to 70%	
Is floodplain present?		No	No		Bankfull Width (ft)		NA	
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		2	
Top of Bank (ft)		0.5		Presumed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High Water M	lark (ft)	8	8			Clear		
OHWM Indicators		Soil Character Change, Plant Community Change, Litter and Debris						
Water Quality Comme	nts							
Bank Substrate(s)		Cobble/Gra	Cobble/Gravel, Silt/Clay					
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation, Riffle - Pool					
Observed Use								
Observed Fauna(s)		Frogs, Inve	Frogs, Invertebrates					
RTE Present? Unkno	own	RTE Speci	es & Evidence					
Bank	Bank Heig	ght (ft)	Bank Slope			Bank Erosion Potential		
LEFT BANK	0.5 8 to 15		8 to 15	5% (5 to 9 deg) Moderately Sloping			Low	
RIGHT BANK 0.5			0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



CLIENT: SUNEAST

STREAM / WA	TERBOD	Y OVERVI	EW					
Stream/Water ID	S-EES-0)5		Classification	Intermittent			
Stream Name	None-tri	butary to Fla	t Creek	Date	2021-08-17 08:5	7:55		
Address	579 Carlis	le Road Canaj	oharie New York 13	317 United States,				
Location Description		Northwest wo	ooded area					
Evaluator(s)		Ethan Snyder	r, Cory Dunning					
Latitude, Longitude (W	/GS84)	42.861019, -7	74.5360856					
STREAM / WA	TERBOD	Y CHARA	CTERISTICS					
Flow Stage Moderate				Flow Direction		S		
Average Depth		1		Perceptible Flow	N	Obscu	ired	
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		Brush		
Channel Gradient	Channel Gradient 4 to 100		to 6 deg) Steep	Canopy Closure	Canopy Closure (Est.) 50		50 to 60%	
Is floodplain present? No				Bankfull Width (ft)		NA	NA	
Probed Stream Depth 0 to 6 inch			es	Existing Water V	Width (ft)	1		
Top of Bank (ft)	Top of Bank (ft) 2.5			Presumed Regu	Presumed Regulatory Authority U.S		rmy Corp	
Ordinary High Water M	ark (ft)	2		Water Quality Clear				
OHWM Indicators		Matted, Ber	nt, or Absent Vegeta	sent Vegetation, Soil Character Change, Sediment Sorting				
Water Quality Comme	nts							
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay					
Aquatic Habitat(s)		Overhangin	g Vegetation, Plunge	e Pools				
Observed Use								
Observed Fauna(s)		Frogs						
RTE Present? Unkno	wn	RTE Speci	es & Evidence					
Bank	Bank Heig	jht (ft)	Bank Slope		e		Bank Erosion Potential	
LEFT BANK	1		15 to 2	25% (9 to 14 deg) S	Steeply Sloping		Low	
RIGHT BANK	0.8 15 to 2			25% (9 to 14 deg) S	Steeply Sloping		Low	
NOTES: Hillside strea	m, undergrou	nd source						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



CLIENT: SUNEAST

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-EES-0	06		Classification	Intermittent			
Stream Name			1	Date	2021-08-17 10:38:45			
Address	579 Carlis	le Road Canaj	oharie New York 13	317 United States,	ed States,			
Location Description		Northwest wo	oded section					
Evaluator(s)		Ethan Snyder	, Cory Dunning					
Latitude, Longitude (WGS	584)	42.8599404,	2.8599404, -74.5357223					
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage		Moderate		Flow Direction		SE		
Average Depth		2		Perceptible Flov	v	Yes		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA		
Channel Gradient	nnel Gradient < 2% (< 1		eg) Gentle	Canopy Closure	e (Est.)	20 to 3	0 to 30%	
Is floodplain present? No				Bankfull Width (Bankfull Width (ft) NA			
Probed Stream Depth 0 to 6 in		0 to 6 inche	S	Existing Water W	Width (ft)	2		
Top of Bank (ft)	Top of Bank (ft) 7			Presumed Regu	Presumed Regulatory Authority U.S. A		rmy Corp	
Ordinary High Water Marl	k (ft)	5		Water Quality Slightly Turbid			y Turbid	
OHWM Indicators		Soil Charac	Soil Character Change, Plant Community Change, Shelving, Bed and Banks					
Water Quality Comments								
Bank Substrate(s)		Cobble/Gra	Cobble/Gravel, Silt/Clay					
Aquatic Habitat(s)		Aquatic Veg	jetation, Overhangin	ng Vegetation, Unde	rcut Banks, Riffle - Po	ool, Plur	ige Pools	
Observed Use								
Observed Fauna(s)		Frogs						
RTE Present? Unknown	1	RTE Specie	es & Evidence					
Bank E	Bank Heig	ıht (ft)	Bank Slope		e		Bank Erosion Potential	
LEFT BANK	3		;	> 35% (> 20 deg) Ve	ery Steep		High	
RIGHT BANK	1.5		8 to 15	5% (5 to 9 deg) Mod	lerately Sloping		Low	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-06 Page 2 of 2



CLIENT: SUNEAST

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-EES-0)7		Classification	Ephemeral			
Stream Name	None			Date	2021-08-18 12:34:52			
Address	579 Carlis	sle Road Canaj	joharie New York 13	317 United States,	ates,			
Location Description								
Evaluator(s)		Ethan Snyder	r, Cory Dunning					
Latitude, Longitude (WG	S84)	42.8592293,	-74.5386852					
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Low		Flow Direction		NE		
Average Depth		2		Perceptible Flow	v	Obscu	red	
Channel Substrate		Silt/Clay, Or	rganic	Obstruction		Brush		
Channel Gradient	nt < 2% (< 1 d		leg) Gentle	Canopy Closure	e (Est.) 0 to 10%		0 to 10%	
Is floodplain present?	floodplain present? No			Bankfull Width (ft) NA		NA	A	
Probed Stream Depth	Probed Stream Depth 0 to 6 inches			Existing Water V	Width (ft)	0.5		
Top of Bank (ft)		1.5		Presumed Regu	atory Authority U.S. Army Corp		rmy Corp	
Ordinary High Water Ma	rk (ft)	1		Water Quality Slightly Turbid			y Turbid	
OHWM Indicators		Soil Charac	ter Change, Plant Community Change					
Water Quality Comment	S							
Bank Substrate(s)		Silt/Clay	Silt/Clay					
Aquatic Habitat(s)		Aquatic Veg	getation, Overhangir	ng Vegetation				
Observed Use		Drainage						
Observed Fauna(s)		Frogs						
RTE Present? Unknow	'n	RTE Specie	es & Evidence					
Bank	Bank Heiç	ıht (ft)	Bank Slope		e		Bank Erosion Potential	
LEFT BANK	0.5		8 to 15	5% (5 to 9 deg) Mod	lerately Sloping		Low	
RIGHT BANK	0.5		8 to 15	5% (5 to 9 deg) Mod	lerately Sloping		Low	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



CLIENT: SUNEAST

			STREAM / WATERBODY OVERVIEW							
Stream/Water ID S-EES-0)8	(Classification	Intermittent						
Stream Name None-tri	butary to Fla	t Creek	Date	2021-08-17 13:54:00						
Address 119 Fish a	and Game Club	o Road Canajoharie I	New York 13317 United States,							
Location Description	Northwest wo	oded section								
Evaluator(s)	Ethan Snyder	r, Cory Dunning								
Latitude, Longitude (WGS84)	42.858754, -7	74.5361652								
STREAM / WATERBOD	Y CHARAG	CTERISTICS								
Flow Stage	Moderate		Flow Direction		NE					
Average Depth	2		Perceptible Flow	v	Yes					
Channel Substrate	Boulders, C Silt/Clay	cobble/Gravel,	Obstruction		NA	A				
Channel Gradient 2 to 4% (1		o 2 deg) Moderate	Canopy Closure (Est.)		60 to 70%					
Is floodplain present? No			Bankfull Width (ft) NA		NA	۰.				
Probed Stream Depth	0 to 6 inche	S	Existing Water V	Existing Water Width (ft) 2						
Top of Bank (ft)	4.5		Presumed Regulatory Authority U.S.		U.S. A	rmy Corp				
Ordinary High Water Mark (ft)	3		Water Quality Slightly T			y Turbid				
OHWM Indicators	Matted, Ber	, Bent, or Absent Vegetation, Soil Character Change, Bed and Banks								
Water Quality Comments										
Bank Substrate(s)	Cobble/Gra	vel, Silt/Clay								
Aquatic Habitat(s)	Aquatic Veg	getation, Riffle - Pool	, Plunge Pools							
Observed Use	Drainage									
Observed Fauna(s)	Salamande	rs, Frogs								
RTE Present? Unknown	RTE Specie	es & Evidence								
Bank Bank Heig	jht (ft)	Bank Slope				Bank Erosion Potential				
LEFT BANK 1.5		15 to 2	25% (9 to 14 deg) S	teeply Sloping		Low				
RIGHT BANK 1	BANK 1 15 to			teeply Sloping		Low				
NOTES:										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-08 Page 2 of 2



CLIENT: SUNEAST Project Name: Flat Creek Solar Project

STREAM / WATE	STREAM / WATERBODY OVERVIEW							
Stream/Water ID	S-EES-0)9		Classification	Ephemeral			
Stream Name	None			Date	2021-08-19 14:36:16			
Address	Canajoha	rie New York U	nited States,					
Location Description								
Evaluator(s)		Ethan Snyder	r, Cory Dunning					
Latitude, Longitude (WG	S84)	42.8521863,	74.5411782					
STREAM / WATE	ERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Moderate		Flow Direction		NE		
Average Depth		3		Perceptible Flow	N	Obscu	ired	
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		Brush		
Channel Gradient	adient 2 to 4% (1		o 2 deg) Moderate	Canopy Closure	e (Est.)	20 to 30%		
Is floodplain present?	Is floodplain present? No			Bankfull Width (ft) NA		NA	٩	
Probed Stream Depth		0 to 6 inche	S	Existing Water \	Width (ft)	1		
Top of Bank (ft)		1.5		Presumed Regu	latory Authority			
Ordinary High Water Mar	k (ft)	1		Water Quality	Water Quality Slightly Turbid			
OHWM Indicators		Matted, Ber	it, or Absent Vegeta	tation, Soil Character Change				
Water Quality Comments	6							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Aquatic Veg	etation, Overhangir	ng Vegetation, Plung	ge Pools			
Observed Use		Drainage						
Observed Fauna(s)		Frogs						
RTE Present? Unknow	n	RTE Specie	es & Evidence					
Bank	Bank Heig	Jht (ft)		e		Bank Erosion Potential		
LEFT BANK	0.5		8 to 1	5% (5 to 9 deg) Moc	lerately Sloping		Low	
RIGHT BANK	0.5		8 to 1	5% (5 to 9 deg) Moc	lerately Sloping		Low	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-09 Page 2 of 2



CLIENT: SUNEAST Project Name: Flat Creek Solar Project

STREAM / W	STREAM / WATERBODY OVERVIEW							
Stream/Water ID	S-EES-	10		Classification	Ephemeral			
Stream Name	None			Date	2021-08-26 14:42:55			
Address	Canajoha	rie New York U	Inited States,					
Location Description	Location Description Western wooded se							
Evaluator(s)	Evaluator(s) Ethan Snyde							
Latitude, Longitude (WGS84)	42.853727, -7	4.5406534					
STREAM / W	ATERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Dry		Flow Direction		SE		
Average Depth		0		Perceptible Flow	V	Obscu	red	
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		Brush		
Channel Gradient	t 2 to 4% (1 t		o 2 deg) Moderate	Canopy Closure	Canopy Closure (Est.)		60 to 70%	
Is floodplain present	s floodplain present? No			Bankfull Width (Bankfull Width (ft) NA		A	
Probed Stream Dept	Probed Stream Depth 0 to 6 inches		S	Existing Water V	Width (ft)	0		
Top of Bank (ft)		2		Presumed Regu	umed Regulatory Authority			
Ordinary High Water	Mark (ft)	1.5		Water Quality				
OHWM Indicators		Soil Charac	cter Change, Plant Community Change					
Water Quality Comm	ents							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		Drainage						
Observed Fauna(s)		Frogs						
RTE Present? Unk	nown	RTE Specie	es & Evidence					
Bank	Bank Heiç	Jht (ft)	Bank Slope			Bank Erosion Potential		
LEFT BANK	0.25		8 to 15	5% (5 to 9 deg) Mod	lerately Sloping		Low	
RIGHT BANK	0.25		8 to 15	5% (5 to 9 deg) Mod	lerately Sloping		Low	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



CLIENT: SUNEAST

STREAM / WATE	RBOD	Y OVERVI	EW				
Stream/Water ID	S-EES-1	11	(Classification	Intermittent		
Stream Name	None		ſ	Date	2021-08-25 10:47:51		
Address	718 Carlis	le Road Canaj	oharie New York 13	317 United States,			
Location Description							
Evaluator(s) Ethan Snyc			, Abi Light				
Latitude, Longitude (WGS	584)	42.8540854,	-74.5342443				
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS				
Flow Stage		Moderate		Flow Direction		E	
Average Depth		3		Perceptible Flow	v	Yes	
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA	
Channel Gradient	Channel Gradient < 2% (< 1 d		eg) Gentle	Canopy Closure	e (Est.)	70 to 8	0%
Is floodplain present? Yes				Bankfull Width (t) 7		
Probed Stream Depth 0 to 6 inches			S	Existing Water V	Width (ft)	3	
Top of Bank (ft)	Top of Bank (ft) NA			Presumed Regu	latory Authority U.S. Army Corp		
Ordinary High Water Mar	k (ft)	4		Water Quality Clear			
OHWM Indicators		Soil Charac	ter Change, Scour, E	Bed and Banks			
Water Quality Comments							
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay				
Aquatic Habitat(s)		Overhangin	g Vegetation, Under	cut Banks, Riffle - F	Pool, Plunge Pools		
Observed Use		Drainage					
Observed Fauna(s)		Fish, Frogs,	Invertebrates				
RTE Present? Unknown	1	RTE Specie	es & Evidence				
Bank E	Bank Heig	ıht (ft)	Bank Slope			Bank Erosion Potential	
LEFT BANK	1		15 to 2	25% (9 to 14 deg) S	Steeply Sloping		High
RIGHT BANK	0.5		8 to 15% (5 to 9 deg) Moderately Sloping Low			Low	
NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-11 Page 2 of 2



STREAM AND WATERBODY INVENTORY

CLIENT: SUNEAST PROJECT: FLAT CREEK SOLAR PROJECT

S-EES-12, Perennial

OVERVIEW							
ID	S-EES-12	Classification	Perennial				
Lat. / Long. (WGS84)	42.85357358, -74.53403525	Date	2024-04-09				
Evaluators	Melanie Musarra						
Address (Approx.)	Canajoharie Montgomery County N	Y 13317 US					
Location Description	Within hemlock forest.						
Waterbody Name (NHD)							

STREAM / WATERBODY CHARACTERISTICS									
Flow Stage	High	Flow Direction	NE						
Average Depth (in.)	3	Probed Stream Depth	0 to 6 inches						
Perceptible Flow	Yes	Obstruction	NA						
Channel Substrate	Cobble/Gravel (95%), Silt/Clay (5%)	Channel Gradient	< 2% (< 1 deg) Gentle						
Is floodplain present?	No	Bankfull Width (ft)	NA						
Existing Water Width (ft)	5	Top of Bank (ft)	1						
Ordinary High Water Mark (ft)	5	Canopy Closure (Est.)	70 to 80%						
OHWM Indicators	Bed and Banks,Matted, Bank,Plant Community	Bent, or Absent Vegetation,N Change	atural Line Impressed on						
Water Quality	Clear	Water Quality Comments							
Aquatic Habitat	Overhanging Vegetatior	n,Riffle - Pool							
Observed Use	Drainage								
Observed Fauna	Ephemeroptera (Mayflies),Gerridae (water striders),Plecoptera (Stoneflies),Salamanders,Snails								
RTE Species & Evidence									
Notes									

BANK PROPERTY	LEFT BANK	RIGHT BANK
HEIGHT (ft)	6	0.5
SLOPE	25 to 35% (14 to 20 deg) Steep	0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping
EROSION POTENTIAL	High	Low
SUBSTRATE	Cobble/Gravel,Organic,Silt/Clay	



PHOTOS

Upstream Photo:



Downstream Photo:







CLIENT: SUNEAST

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-EES-1	L3	(Classification	Ephemeral			
Stream Name	None		1	Date	2021-08-25 13:40:57			
Address	718 Carlis	le Road Canaj	oharie New York 13	317 United States,				
Location Description	Location Description							
Evaluator(s) Ethan Snyd			r, Abi Light					
Latitude, Longitude (WG	S84)	42.8532485,	-74.5335849					
STREAM / WATERBODY CHARACTERISTICS								
Flow Stage		Low		Flow Direction		W		
Average Depth		0.5		Perceptible Flov	v	Yes		
Channel Substrate		Silt/Clay		Obstruction		NA		
Channel Gradient	Gradient < 2% (< 1 c		eg) Gentle	Canopy Closure	e (Est.)	60 to 7	60 to 70%	
Is floodplain present? No			Bankfull Width (ft) NA		NA	IA		
Probed Stream Depth	Probed Stream Depth 0 to 6 inche		s	Existing Water W	Vidth (ft)	0.5		
Top of Bank (ft)	Top of Bank (ft) 4			Presumed Regulatory Authority				
Ordinary High Water Mar	k (ft)	1.5		Water Quality Clear				
OHWM Indicators		Soil Charac	acter Change, Plant Community Change, Bed and Banks					
Water Quality Comments	i							
Bank Substrate(s)		Silt/Clay	/Clay					
Aquatic Habitat(s)		Aquatic Veg	etation, Plunge Poo	ls				
Observed Use								
Observed Fauna(s)		Frogs, Toad	ls					
RTE Present? Unknown	ı	RTE Specie	es & Evidence					
Bank I	Bank Heig	ıht (ft)	Bank Slope		e		Bank Erosion Potential	
LEFT BANK	2		15 to 2	25% (9 to 14 deg) S	25% (9 to 14 deg) Steeply Sloping		Low	
RIGHT BANK	2 15 to 2			25% (9 to 14 deg) S	teeply Sloping		Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-13 Page 2 of 2



CLIENT: SUNEAST

STREAM / WAT	ERBOD	Y OVERVI	EW					
Stream/Water ID	S-EES-1	L4		Classification	Ephemeral			
Stream Name	None			Date	2021-08-26 09:07:10			
Address	718 Carlis	le Road Canaj	joharie New York 13	317 United States,				
Location Description		Western woo	ded area					
Evaluator(s)	Evaluator(s) Ethan Snyde							
Latitude, Longitude (WG	Latitude, Longitude (WGS84) 42.8540764, -74							
STREAM / WATERBODY CHARACTERISTICS								
Flow Stage Dry				Flow Direction		NE		
Average Depth		0		Perceptible Flow	N	No		
Channel Substrate	ate Silt/Clay			Obstruction		NA		
Channel Gradient	1t 2 to 4% (1 t		o 2 deg) Moderate	Canopy Closure	nopy Closure (Est.)		60 to 70%	
Is floodplain present?	plain present? No			Bankfull Width (ft)		NA	NA	
Probed Stream Depth	tream Depth 0 to 6 inches			Existing Water \	Existing Water Width (ft) 0			
Top of Bank (ft)		3		Presumed Regu	gulatory Authority			
Ordinary High Water Ma	rk (ft)	1		Water Quality				
OHWM Indicators		Matted, Ber	nt, or Absent Vegeta	etation, Soil Character Change, Scour				
Water Quality Comments	6	No water						
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		Drainage						
Observed Fauna(s)								
RTE Present? Unknow	n	RTE Specie	es & Evidence					
Bank	Bank Heig	ıht (ft)	Bank Slope				Bank Erosion Potential	
LEFT BANK	1		8 to 15	5% (5 to 9 deg) Mod	lerately Sloping		Low	
RIGHT BANK	1.5		15 to 1	25% (9 to 14 deg) S	Steeply Sloping		Low	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-14 Page 2 of 2



CLIENT: SUNEAST

STREAM / WATERBODY OVERVIEW									
Stream/Water	ID S-EES-15			Classificat	lassification Ephe		Ephemeral		
Stream Name		None			Date	Date 2021-08-30 16:		14:23	
Address		718 Carlis	ile Road Canaj	oharie New York 13	3317 United S	itates,			
Location Descrip	otion		Southwest wo	ooded area					
Evaluator(s)			Ethan Snyder	, Abi Light					
Latitude, Longitu	ude (WGS	584)	42.8533176,	-74.5354862					
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage			Dry		Flow Dire	ction		SE	
Average Depth			0		Perceptib	le Flow	v	Obscu	ired
Channel Substra	te		Silt/Clay		Obstructio	on		Brush	
Channel Gradien	nt		< 2% (< 1 d	(< 1 deg) Gentle		Canopy Closure (Est.)		50 to 60%	
Is floodplain pres	sent?		No		Bankfull Width (ft)		NA		
Probed Stream D	Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		0	
Top of Bank (ft)			1.5	, Pres		Presumed Regulatory Authority			
Ordinary High Wa	ater Mark	< (ft)	1	Water Quality					
OHWM Indicators	s		Soil Charac	Soil Character Change, Plant Community Change					
Water Quality Co	omments								
Bank Substrate(s	s)		Silt/Clay						
Aquatic Habitat(s	s)		Overhanging Vegetation						
Observed Use			Drainage						
Observed Fauna	(s)		Frogs, Toad	Frogs, Toads					
RTE Present?	Unknown	l	RTE Specie	es & Evidence					
Bank	В	Bank Height (ft)			Bank Slope				Bank Erosion Potential
LEFT BANK	0.25			8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping				Low	
RIGHT BANK	0.25			0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-15 Page 2 of 2



CLIENT: SUNEAST Project Name: Flat Creek Solar Project

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-EES-1	.6		Classification	Ephemeral			
Stream Name	None			Date	2021-09-13 15:53	3:25		
Address	Flat Creek	NY US,						
Location Description		Northcentral a	area					
Evaluator(s)		Ethan Snyder	, Brian Corrigan					
Latitude, Longitude (WGS	584)	42.8454045, -	74.5008048					
STREAM / WATE	RBOD	(CHARAG	CTERISTICS					
Flow Stage		Dry		Flow Direction		SW		
Average Depth		0		Perceptible Flow	N	Yes		
Channel Substrate		Silt/Clay		Obstruction		NA		
Channel Gradient		2 to 4% (1 to 2 deg) Moderate		Canopy Closure	Canopy Closure (Est.)		0%	
Is floodplain present?	No		Bankfull Width (ft)		NA			
Probed Stream Depth		0 to 6 inches		Existing Water \	Existing Water Width (ft)			
Top of Bank (ft)		11		Presumed Regu	Presumed Regulatory Authority			
Ordinary High Water Marl	k (ft)	5.5		Water Quality				
OHWM Indicators		Soil Character Change, Plant Community Change						
Water Quality Comments								
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhanging Vegetation						
Observed Use		Drainage						
Observed Fauna(s)		Frogs	Frogs					
RTE Present? Unknown	ı	RTE Specie	es & Evidence					
Bank E	Bank Height (ft)			Bank Slope			Bank Erosion Potential	
LEFT BANK	1.5		15 to	15 to 25% (9 to 14 deg) Steeply Sloping			Moderate	
RIGHT BANK	HT BANK 1.5			8 to 15% (5 to 9 deg) Moderately Sloping Moderate				
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-16 Page 2 of 2



CLIENT: SUNEAST Project Name: Flat Creek Solar Project

STREAM / WATERBODY OVERVIEW									
Stream/Water ID	ID S-EES-17			Classification	fication Ephemeral				
Stream Name	None			Date	2021-09-14 08:05:12				
Address	Flat Creek	NY US,							
Location Description		Central wood	entral wooded area north of Flat Creek						
Evaluator(s)		Ethan Snyder	Ethan Snyder, Brian Corrigan						
Latitude, Longitude (WGS	584)	42.8457023, -	74.5015003						
STREAM / WATE	RBOD	(CHARAG	CTERISTICS						
Flow Stage		Dry		Flow Direction		s			
Average Depth		0		Perceptible Flow	v	Yes			
Channel Substrate		Boulders, C Silt/Clay	rs, Cobble/Gravel, y Obstruction			NA			
Channel Gradient		2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		30 to 40%			
Is floodplain present?		No		Bankfull Width (ft)		NA			
Probed Stream Depth		0 to 6 inches		Existing Water V	Width (ft)	0			
Top of Bank (ft)		8		Presumed Regu	latory Authority				
Ordinary High Water Mark	< (ft)	1	Water Quality						
OHWM Indicators		Soil Character Change, Plant Community Change							
Water Quality Comments		Small puddles throughout channel							
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhanging Vegetation, Riffle - Pool, Plunge Pools							
Observed Use		Drainage							
Observed Fauna(s)		Frogs	Frogs						
RTE Present? Unknown	1	RTE Specie	es & Evidence						
Bank B	Bank Heig	ht (ft)		Bank Slope			Bank Erosion Potential		
LEFT BANK	NK 1.5 8 to			.5% (5 to 9 deg) Moderately Sloping			Moderate		
RIGHT BANK 1.5			8 to 1	5% (5 to 9 deg) Mod	lerately Sloping		Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-17 Page 2 of 2



CLIENT: SUNEAST Project Name: Flat Creek Solar Project

STREAM / WATERBODY OVERVIEW									
Stream/Water ID S	S-EES-18	8		Classification	Ephemeral				
Stream Name	None			Date	2021-09-14 08:2	:25:58			
Address F	-lat Creek	NY US,							
Location Description		Central woode	ed area north of Fla	t Creek					
Evaluator(s)		Ethan Snyder	ithan Snyder, Brian Corrigan						
Latitude, Longitude (WGS8	34)	42.8459332, -	74.5029105						
STREAM / WATER	RBODY	CHARAC	CTERISTICS						
Flow Stage		Dry		Flow Direction		S			
Average Depth		0		Perceptible Flov	v	No			
Channel Substrate		Boulders, C Silt/Clay	Cobble/Gravel, Obstruction			NA			
Channel Gradient		2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		30 to 40%			
Is floodplain present?	No		Bankfull Width (ft)		NA				
Probed Stream Depth		0 to 6 inches		Existing Water Width (ft)		0			
Top of Bank (ft)		4		Presumed Regu	latory Authority				
Ordinary High Water Mark ((ft)	0.75		Water Quality	ty				
OHWM Indicators		Soil Character Change, Plant Community Change, Sediment Sorting							
Water Quality Comments									
Bank Substrate(s)		Cobble/Gravel, Silt/Clay							
Aquatic Habitat(s)		Aquatic Vegetation, Plunge Pools							
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknown		RTE Species & Evidence							
Bank Ba	ank Heigh	ht (ft)		Bank Slope			Bank Erosion Potential		
LEFT BANK	1		15 to 25% (9 to 14 deg) Steeply Sloping				Moderate		
RIGHT BANK 1			15 to 25% (9 to 14 deg) Steeply Sloping Moderate						
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-18 Page 2 of 2



CLIENT: SUNEAST

STREAM / WATERBODY OVERVIEW									
Stream/Water II	ID S-EES-19				Classification	Ephemeral			
Stream Name	Ν	None			Date	Date 2021-09-14 08:39		:36	
Address	2	235 Flat Cr	reek Road Sp	rakers New York 12	166 United States,				
Location Descripti	ion								
Evaluator(s)			Ethan Snyder	, Brian Corrigan					
Latitude, Longitud	le (WGS8	34)	42.8462246, -	-74.5039191					
STREAM / \	WATEF	RBODY	CHARAG	CTERISTICS					
Flow Stage			Dry		Flow Direction		S		
Average Depth			0		Perceptible Flow	N	Yes		
Channel Substrate	e		Boulders, C Silt/Clay	obble/Gravel,	Obstruction	Obstruction		NA	
Channel Gradient			4 to 10% (2 to 6 deg) Steep		Canopy Closure (Est.)		30 to 40%		
Is floodplain prese	ent?		No		Bankfull Width (ft)		NA		
Probed Stream De	epth		0 to 6 inches		Existing Water V	Existing Water Width (ft)			
Top of Bank (ft)			7		Presumed Regu	Presumed Regulatory Authority			
Ordinary High Wat	ter Mark ((ft)	1.5 Water Quality						
OHWM Indicators			Soil Character Change, Plant Community Change, Bed and Banks, Sediment Sorting						
Water Quality Con	nments								
Bank Substrate(s)			Cobble/Gravel, Silt/Clay						
Aquatic Habitat(s)			Overhanging Vegetation, Plunge Pools						
Observed Use			Drainage						
Observed Fauna(s	5)		Toads						
RTE Present? U	Inknown		RTE Specie	es & Evidence					
Bank	Ва	ank Height (ft)			Bank Slope			Bank Erosion Potential	
LEFT BANK	FT BANK 1		15 to 25% (9 to 14 deg) Steeply Sloping				Moderate		
RIGHT BANK 1				15 to 25% (9 to 14 deg) Steeply Sloping Moderate					
NOTES:	NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



CLIENT: SUNEAST

STREAM / WATERBODY OVERVIEW									
Stream/Water I	ID S-EES-20			Classification	Ephemeral				
Stream Name		None			Date	2021-09-14 13:2	5:31		
Address		247 Flat C	reek Road Sp	rakers New York 12	2166 United States,				
Location Descript	tion								
Evaluator(s)			Ethan Snyder	, Brian Corrigan					
Latitude, Longitud	de (WGS	584)	42.8435263, -	74.4951004					
STREAM /	WATE	RBOD	(CHARAG	CTERISTICS					
Flow Stage			Low		Flow Direction		SW		
Average Depth			2		Perceptible Flor	N	Yes		
Channel Substrat	e		Cobble/Grav	vel, Silt/Clay	Obstruction		NA		
Channel Gradient	1		< 2% (< 1 d	deg) Gentle Canopy Closure (Est.)		0 to 10%			
Is floodplain pres	ent?		No	Bankfull Width (ft)		(ft)	NA		
Probed Stream De	epth		0 to 6 inches		Existing Water	Existing Water Width (ft)			
Top of Bank (ft)			2		Presumed Regu	Presumed Regulatory Authority			
Ordinary High Wa	ter Mark	k (ft)	1.75	1.75 Water Quality			Slight	ly Turbid	
OHWM Indicators	;		Soil Character Change, Plant Community Change, Bed and Banks						
Water Quality Cor	mments								
Bank Substrate(s))		Silt/Clay						
Aquatic Habitat(s))		Overhanging Vegetation, Riffle - Pool, Plunge Pools						
Observed Use			Drainage						
Observed Fauna(s)		Frogs, Inver	Frogs, Invertebrates					
RTE Present?	Jnknown	1	RTE Specie	es & Evidence					
Bank	Bank Height (ft)			Bank Slope			Bank Erosion Potential		
LEFT BANK	EFT BANK 0.75 8			8 to 1	to 15% (5 to 9 deg) Moderately Sloping			Low	
RIGHT BANK 0.75			8 to 15% (5 to 9 deg) Moderately Sloping Low						
NOTES: stream flows downhill through cornfield. has been disturbed in parts by agriculture activity.									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



CLIENT: SUNEAST

STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-EES-2	21		Classification	assification Intermittent			
Stream Name	None-tri	butary to Fla	t Creek	Date	Date 2021-09-15 09:09):49	
Address	486 Flat C	reek Road Sp	rakers New York 12	166 United States,				
Location Description								
Evaluator(s)		Ethan Snyder	, Brian Corrigan					
Latitude, Longitude (WC	S84)	42.8433251,	-74.4994511					
STREAM / WATERBODY CHARACTERISTICS								
Flow Stage		Low		Flow Direction		SW		
Average Depth		1		Perceptible Flo	w	Yes		
Channel Substrate		Boulders, C	obble/Gravel	Obstruction		NA		
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closur	Canopy Closure (Est.)		50 to 60%	
Is floodplain present?		No		Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		0.5	
Top of Bank (ft)		11		Presumed Regi	Presumed Regulatory Authority		Army Corp	
Ordinary High Water Ma	rk (ft)	2	Water Quality			Slight	ly Turbid	
OHWM Indicators		Scour, Shelving, Bed and Banks						
Water Quality Comment	s							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhanging Vegetation, Undercut Banks, Plunge Pools						
Observed Use		Drainage						
Observed Fauna(s)		Frogs	Frogs					
RTE Present? Unknow	<i>i</i> n	RTE Specie	es & Evidence					
Bank	Bank Heig	ıht (ft)		Bank Slope			Bank Erosion Potential	
LEFT BANK	6		15 to 25% (9 to 14 deg) Steeply Sloping				Moderate	
RIGHT BANK	4.5		8 to 15% (5 to 9 deg) Moderately Sloping Moderate					
NOTES: most likely par	t of stream S	S-EES-20						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-21 Page 2 of 2



CLIENT: SUNEAST Project Name: Flat Creek Solar Project

STREAM / WATERBODY OVERVIEW								
Stream/Water ID S-EES-2	ID S-EES-22			Intermittent				
Stream Name None-tri	None-tributary to Flat Creek			2021-09-15 10:29				
Address Sprakers	NY 12166 US,							
Location Description								
Evaluator(s)	Ethan Snyder	Ethan Snyder, Brian Corrigan						
Latitude, Longitude (WGS84)	42.8423478, -	74.497915						
STREAM / WATERBOD	Y CHARAC	CTERISTICS						
Flow Stage	Low		Flow Direction		SW			
Average Depth	2		Perceptible Flow	N	Yes			
Channel Substrate	Boulders, C Silt/Clay	obble/Gravel,	Obstruction		NA			
Channel Gradient	2 to 4% (1 to 2 deg) Moderate		Canopy Closure	Canopy Closure (Est.)		60%		
Is floodplain present?	No	No		Bankfull Width (ft)		NA		
Probed Stream Depth	0 to 6 inches	0 to 6 inches		Existing Water Width (ft)				
Top of Bank (ft)	8		Presumed Regu	Presumed Regulatory Authority		Army Corp		
Ordinary High Water Mark (ft)	5	5			Clear			
OHWM Indicators	Soil Charact	Soil Character Change, Disturbed/Washed-away Leaf Litter, Scour, Bed and Banks						
Water Quality Comments								
Bank Substrate(s)	Boulders, C	Boulders, Cobble/Gravel, Silt/Clay						
Aquatic Habitat(s)	Overhanging	Overhanging Vegetation, Undercut Banks, Riffle - Pool, Plunge Pools						
Observed Use								
Observed Fauna(s)	Frogs, Toad	Frogs, Toads, newts						
RTE Present? Unknown	RTE Specie	es & Evidence						
Bank Bank Heig	ıht (ft)		Bank Slope			Bank Erosion Potential		
LEFT BANK 3	к 3		15 to 25% (9 to 14 deg) Steeply Sloping			Moderate		
RIGHT BANK 2.5	8 to 15% (5 to 9 deg) Moderately Sloping Low							
NOTES:	NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM	/ WATE	RBOD	YOVERVI	EW						
Stream/Water	' ID	S-EES-2	23		Cla	assification	Ephemeral			
Stream Name	!	None			Da	te	2021-09-16 09:5	6:00		
Address		Sprakers	NY 12166 US,							
Location Descri	ption									
Evaluator(s)			Ethan Snyder	Ethan Snyder, Brian Corrigan						
Latitude, Longit	ude (WG	S84)	42.8414927,	2.8414927, -74.4957491						
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage		Moderate		F	-low Direction		W			
Average Depth		2		F	Perceptible Flov	v	Yes			
Channel Substra	ate		Cobble/Gra	vel, Silt/Clay	C	Obstruction		NA		
Channel Gradient			2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		60 to ⁻	70%	
Is floodplain present?			No	No		Bankfull Width (ft)		NA	NA	
Probed Stream I	Depth		0 to 6 inche	0 to 6 inches		Existing Water V	Vidth (ft)	1		
Top of Bank (ft)			3	3		Presumed Regu	latory Authority			
Ordinary High W	/ater Mar	k (ft)	2		`	Nater Quality		Slight	ly Turbid	
OHWM Indicator	rs		Soil Charac	Soil Character Change, Bed and Banks, Sediment Sorting						
Water Quality Co	omments									
Bank Substrate((s)		Silt/Clay							
Aquatic Habitat((s)		fallen logs i	n stream						
Observed Use										
Observed Fauna	a(s)		Frogs							
RTE Present? Unknown RTE S				es & Evidence						
Bank Bank Height (ft)						Bank Slop	e		Bank Erosion Potential	
LEFT BANK 0.5				8 to 8% (0	to 5	i deg) Nearly Lev	el to Gently Sloping		Low	
RIGHT BANK 0.5				0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low						
NOTES:	TES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-23 Page 2 of 2



STREAM / WATE	RBOD		EW						
Stream/Water ID	S-EES-2	24		Classification	Intermittent				
Stream Name	None-trik	outary to Fla	t Creek	Date	2021-09-16 09:3	5:47			
Address	Sprakers N	NY 12166 US,							
Location Description									
Evaluator(s)		Ethan Snyder	r, Brian Corrigan						
Latitude, Longitude (WGS	84)	42.8420073, -	2.8420073, -74.4945292						
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage		Moderate		Flow Direction		SW			
Average Depth	3		Perceptible Flo	w	Yes				
Channel Substrate		Boulders, C Silt/Clay	obble/Gravel,	Obstruction		NA			
Channel Gradient		2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		70%		
Is floodplain present?		No		Bankfull Width	Bankfull Width (ft)				
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Width (ft)	3.5			
Top of Bank (ft)		8		Presumed Regu	ulatory Authority	USAC	E and State		
Ordinary High Water Mark	: (ft)	5	5 Water Quality			Slight	y Turbid		
OHWM Indicators		Soil Charac	Soil Character Change, Scour, Bed and Banks, Sediment Sorting						
Water Quality Comments									
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Unde	ercut Banks, Riffle - I	Pool, Plunge Pools				
Observed Use		Drainage							
Observed Fauna(s)		Frogs, Inver	rtebrates						
RTE Present? Unknown		RTE Specie	es & Evidence						
Bank Bank Height (ft)				Bank Slope			Bank Erosion Potential		
LEFT BANK 1 8 to 15% (5 to 9 deg) Moderately				derately Sloping		Low			
RIGHT BANK	1		15 to	25% (9 to 14 deg) S	Steeply Sloping		Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-24 Page 2 of 2



CLIENT: SUNEAST

Project Name: Flat Creek Solar Project

STREAM / WATE	ERBOD	Y OVERVI	EW						
Stream/Water ID	S-EES-2	25		Classification	Ephemeral				
Stream Name	None			Date	2021-09-16 12:3	0:04			
Address	467 Flat C	Creek Road Sp	rakers New York 12	2166 United States,					
Location Description									
Evaluator(s)		Ethan Snyder	than Snyder, Brian Corrigan						
Latitude, Longitude (WG	S84)	42.8430712,	2.8430712, -74.4976617						
STREAM / WATE	ERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Moderate		Flow Direction		s			
Average Depth		1		Perceptible Flow	N	Obscu	ired		
Channel Substrate		Boulders, C	obble/Gravel	Obstruction		Brush			
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure	Canopy Closure (Est.)		20%		
Is floodplain present?	No		Bankfull Width (ft)		NA	NA			
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Width (ft)	1			
Top of Bank (ft)		7		Presumed Regu	latory Authority				
Ordinary High Water Mar	k (ft)	3			Clear				
OHWM Indicators		Soil Charac	Soil Character Change, Terrestrial Vegetation Destroyed, Bed and Banks						
Water Quality Comments	;								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Unde	rcut Banks, Riffle - F	Pool				
Observed Use		Drainage							
Observed Fauna(s)		Frogs							
RTE Present? Unknow	ı	RTE Specie	es & Evidence						
Bank Bank Height (ft)				Bank Slop	e		Bank Erosion Potential		
LEFT BANK 3 1!				to 25% (9 to 14 deg) Steeply Sloping			Moderate		
RIGHT BANK	2.5		15 to	25% (9 to 14 deg) S	Steeply Sloping		Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-25 Page 2 of 2



STREAM / WATE	ERBOD	Y OVERVI	EW						
Stream/Water ID	S-EES-2	26	c	Classification	Intermittent				
Stream Name			C	Date	2021-09-17 10:0	1:56			
Address	Ames Nev	w York 13317 l	Jnited States,						
Location Description									
Evaluator(s)		Ethan Snyder	Ethan Snyder, Brian Corrigan						
Latitude, Longitude (WG	S84)	42.8319741,	2.8319741, -74.5053892						
STREAM / WATE	ERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Moderate		Flow Direction		NW			
Average Depth		2		Perceptible Flov	v	Yes			
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA			
Channel Gradient		2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		0%		
Is floodplain present?		No		Bankfull Width (ft)		NA			
Probed Stream Depth		0 to 6 inches		Existing Water W	Vidth (ft)	1			
Top of Bank (ft)		6		Presumed Regu	latory Authority	USACE	and State		
Ordinary High Water Mar	k (ft)	2.5		Water Quality		Clear			
OHWM Indicators		Soil Charac	Soil Character Change, Scour, Bed and Banks						
Water Quality Comments	;								
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay						
Aquatic Habitat(s)		Aquatic Veg	getation, Overhanging	y Vegetation, Riffle	- Pool				
Observed Use									
Observed Fauna(s)		Frogs, Toad	ls, newts						
RTE Present? Unknow	ı	RTE Specie	es & Evidence						
Bank Bank Height (ft)				Bank Slop	e		Bank Erosion Potential		
LEFT BANK 0.75			15 to 2	15 to 25% (9 to 14 deg) Steeply Sloping			High		
RIGHT BANK 0.75			8 to 15% (5 to 9 deg) Moderately Sloping Moderate				Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-26 Page 2 of 2



STREAM / WATE	RBOD	Y OVERVI	EW						
Stream/Water ID					Intermittent				
Stream Name	None			Date	2021-09-20 12:3	2:18			
Address	Ames Nev	w York 13317 U	Jnited States,						
Location Description									
Evaluator(s)		Ethan Snyder	than Snyder, Abi Light						
Latitude, Longitude (WG	S84)	42.8327494,	2.8327494, -74.5057665						
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage		Dry		Flow Direction		SE			
Average Depth		0		Perceptible Flow	N	Yes			
Channel Substrate		Boulders, C Silt/Clay	obble/Gravel,	Obstruction		NA			
Channel Gradient	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		60 to 7	60 to 70%			
Is floodplain present?	No	No		(ft)	NA				
Probed Stream Depth		0 to 6 inche	S	Existing Water \	Width (ft)	0			
Top of Bank (ft)		10		Presumed Regu	latory Authority	U.S. A	rmy Corp		
Ordinary High Water Mar	k (ft)	5		Water Quality					
OHWM Indicators		Soil Charac	Soil Character Change, Disturbed/Washed-away Leaf Litter, Scour						
Water Quality Comments	i								
Bank Substrate(s)		Silt/Clay, Or	rganic						
Aquatic Habitat(s)		Overhangin	g Vegetation, Unde	ercut Banks, Riffle - F	Pool, Plunge Pools				
Observed Use									
Observed Fauna(s)		Frogs, Toad	ls						
RTE Present? Unknown RTE Species & Evide									
Bank Bank Height (ft)				Bank Slope			Bank Erosion Potential		
LEFT BANK 3 15			15 to	25% (9 to 14 deg) S	Steeply Sloping		Moderate		
RIGHT BANK 3				25% (9 to 14 deg) S	Steeply Sloping		Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / \	WATERBOD	Y OVERVI	EW							
Stream/Water II	D S-EES-	28		Classification	Intermittent					
Stream Name	None-tr	butary to Fla	ıt Creek	Date	2021-09-20 12:18	8:40				
Address	Ames Ne	w York 13317 l	Jnited States,							
Location Descripti	ion									
Evaluator(s)		Ethan Snyder	Ethan Snyder, Abi Light							
Latitude, Longitud	le (WGS84)	42.8336491,	42.8336491, -74.5046265							
STREAM / \	WATERBOD	Y CHARA	CTERISTICS							
Flow Stage		Moderate		Flow Direction		N				
Average Depth		2		Perceptible Flow	N	Yes				
Channel Substrate	9	Boulders, C Silt/Clay	obble/Gravel,	Obstruction		NA				
Channel Gradient		< 2% (< 1 d	< 2% (< 1 deg) Gentle		Canopy Closure (Est.)		70%			
Is floodplain prese	ent?	No	No		Bankfull Width (ft)					
Probed Stream De	pth	0 to 6 inche	0 to 6 inches		Width (ft)	1				
Top of Bank (ft)		6		Presumed Regu	latory Authority	U.S. A	Army Corp			
Ordinary High Wat	ter Mark (ft)	3.5		Water Quality		Clear				
OHWM Indicators		Soil Charac	Soil Character Change, Scour, Bed and Banks							
Water Quality Com	nments									
Bank Substrate(s)		Silt/Clay								
Aquatic Habitat(s)		Overhangin	g Vegetation, Unde	ercut Banks, Riffle - F	Pool					
Observed Use										
Observed Fauna(s	5)	Frogs								
RTE Present? U	nknown	RTE Specie	es & Evidence							
Bank Bank Height (ft)				Bank Slope			Bank Erosion Potential			
LEFT BANK 0.5 8 to 8% (0				(0 to 5 deg) Nearly Level to Gently Sloping			Low			
RIGHT BANK	2		2	25 to 35% (14 to 20 d	deg) Steep		High			
NOTES:										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-28 Page 2 of 2



STREAM / WA	FERBOD	Y OVERVI	EW						
Stream/Water ID					ification	Intermittent			
Stream Name	None-tri	butary to Fla	t Creek	Date		2021-09-21 10:0	6:44		
Address	Ames Ne	w York 13317 l	York 13317 United States,						
Location Description									
Evaluator(s)		Ethan Snyder	Ethan Snyder, Abi Light						
Latitude, Longitude (W	GS84)	42.8345639,	42.8345639, -74.5046303						
STREAM / WA	FERBOD	Y CHARA	CTERISTICS						
Flow Stage		Low		Flow	Direction		E		
Average Depth		1		Perc	eptible Flov	v	Yes		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obst	ruction		NA		
Channel Gradient		2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		60 to 7	'0%	
Is floodplain present?		No	No		Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inche	0 to 6 inches		ting Water V	Vidth (ft)	0.5		
Top of Bank (ft)		5	5		umed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High Water M	ark (ft)	3	3				Clear		
OHWM Indicators		Soil Charac	Soil Character Change, Plant Community Change, Scour, Bed and Banks						
Water Quality Commer	its								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Aquatic Veg	getation, Overhangi	ing Vege	tation, Unde	rcut Banks, Riffle - Po	ool		
Observed Use		Drainage							
Observed Fauna(s)		Frogs							
RTE Present? Unkno	wn	RTE Speci	es & Evidence						
Bank			Bank Slop	e		Bank Erosion Potential			
LEFT BANK 1			8 to 1	L5% (5 to	9 deg) Mod	lerately Sloping		Low	
RIGHT BANK 1			25 to 35% (14 to 20 deg) Steep High			High			
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WAT	ERBOD	Y OVERVI	EW						
Stream/Water ID	S-EES-	30		Classification	Ephemeral				
Stream Name				Date	2021-09-21 12:3	6:28			
Address	Ames Ne	w York 13317 l	Jnited States,						
Location Description									
Evaluator(s)		Ethan Snyder	Ethan Snyder, Abi Light						
Latitude, Longitude (We	GS84)	42.8342233,	2.8342233, -74.5032842						
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Dry		Flow Direction	I	SE			
Average Depth		0		Perceptible Flo	w	Yes			
Channel Substrate		Boulders, C Silt/Clay	obble/Gravel,	Obstruction		NA			
Channel Gradient		4 to 10% (2	to 6 deg) Steep	Canopy Closure (Est.)		20 to 3	30%		
Is floodplain present?	No		Bankfull Width	ı (ft)	NA				
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Width (ft)	0			
Top of Bank (ft)		8		Presumed Reg	ulatory Authority	U.S. A	army Corp		
Ordinary High Water Ma	urk (ft)	4	Water Quality						
OHWM Indicators			Soil Character Change, Terrestrial Vegetation Destroyed, Disturbed/Washed-away Leaf Litter, Scour, Bed and Banks						
Water Quality Commen	ts	Dry							
Bank Substrate(s)		Silt/Clay, Or	rganic						
Aquatic Habitat(s)		Undercut Ba	anks, Plunge Pools						
Observed Use									
Observed Fauna(s)		Toads							
RTE Present? Unknow	vn	RTE Specie	es & Evidence						
Bank	Bank Heig	jht (ft)		Bank Slo	ре		Bank Erosion Potential		
LEFT BANK 5			2	25 to 35% (14 to 20 deg) Steep			High		
RIGHT BANK	4		15 to	25% (9 to 14 deg)	Steeply Sloping		High		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-30 Page 2 of 2



STREAM / WATE	ERBOD	YOVERVI	EW					
Stream/Water ID	S-EES-3	31		Clas	ssification	Ephemeral		
Stream Name				Date	е	2021-09-21 12:4	7:49	
Address	Ames Nev	w York 13317 U	Jnited States,					
Location Description								
Evaluator(s)		Ethan Snyder	, Abi Light					
Latitude, Longitude (WG	S84)	42.8343446,	2.8343446, -74.5035816					
STREAM / WATE	ERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Dry		FI	ow Direction		SE	
Average Depth		Pe	erceptible Flov	v	Yes			
Channel Substrate	Boulders, C Silt/Clay	obble/Gravel,	o	bstruction		NA		
Channel Gradient	4 to 10% (2	2 to 6 deg) Steep Canopy Closu		anopy Closure	(Est.)	20 to 3	30%	
Is floodplain present?	No	E		Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inche	inches		kisting Water V	Vidth (ft)	0	
Top of Bank (ft)		12	Presumed Regulatory		latory Authority	U.S. A	Army Corp	
Ordinary High Water Mar	k (ft)	8	Water Quality					
OHWM Indicators		Matted, Ber Banks	Matted, Bent, or Absent Vegetation, Soil Character Change, Plant Community Change, Scour, Bed and Banks					
Water Quality Comments	5	Dry						
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay, Organ	nic				
Aquatic Habitat(s)		Overhangin	g Vegetation, Plung	je Po	ols			
Observed Use								
Observed Fauna(s)		Toads						
RTE Present? Unknow	ı	RTE Specie	es & Evidence					
Bank		Bank Slope				Bank Erosion Potential		
LEFT BANK 3.5			15 to	15 to 25% (9 to 14 deg) Steeply Sloping				High
RIGHT BANK 4 15 to 25%				(9 to 14 deg) S	teeply Sloping		Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-31 Page 2 of 2



STREAM /	WATE	RBOD	Y OVERVI	EW						
Stream/Water	ID	S-EES-3	32		Cla	ssification	Intermittent			
Stream Name					Da	te	2021-09-21 14:5	0:12		
Address		Ames NY,								
Location Descrip	tion									
Evaluator(s)			Ethan Snyder	, Abi Light						
Latitude, Longitu	ide (WGS	584)	42.8347969, -	42.8347969, -74.5020416						
STREAM /	WATE	RBOD	Y CHARAG	HARACTERISTICS						
Flow Stage			Low		F	low Direction		SE		
Average Depth			2		F	Perceptible Flow	v	Yes		
Channel Substrat	te		Shale, Boul	ders, Cobble/Grave	el C	Obstruction		NA		
Channel Gradien	t		4 to 10% (2	4 to 10% (2 to 6 deg) Steep		Canopy Closure (Est.)		50 to (60%	
Is floodplain present?			No		E	Bankfull Width (ft)		NA	NA	
Probed Stream D	epth		0 to 6 inche	0 to 6 inches		Existing Water V	Vidth (ft)	3		
Top of Bank (ft)			9		F	Presumed Regu	latory Authority	USAC	E and State	
Ordinary High Wa	ater Marl	k (ft)	4		v	Vater Quality		Clear		
OHWM Indicators	S		Soil Charac	Soil Character Change, Plant Community Change, Scour						
Water Quality Co	mments									
Bank Substrate(s	5)		Silt/Clay							
Aquatic Habitat(s	5)		Overhangin	g Vegetation, Unde	ercut	Banks, Plunge F	Pools			
Observed Use			Drainage							
Observed Fauna((s)		Frogs							
RTE Present?	Unknown	1	RTE Specie	es & Evidence						
Bank	E	ht (ft)	Bank Slope		e		Bank Erosion Potential			
LEFT BANK 4				15 to 25% (9 to 14 deg) Steeply Sloping				Moderate		
RIGHT BANK 5				15 to 25% (9 to 14 deg) Steeply Sloping Moderate			Moderate			
NOTES:	NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-EES-32 Page 2 of 2



STREAM / WATERBOD	Y OVERVIE	EW							
Stream/Water ID S-IBP-0	1	(Classification	Intermittent					
Stream Name N/A		1	Date	2021-09-22 13:50	0:52				
Address Carlisle F	Road Canajohari	ajoharie New York 13317 United States,							
Location Description									
Evaluator(s)	Isaac Pallant,	saac Pallant, Carson Rowe							
Latitude, Longitude (WGS84)	42.8428896, -7	42.8428896, -74.5116195							
STREAM / WATERBOD	Y CHARAC	TERISTICS							
Flow Stage	Low		Flow Direction		Ν				
Average Depth	1		Perceptible Flow	v	Yes				
Channel Substrate	Cobble/Grav	el, Silt/Clay, Riprap	Obstruction		NA				
Channel Gradient	4 to 10% (2 t	4 to 10% (2 to 6 deg) Steep		Canopy Closure (Est.)		0%			
Is floodplain present?	No		Bankfull Width (ft)		NA	A			
Probed Stream Depth	0 to 6 inches	0 to 6 inches		Width (ft)	1.5				
Top of Bank (ft)	3.5	3.5		latory Authority	U.S. A	rmy Corp			
Ordinary High Water Mark (ft)	3	Water Quality Tu			Turbid				
OHWM Indicators		Natural Line Impressed on Bank, Terrestrial Vegetation Destroyed, Shelving, Litter and Debris, Sediment Sorting, Deposition							
Water Quality Comments									
Bank Substrate(s)	Cobble/Grav	el, Silt/Clay, Riprap							
Aquatic Habitat(s)									
Observed Use	Drainage								
Observed Fauna(s)									
RTE Present? Unknown	RTE Species	s & Evidence							
Bank Bank Hei		Bank Slop	e		Bank Erosion Potential				
LEFT BANK 0.25		8 to 8% (0 t	o 5 deg) Nearly Lev	el to Gently Sloping		Low			
RIGHT BANK 0.25		0 to 8% (0 t	o 5 deg) Nearly Lev	el to Gently Sloping		Low			
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-IBP-01 Page 2 of 2



STREAM / V	WATERBOD	Y OVERVI	EW						
Stream/Water II	D S-JMP-	01		Classification	Ephemeral				
Stream Name	Unnam	ed		Date	2021-08-31 08:2	5:09			
Address	101–243	Flat Creek Rd	Sprakers NY 12166	US,					
Location Descripti	ion								
Evaluator(s)		Jerry Peake,	Jerry Peake, Steve Spotts						
Latitude, Longitud	le (WGS84)	42.85881322	42.8588132249, -74.4771581244						
STREAM / \	WATERBOD	Y CHARA	CTERISTICS						
Flow Stage		Low		Flow Direction		NW			
Average Depth		1		Perceptible Flow	N	Yes			
Channel Substrate	9	Cobble/Gra	vel, Silt/Clay	Obstruction		NA			
Channel Gradient		< 2% (< 1 d	leg) Gentle	Canopy Closure (Est.)		40 to !	50%		
Is floodplain prese	ent?	No		Bankfull Width (ft)		NA			
Probed Stream De	pth	0 to 6 inche	0 to 6 inches		Width (ft)	0.5			
Top of Bank (ft)		6	6		latory Authority	U.S. A	Army Corp		
Ordinary High Wat	ter Mark (ft)	2	2			Clear			
OHWM Indicators		Bed and Ba	Bed and Banks						
Water Quality Com	nments								
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s	;)								
RTE Present?	nknown	RTE Specie	es & Evidence						
Bank Bank Height (ft)				Bank Slop	e		Bank Erosion Potential		
LEFT BANK 1 8 to 8% (0				to 5 deg) Nearly Lev	vel to Gently Sloping		Low		
RIGHT BANK	1		0 to 8% (0	to 5 deg) Nearly Lev	vel to Gently Sloping		Low		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-01 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	ID S-JMP-02		Class	ssification Intermittent					
Stream Name	Unname	d stream		Date		2021-08-30 15:2	8:05	.05	
Address	Sprakers I	NY 12166 US,							
Location Description									
Evaluator(s)		Jerry Peake,	Jerry Peake, Steve Spotts						
Latitude, Longitude (WGS	584)	42.85710370	51, -74.476411328	3					
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage	Low		Flow	Direction		NW			
Average Depth		3		Perc	eptible Flov	v	Yes		
Channel Substrate	hannel Substrate Cobb		vel, Silt/Clay	Obs	truction		NA		
Channel Gradient		< 2% (< 1 d	< 2% (< 1 deg) Gentle		Canopy Closure (Est.)		70 to 80%		
Is floodplain present?		No	E		Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		4		
Top of Bank (ft)		10	Presumed F		umed Regu	ulatory Authority U.S.		S. Army Corp	
Ordinary High Water Mark	5	Water Quality C			Clear				
OHWM Indicators	Bed and Ba	Bed and Banks, Natural Line Impressed on Bank, Wrack							
Water Quality Comments									
Bank Substrate(s)		Cobble/Gra	Cobble/Gravel, Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation, Undercut Banks, Gravel Beach Bar						
Observed Use									
Observed Fauna(s)									
RTE Present? Unknown	l	RTE Specie	ecies & Evidence						
Bank B	Bank Heig	ht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	1.5		15 to	25% (9	to 14 deg) S	Steeply Sloping		Low	
RIGHT BANK	2		15 to	25% (9	to 14 deg) S	Steeply Sloping		Low	
NOTES:	NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-02 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-JMP-03		Classification	Intermittent					
Stream Name	Unname	d intermitter	nt	Date	2021-09-01 09:4	7:35			
Address	Sprakers N	NY 12166 US,							
Location Description									
Evaluator(s)		Jerry Peake,	Jerry Peake, Steve Spotts						
Latitude, Longitude (WGS	84)	42.85100727	21, -74.4787465651	L					
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage	Low		Flow Direction		W				
Average Depth		2		Perceptible Flov	v	Yes			
Channel Substrate	Cobble/Gravel, Silt/Clay Obstruction NA								
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	Canopy Closure (Est.)		70 to 80%		
Is floodplain present?		No		Bankfull Width (ft)		NA			
Probed Stream Depth		0 to 6 inche	es Existing Water Width (ft)		Vidth (ft)	1.5			
Top of Bank (ft)		6		Presumed Regulatory Authority		U.S. Army Corp			
Ordinary High Water Mark (ft) 4				Water Quality Cle					
OHWM Indicators	Bed and Ba	Bed and Banks, Natural Line Impressed on Bank							
Water Quality Comments									
Bank Substrate(s)		Cobble/Gravel, Silt/Clay, Organic							
Aquatic Habitat(s)		Overhanging Vegetation							
Observed Use									
Observed Fauna(s)		Toads							
RTE Present? Unknown		RTE Specie	RTE Species & Evidence						
Bank B	ank Heig	ht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	2		15 to	25% (9 to 14 deg) S	teeply Sloping		Low		
RIGHT BANK	2		15 to	25% (9 to 14 deg) S	teeply Sloping		Low		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-03 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-JMP-04			Classification	Ephemeral				
Stream Name	Unname	d ephemera	I stream	Date	2021-09-01 14:2	6:01			
Address	Sprakers I	NY 12166 US,							
Location Description									
Evaluator(s)		Jerry Peake,	y Peake, Steve Spotts						
Latitude, Longitude (WGS84) 42.849523119, -74.4767939837									
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage Low				Flow Direction		N			
Average Depth		2		Perceptible Flo	w	No			
Channel Substrate		Cobble/Grav	vel, Silt/Clay	Obstruction	on NA				
Channel Gradient	Channel Gradient 2 to 4		o 2 deg) Moderate	Canopy Closur	(Est.) 30		30 to 40%		
Is floodplain present?		No		Bankfull Width (ft)		NA			
Probed Stream Depth 0		0 to 6 inche	s	Existing Water Width (ft)		1			
Top of Bank (ft) 6		6		Presumed Regulatory Authority		U.S. Army Corp			
Ordinary High Water Mark (ft) 4				Water Quality Turk					
OHWM Indicators Bed and I			nd Banks, Natural Line Impressed on Bank						
Water Quality Comments									
Bank Substrate(s)		Cobble/Grav	Cobble/Gravel, Silt/Clay						
Aquatic Habitat(s)		Undercut Ba	Undercut Banks, Mud Bar						
Observed Use									
Observed Fauna(s)									
RTE Present? Unknown	1	RTE Specie	TE Species & Evidence						
Bank E	Bank Heig	ht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	2		15 to	25% (9 to 14 deg)	Steeply Sloping		Low		
RIGHT BANK	2.5		15 to	25% (9 to 14 deg)	Steeply Sloping		Low		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



Address Sprakers NY Location Description Image: Sprakers NY Evaluator(s) Je Latitude, Longitude (WGS84) 42 STREAM / WATERBODY (Compared by the spraker) Image: Sprakers NY	eek, 876-252 / 12166 US, erry Peake, Steve Spotts 2.8577199864, -74.468493711	Classification Date Date S Flow Direction Perceptible Flow	Perennial 2021-09-02 14:15	5:53			
Address Sprakers NY Location Description Image: Sprakers NY Evaluator(s) Je Latitude, Longitude (WGS84) 42 STREAM / WATERBODY (MATERBODY CONTINUE)	 7 12166 US, erry Peake, Steve Spotts 2.8577199864, -74.468493711 CHARACTERISTICS Low 6 	5 Flow Direction	2021-09-02 14:15				
Location Description Evaluator(s) Je Latitude, Longitude (WGS84) 42 STREAM / WATERBODY (Compared by the second s	erry Peake, Steve Spotts 2.8577199864, -74.468493711 CHARACTERISTICS Low 6	Flow Direction		N			
Evaluator(s) Je Latitude, Longitude (WGS84) 42 STREAM / WATERBODY (Control of the second s	2.8577199864, -74.468493711 CHARACTERISTICS Low 6	Flow Direction		N			
Latitude, Longitude (WGS84) 42 STREAM / WATERBODY (2.8577199864, -74.468493711 CHARACTERISTICS Low 6	Flow Direction		N			
STREAM / WATERBODY (CHARACTERISTICS Low 6	Flow Direction		N			
	Low 6			N			
Flow Stage	6			N			
	-	Dercentible Flor					
Average Depth	Boulders Cobble/Gravel	Perceptible Flow	N	Yes			
Channel Substrate	Silt/Clay	Obstruction		NA			
Channel Gradient	< 2% (< 1 deg) Gentle	Canopy Closure	Canopy Closure (Est.)		70 to 80%		
Is floodplain present?	Yes	Bankfull Width (Bankfull Width (ft)		20		
Probed Stream Depth	6 to 12 inches	Existing Water \	Existing Water Width (ft)		8		
Top of Bank (ft)	NA	Presumed Regu		U.S. Arr	S. Army Corp		
Ordinary High Water Mark (ft)	10	Water Quality C					
OHWM Indicators	Natural Line Impressed on Bank, Plant Community Change, Bed and Banks, Wrack						
Water Quality Comments							
Bank Substrate(s)	Cobble/Gravel, Silt/Clay, Artificial						
Aquatic Habitat(s)	Aquatic Vegetation, Gravel Beach Bar, Riffle - Pool						
Observed Use							
Observed Fauna(s)							
RTE Present? Unknown	RTE Species & Evidence						
Bank Bank Height	t (ft)	Bank Slope Bar					
LEFT BANK 3	8 to 1	.5% (5 to 9 deg) Mod	lerately Sloping		Low		
RIGHT BANK 4	15 to	25% (9 to 14 deg) S	Steeply Sloping		Low		
NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-05 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID S	S-JMP-06			Cla	ssification	Intermittent			
Stream Name	Jnname Creek	d tributary to	Lasher	Dat	e	2021-09-02 14:47:43			
Address S	Sprakers N	NY 12166 US,							
Location Description									
Evaluator(s)		Jerry Peake,	erry Peake, Steve Spotts						
Latitude, Longitude (WGS8	GS84) 42.857385107, -74.4683745311								
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Low		F	low Direction		w		
Average Depth		3		Р	erceptible Flow	V	Yes		
Channel Substrate		Cobble/Grav Silt/Clay	vel, Boulders,	o	bstruction	NA			
Channel Gradient		2 to 4% (1 to	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		30 to 40%		
Is floodplain present?		No		в	Bankfull Width (ft)		NA		
Probed Stream Depth	Probed Stream Depth		to 6 inches		Existing Water Width (ft)		2		
Top of Bank (ft)		8		Presumed Regulatory Authority		latory Authority	U.S. Ar	my Corp	
Ordinary High Water Mark (ft)		4	4 Water Quality Clear						
OHWM Indicators	Bed and Banks								
Water Quality Comments									
Bank Substrate(s)		Cobble/Gravel, Boulders, Silt/Clay							
Aquatic Habitat(s)		Overhanging Vegetation							
Observed Use									
Observed Fauna(s)									
RTE Present? Unknown		RTE Specie	es & Evidence						
Bank Ba	ank Heig	ht (ft)		Bank Slope			Bank Erosion Potential		
LEFT BANK	2		2	25 to 35% (14 to 20 deg) Steep				Low	
RIGHT BANK	3		2	5 to	35% (14 to 20 d	leg) Steep		Low	
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-06 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID S	D S-JMP-07			Classification	lassification Intermittent				
Stream Name	Jnname Creek	d tributary to) Lasher	Date	ate 2021-09-02 16:14		4:50		
Address 80	800–846 N	IY-162 Sprake	rs NY 12166 US,						
Location Description									
Evaluator(s)	Jerry Peake,	Jerry Peake, Steve Spotts							
Latitude, Longitude (WGS8	42.858174818	37, -74.468630492	2						
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Low		Flow Direction		W			
Average Depth		3		Perceptible Flo	w	Yes			
Channel Substrate		Cobble/Gravel, Silt/Clay Obstruction NA							
Channel Gradient		2 to 4% (1 to 2 deg) Moderate		Canopy Closu	Canopy Closure (Est.)		30 to 40%		
Is floodplain present?		No		Bankfull Width	Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inches		Existing Water	Existing Water Width (ft)		2		
Top of Bank (ft)		4	Presumed Reg		ulatory Authority	U.S. Aı	Army Corp		
Ordinary High Water Mark (3	3 Water Quality Clear							
OHWM Indicators	Bed and Banks								
Water Quality Comments									
Bank Substrate(s)		Cobble/Gravel, Silt/Clay							
Aquatic Habitat(s)		Overhanging Vegetation							
Observed Use									
Observed Fauna(s)									
RTE Present? Unknown		RTE Specie	RTE Species & Evidence						
Bank Ba	ank Heig	ht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	1		8 to 1	5% (5 to 9 deg) Mo	derately Sloping		Moderate		
RIGHT BANK	1		8 to 1	5% (5 to 9 deg) Mo	derately Sloping		Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-07 Page 2 of 2



Stream Name Unname intermittent stream Date 2021-09-08 15:06:7 Address 422 Rapper lettermittent stream 2021-09-08 15:06:7 Address 422 Rapper lettermittent stream 2021-09-08 15:06:7 Lacition Description Jerry Peake, Carson Rowe 2 Evaluator(s) Jerry Peake, Carson Rowe 42:8572610221, -74:515036717 STREAM / WATERENETERENET 2:8572610221, -74:515036717 W STREAM / WATERENETERENET 0 V STREAM / WATERENETERENET 2:8572610221, -74:515036717 W Stream Super / Latitude, Longitude (WS & del Stream Parker Stream	STREAM / WA	TERBOD	OVERVI	EW					
No Proceeding Synakers NY 12166 US, Location Description Serve Peake, Carson Rowe Latitude, Longitude (WGS 84) Jerry Peake, Carson Rowe STREAM / WATERBOTERSTOS Character Stream Peter Descontance Canopy Closure (Est.) 70 to 80% Stream Peter Descontance Stream Regulatory Authority NA Cobe/Gravel, Souders, Sit/Clay Value Quality Comments No Water Quality Undercut Banks Mater under in channel Stream	Stream/Water ID	S-JMP-0	9		Classification	Intermittent			
Location Description Jerry Peake, Carson Rowe Latitude, Longitude (WGS84) 42.8572610221, -74.5150367171 STREAM / WATERBODY CHARACTERISTICS Flow Stage Dry Flow Stage Dry Opy Perceptible Flow No Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Ref or avel, Boulders, Silt/Clay Obstruction NA Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Standard frame: Substrate Cobble/Gravel, Sector Standard frame: Substrate Cobble/Gravel, Silt/Clay No Bankfull Width (ft) NA Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 <t< th=""><th>Stream Name</th><th>Unname</th><th>d intermitter</th><th>nt stream</th><th>Date</th><th>2021-09-08 15:0</th><th>6:27</th><th></th></t<>	Stream Name	Unname	d intermitter	nt stream	Date	2021-09-08 15:0	6:27		
Jarry Peake, Carson Rowe Latitude, Longitude (WGS84) 42.8572610221, -74.5150367171 STREAM / WATERBOD/ CHARACTERISTICS Flow Stage Dry Flow Direction W Average Depth 0 Perceptible Flow No Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Channel Substrate Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Channel Gradier Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Channel Gradier Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Channel Gradier Cobole/Gravel, Boulders, Silt/Clay Obstruction NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) No Set of to 6 and Banks Cobble/Gravel, Silt/Clay Other Classes Cobble/Gravel, Silt/Clay Mater Quality Comments <th colspa<="" th=""><th>Address</th><th>422 Rapp</th><th>a Rd Sprakers</th><th>NY 12166 US,</th><th></th><th></th><th></th><th></th></th>	<th>Address</th> <th>422 Rapp</th> <th>a Rd Sprakers</th> <th>NY 12166 US,</th> <th></th> <th></th> <th></th> <th></th>	Address	422 Rapp	a Rd Sprakers	NY 12166 US,				
Latitude, Longitude (WGS84) 42.8572610221, -74.5150367171 STREAM / WATERBOD' CHARACTERISTICS Flow Stage Dry Flow Direction W Average Depth 0 Perceptible Flow No Cobble/Gravel, Boulders, Sitt/Clay Obstruction NA Channel Gradient 2% (< 1 deg) Gentle Canopy Closure (Est.) 70 to 80% Sitt/Clay No Bankfull Width (ft) NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Top of Bank (ft) 0 to 6 inches Existing Water Width (ft) 0. Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 0 Cobbie/Gr	Location Description								
STREAM / WATERBODY CHARACTERISTICS Flow Stage Dry Flow Direction W Average Depth 0 Perceptible Flow No Average Depth 0 Derceptible Flow No Channel Substrate Cobble/Gravel, Boulders, Sitt/Clay Obstruction NA Channel Gradient < 2% (<1 deg) Gentle Canopy Closure (Est.) 70 to 80% Is floodplain present? No Bankfull Width (ft) NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Top of Bank (ft) 8 Presumed Regulatory Authority U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Other in channel mowater in channel Water Quality U.S. Army Corp Bank Substrate(s) Cobble/Gravel, Sitt/Clay Undercut Banks Undercut Banks Observed Use Indercut Banks Existing Present? Second Existing Present? Bank Bank Height (ft) RTE Species & Evidence Second Potential Bank <	Evaluator(s)		Jerry Peake,	Carson Rowe					
Flow Stage Dry Flow Direction W Average Depth 0 Perceptible Flow No Channel Substrate Cobble/Gravel, Boulders, Sitt/Clay Obstruction NA Channel Gradient < 2% (< 1 deg) Gentle Canopy Closure (Est.) 70 to 80% Is floodplain present? No Bankfull Width (ft) NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp OHWM Indicators Bed and Banks Water Quality U.S. Army Corp Observed Use no water in channel Undercut Banks V V Observed Use no water in channel V V V Observed Use Undercut Banks Undercut Banks V V Observed Use Undercut Banks E E E E Bank RTE Present? Unknown RTE Species & Evidence E E Bank 2 15 to 25% (9 to 14 deg) Steeply Sloping Low LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping	Latitude, Longitude (NGS84)	42.85726102	21, -74.5150367171	L				
Average Depth 0 Perceptible Flow No Channel Substrate Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Channel Gradier < 2% (< 1 deg) Gentle Canopy Closure (Est.) 70 to 80% Is floodplain present? No Bankfull Width (ft) NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Top of Bank (ft) 8 Presumed Regulatory Authority U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp OHWM Indicator Bed and Banks No Water Quality Comments no water in channel Bank Substrate(s) Cobble/Gravel, Silt/Clay Observed Use Undercut Banks Bank Bank Height (ft) RTE Species & Evidence Bank 2 15 to 25% (9 to 14 deg) Steeply Sloping Low IEfT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	STREAM / WA	TERBOD	(CHARAG	CTERISTICS					
Channel Substrate Cobble/Gravel, Boulders, Silt/Clay Obstruction NA Channel Gradier < 2% (< 1 deg) Gentle Canopy Closure (Est.) 70 to 80% Channel Gradier < 2% (< 1 deg) Gentle Canopy Closure (Est.) 70 to 80% Is floodplain present? No Bankfull Width (ft) NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Top of Bank (ft) 8 Presumed Regulatory Authority U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp OHWM Indicator Bed and Banks No No Verseure Quality OHWM Indicators No water in channel Soberved Use No Sobele/Gravel, Silt/Clay Aquatic Habitat(s) Undercut Banks Cobble/Gravel, Silt/Clay Soberved Use Soberved Use Observed Use Indercut Banks RTE Species & Evidence Soberved Use Bank Height (ft) Bank Erosion Potential Bank Bank Height (ft) Its to 25% (9 to 14 deg) Steeply Sloping Low LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Flow Stage Dry				Flow Direction		W		
Silt/Clay Obstruction NA Channel Gradier < 2% (< 1 deg) Gentle Canopy Closure (Est.) 70 to 80% Is floodplain present? No Bankfull Width (ft) NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Top of Bank (ft) 8 Presumed Regulatory Authority U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp OHWM Indicators Bed and Banks Water Quality U.S. Army Corp OHWM Indicators Bed and Banks In owater in channel Image: Still/Clay Aquatic Habitat(s) Undercut Banks Undercut Banks Undercut Banks Observed Use Undercut Banks Image: Still/Clay Image: Still/Clay RTE Present? Unknown RTE Species Evidence Image: Still Sti	Average Depth		0		Perceptible Flow	v	No		
Is floodplain present? No Bankfull Width (ft) NA Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Top of Bank (ft) 8 Presumed Regulatory Authority U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp OHWM Indicators Bed and Banks Bed and Banks Water Quality Comments no water in channel Bank Substrate(s) Cobble/Gravel, Silt/Clay Undercut Banks Undercut Banks Undercut Banks Observed Use E E E E E Observed Fauna(s) RTE Species & Evidence E E E Bank Bank Height (ft) RTE Species & Evidence Bank Slope Bank Erosion Potential LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low RIGHT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Channel Substrate			vel, Boulders,	Obstruction		NA		
Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0 Top of Bank (ft) 8 Presumed Regulatory Authority U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp OHWM Indicators Bed and Banks Water Quality On water in channel Image: Cobble/Gravel, Silt/Clay Mater Quality Comments no water in channel Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Aquatic Habitat(s) Undercut Banks Undercut Banks Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Observed Faunc(s) Undercut Banks Existing Water Width (ft) Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Bank Substrate(s) Undercut Banks Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Observed Faunc(s) Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Image: Cobble/Gravel, Silt/Clay Bank Bank Height (ft) RTE Species & Evidence Image: Cobble/Gravel, Silt/Glay Image: Cobble/Gravel, Silt/Glay Image: Cobble/Gravel, Silt/Glay LEFT BANK 2 <th>Channel Gradient</th> <th></th> <th>< 2% (< 1 d</th> <th>eg) Gentle</th> <th>Canopy Closure</th> <th>(Est.)</th> <th colspan="2">70 to 80%</th>	Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	(Est.)	70 to 80%		
Top of Bank (ft) 8 Presumed Regulatory Authority U.S. Army Corp Ordinary High Water Mark (ft) 6 Water Quality U.S. Army Corp OHWM Indicators Bed and Banks Bed and Banks Image: Comparison of Comparison	Is floodplain present?	?	No		Bankfull Width (ft)				
Ordinary High Water Mark (ft) 6 Water Quality OHWM Indicators Bed and Banks Water Quality Comments no water in channel Bank Substrate(s) Cobble/Gravel, Silt/Clay Aquatic Habitat(s) Undercut Banks Observed Use Undercut Banks RTE Present? Unknown RTE Species & Evidence Bank Slope Bank 2 15 to 25% (9 to 14 deg) Steeply Sloping Low RIGHT BANK 2	Probed Stream Depth		0 to 6 inche	S	Existing Water Width (ft) 0				
DHWM Indicators Bed and Banks Water Quality Comments no water in channel Bank Substrate(s) Cobble/Gravel, Silt/Clay Aquatic Habitat(s) Undercut Banks Observed Use Undercut Banks Observed Fauna(s) RTE Species & Evidence Bank Bank Height (ft) Bank Slope Bank Erosion Potential LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Top of Bank (ft)		8		Presumed Regu	latory Authority	U.S. A	rmy Corp	
Water Quality Comments no water in channel Bank Substrate(s) Cobble/Gravel, Silt/Clay Aquatic Habitat(s) Undercut Banks Observed Use Observed Fauma(s) RTE Species & Evidence RTE Present? Unknown Bank Height (ft) Bank Slope Bank 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Ordinary High Water	Mark (ft)	6		Water Quality				
Bank Substrate(s) Cobble/Gravel, Silt/Clay Aquatic Habitat(s) Undercut Banks Observed Use E Observed Faune(s) RTE Present? Unknown RTE Species & Evidence Bank Bank Height (ft) Bank Slope Bank Erosion Potential LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	OHWM Indicators		Bed and Ba	nks					
Aquatic Habitat(s) Undercut Banks Observed Use Conserved Faunts Observed Faunts RTE Species & Evidence Bank Bank Height (ft) Bank Slope Bank Erosion Potential LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Water Quality Comme	ents	no water in	channel					
Observed Use RTE Present? Unknown RTE Species & Evidence Bank Bank Height (ft) Bank Slope Bank Erosion Potential LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay					
Observed Faun≼s RTE Present? Unknown RTE Species & Evidence Bank Bank Height (ft) Bank Slope Bank Erosion Potential LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low RIGHT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Aquatic Habitat(s)		Undercut Ba	anks					
RTE Present? Unknown RTE Species & Evidence Bank Bank Height (ft) Bank Slope Bank Erosion Potential LEFT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low RIGHT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Observed Use								
BankBank Height (ft)Bank SlopeBank Erosion PotentialLEFT BANK215 to 25% (9 to 14 deg) Steeply SlopingLowRIGHT BANK215 to 25% (9 to 14 deg) Steeply SlopingLow	Observed Fauna(s)								
BankBank Height (ft)Bank SlopePotentialLEFT BANK215 to 25% (9 to 14 deg) Steeply SlopingLowRIGHT BANK215 to 25% (9 to 14 deg) Steeply SlopingLow	RTE Present? Unkn	iown	RTE Specie	es & Evidence					
RIGHT BANK 2 15 to 25% (9 to 14 deg) Steeply Sloping Low	Bank	Bank Heig	ht (ft)	Bank Slone					
	LEFT BANK	2		15 to 25% (9 to 14 deg) Steeply Sloping Low			Low		
NOTES:	RIGHT BANK	2		15 to	25% (9 to 14 deg) S	teeply Sloping		Low	
	NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-09 Page 2 of 2



Stream/Water ID S-JMP-10 Stream Name Unnamed intermittent stream Address Rappa Road Sprakers NY 12166 U	Da	lassification ate	Intermittent			
		ate		Intermittent		
Address Rappa Road Sprakers NY 12166 U	IS,		2021-09-09 11:2			
Location Description	Location Description					
Evaluator(s) Jerry Peake, Carson Ro	owe					
Latitude, Longitude (WGS84) 42.8548269258, -74.510	05178862					
STREAM / WATERBODY CHARACTERIS	TICS					
Flow Stage Low	1	Flow Direction		NW		
Average Depth 2	1	Perceptible Flow	I	Yes		
Channel Substrate Cobble/Gravel, Silt/Cla	ay	Obstruction		NA		
Channel Gradient < 2% (< 1 deg) Gentle		Canopy Closure	(Est.)	40 to 5	to 50%	
Is floodplain present? No	No Bankfull Width (ft) NA					
Probed Stream Depth 0 to 6 inches	-	Existing Water V	Vidth (ft)	2		
Top of Bank (ft) 5	-	Presumed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High Water Mark (ft) 4	,	Water Quality		Clear		
OHWM Indicators Natural Line Impressed	d on Bank, F	Plant Community	Change, Bed and Ba	nks		
Water Quality Comments						
Bank Substrate(s) Cobble/Gravel, Silt/Cla	ay					
Aquatic Habitat(s) Overhanging Vegetation	on, Undercu	ıt Banks, Mud Bar				
Observed Use						
Observed Fauna(s)						
RTE Present? Unknown RTE Species & Evide	ence					
Bank Bank Height (ft)	Bank Slope Bank Erosic Potential			Bank Erosion Potential		
LEFT BANK 1	15 to 25% (9 to 14 deg) Steeply Sloping Moderate			15 to 25% (9 to 14 deg) Steeply Sloping		Moderate
RIGHT BANK 1	15 to 250	5% (9 to 14 deg) S	teeply Sloping		Moderate	
NOTES:						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-JMP-1	.1		Classification	Ephemeral			
Stream Name	Unname	d ephemera	ıl channel	Date	2021-09-10 09:4	4:37		
Address	Sprakers I	New York,						
Location Description								
Evaluator(s)		Jerry Peake,	Carson Rowe					
Latitude, Longitude (WG	S84)	42.83982023	06, -74.4903462693	3				
STREAM / WATE	RBOD	(CHARAG	CTERISTICS					
Flow Stage Dry				Flow Direction		N		
Average Depth		0		Perceptible Flow	v	No		
Channel Substrate		Silt/Clay		Obstruction		NA		
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure	Canopy Closure (Est.) 80 to		o 90%	
Is floodplain present?		Yes	res Bankfull Width (ft) 75			75		
Probed Stream Depth		0 to 6 inche	S	Existing Water V	Vidth (ft)	0		
Top of Bank (ft)		NA		Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High Water Mar	k (ft)	4		Water Quality				
OHWM Indicators		Bed and Ba	inks					
Water Quality Comments		no water in	channel					
Bank Substrate(s)		Silt/Clay, Co	obble/Gravel					
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use								
Observed Fauna(s)								
RTE Present? Unknown	ı	RTE Specie	es & Evidence					
Bank I	Bank Heig	ht (ft)	ft) Bank Slope Bank Erosic Potential				Bank Erosion Potential	
LEFT BANK	3		25 to 35% (14 to 20 deg) Steep Moderate			25		Moderate
RIGHT BANK	3		2	5 to 35% (14 to 20 c	leg) Steep		Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-11 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-JMP-1	2		Classification	Ephemeral			
Stream Name	Unname	d ephemera	ıl channel	Date	2021-09-10 10:0			
Address	Sprakers	NY 12166 US,						
Location Description								
Evaluator(s)		Jerry Peake,	Carson Rowe					
Latitude, Longitude (WG	S84)	42.84001054	07, -74.4903283807	7				
STREAM / WATE	RBOD	CHARAG	CTERISTICS					
Flow Stage		Dry		Flow Direction		NW		
Average Depth		0		Perceptible Flov	v	No		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA		
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure	Canopy Closure (Est.) 70		80%	
Is floodplain present?		Yes		Bankfull Width (Bankfull Width (ft) 60			
Probed Stream Depth		0 to 6 inche	S	Existing Water V	Vidth (ft)	0		
Top of Bank (ft)		NA		Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High Water Mar	k (ft)	4		Water Quality				
OHWM Indicators		Bed and Ba	inks					
Water Quality Comments	;	no water in	channel					
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay					
Aquatic Habitat(s)								
Observed Use								
Observed Fauna(s)								
RTE Present? Unknow	ı	RTE Specie	es & Evidence					
Bank	Bank Heig	ht (ft)) Bank Slope Bank Erosio Potential				Bank Erosion Potential	
LEFT BANK	5		25 to 35% (14 to 20 deg) Steep Moderate			25		Moderate
RIGHT BANK	1.5		8 to 1	5% (5 to 9 deg) Mod	erately Sloping		Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-12 Page 2 of 3







STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-JMP-1	.3		Classification	Intermittent			
Stream Name	Unname	d intermitter	nt tributary	Date	2021-09-10 10:2	6:36		
Address	Sprakers I	New York,						
Location Description								
Evaluator(s)		Jerry Peake,	Carson Rowe					
Latitude, Longitude (WGS84) 42.8399851769, -74.4936221747								
STREAM / WATE	RBOD	(CHARAG	CTERISTICS					
Flow Stage	Flow Stage Dry Flow Direction					N		
Average Depth		0		Perceptible Flow	v	No		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA		
Channel Gradient		> 10% (> 6	deg) Very Steep	Canopy Closure	Canopy Closure (Est.) 70		30%	
Is floodplain present?		No		Bankfull Width (ft)	NA		
Probed Stream Depth		0 to 6 inche	S	Existing Water V	Vidth (ft)	0		
Top of Bank (ft)		12		Presumed Regu	latory Authority	U.S. A	army Corp	
Ordinary High Water Marl	k (ft)	7		Water Quality				
OHWM Indicators		Litter and D	ebris, Bed and Ban	ks, Natural Line Imp	ressed on Bank, Dep	osition,	Scour	
Water Quality Comments		no water in	channel					
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay					
Aquatic Habitat(s)								
Observed Use								
Observed Fauna(s)								
RTE Present? Unknown	ı	RTE Specie	es & Evidence					
Bank E	Bank Heig	ht (ft)	t (ft) Bank Slope Bank Erosion Potential					
LEFT BANK	4		> 35% (> 20 deg) Very Steep Moderate				Moderate	
RIGHT BANK	3			> 35% (> 20 deg) Ve	ery Steep		Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-13 Page 2 of 2



STREAM / WATERBODY OVERVIEW							
Stream/Water ID S-JM	- 14		Classification	Ephemeral			
Stream Name Unna	med ephemera	al channel	Date	2021-09-10 11:0	4:25		
Address Sprak	ers New York,						
Location Description							
Evaluator(s)	Jerry Peake,	Carson Rowe					
Latitude, Longitude (WGS84)	42.84042830	93, -74.4955937646	5				
STREAM / WATERBO	DY CHARA	CTERISTICS					
Flow Stage Dry			Flow Direction		NW		
Average Depth	0		Perceptible Flov	v	No		
Channel Substrate	Cobble/Gra	avel, Silt/Clay	Obstruction		NA		
Channel Gradient	< 2% (< 1 0	leg) Gentle	Canopy Closure	Canopy Closure (Est.)		60%	
Is floodplain present?	Yes	/es Bankfull Width (ft)			70		
Probed Stream Depth	0 to 6 inche	es	Existing Water W	Vidth (ft)	0		
Top of Bank (ft)	NA		Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High Water Mark (ft)	4		Water Quality				
OHWM Indicators	Bed and Ba	anks, Deposition, Dis	turbed/Washed-awa	ay Leaf Litter			
Water Quality Comments	no water in	channel					
Bank Substrate(s)	Cobble/Gra	avel, Silt/Clay					
Aquatic Habitat(s)	Overhangir	ng Vegetation					
Observed Use							
Observed Fauna(s)							
RTE Present? Unknown	RTE Speci	es & Evidence					
Bank Bank H	eight (ft)	Bank Slope			Bank Erosion Potential		
LEFT BANK	2	> 35% (> 20 deg) Very Steep Moderate			Moderate		
RIGHT BANK	.5	:	> 35% (> 20 deg) Ve	ery Steep		Moderate	
NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-14 Page 2 of 2



STREAM / WATE	RBODY	OVERVI	EW					
Stream/Water ID	S-JMP-1	5		Clá	assification	Perennial		
Stream Name	Perennia 876-259	al tributary to) Flat Creek,	Da	ite	2021-09-10 12:1	7:40	
Address	Sprakers N	New York,						
Location Description								
Evaluator(s)		Jerry Peake,	Carson Rowe					
Latitude, Longitude (WGS	S84)	42.84005341	68, -74.493773907	7				
STREAM / WATE	RBODY	CHARA	CTERISTICS					
Flow Stage Low				F	-low Direction		w	
Average Depth		6		F	Perceptible Flow	v	Yes	
Channel Substrate		Cobble/Gra Silt/Clay	vel, Boulders,	c	Obstruction		NA	
Channel Gradient	hannel Gradient < 2% (< 1 deg) Gentle			c	Canopy Closure (Est.) 6			70%
Is floodplain present?	Is floodplain present? Yes			E	Bankfull Width (ft)	120	
Probed Stream Depth		6 to 12 inch	es	E	Existing Water V	Vidth (ft)	4	
Top of Bank (ft)		NA		F	Presumed Regu	latory Authority	U.S. A	Army Corp
Ordinary High Water Mar	k (ft)	12		۷	Nater Quality		Clear	
OHWM Indicators		Bed and Ba	nks, Sediment Sor	ting,	Shelving, Natura	al Line Impressed on	Bank, S	Scour
Water Quality Comments								
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay					
Aquatic Habitat(s)		Overhangin Aquatic Veg		ercut	Banks, Gravel B	Beach Bar, Mud Bar, F	Riffle - F	Pool, Plunge Pools,
Observed Use								
Observed Fauna(s)		Fish, Frogs,	Invertebrates					
RTE Present? Unknown	ı	RTE Specie	es & Evidence					
Bank E	Bank Heig	ht (ft)	nt (tt) Bank Slope			Bank Erosion Potential		
LEFT BANK	15	> 35% (> 20 deg) Very Steep Moderate			Moderate			
RIGHT BANK	2.5			25 to	35% (14 to 20 d	leg) Steep		Moderate
NOTES:								



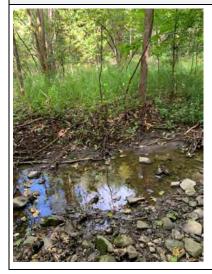
Upstream Photo:



Downstream Photo:

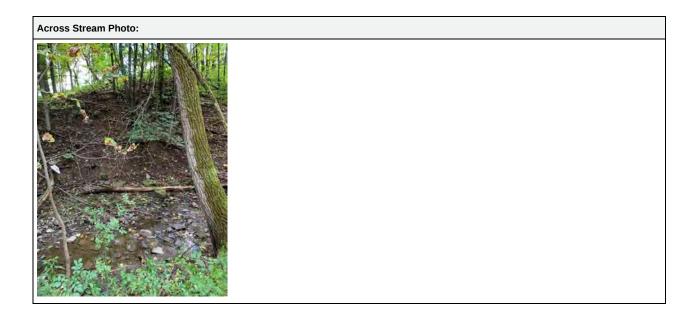


Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071







Latitude, Longitude (WGS84) 42.84074193 STREAM / WATERBODY CHARAO Flow Stage Low Average Depth 2 Channel Substrate Boulders, C silt/Clay						
Address Sprakers New York, Location Description Image: Stress New York, Evaluator(s) Jerry Peake, Latitude, Longitude (WGS84) 42.84074193 STREAM / WATERBODY CHARAC Flow Stage Low Average Depth 2 Channel Substrate Boulders, C silt/Clay	l stream D	Classification	Ephemeral			
Location Description Evaluator(s) Jerry Peake, Latitude, Longitude (WGS84) 42.84074193 STREAM / WATERBODY CHARAC Flow Stage Low Average Depth 2 Channel Substrate Boulders, C silt/Clay		Date	2021-09-10 13:2	1:14		
Evaluator(s)Jerry Peake,Latitude, Longitude (WGS84)42.84074193STREAM / WATERBODY CHARACFlow StageLowAverage Depth2Channel SubstrateBoulders, C silt/Clay						
Latitude, Longitude (WGS84) 42.84074193 STREAM / WATERBODY CHARAC Flow Stage Low Average Depth 2 Channel Substrate Boulders, C silt/Clay						
STREAM / WATERBODY CHARAO Flow Stage Low Average Depth 2 Channel Substrate Boulders, C Silt/Clay	Carson Rowe					
Flow Stage Low Average Depth 2 Channel Substrate Boulders, C Silt/Clay	52, -74.4926708883					
Average Depth 2 Channel Substrate Boulders, C Silt/Clay	CTERISTICS					
Channel Substrate Boulders, C Silt/Clay		Flow Direction		W		
Channel Substrate Silt/Clay		Perceptible Flow	I	Yes		
Channel Credient 4 to 100/ (2	cobble/Gravel,	Obstruction		NA		
Channel Gradient 4 to 10% (2	to 6 deg) Steep	Canopy Closure (Est.) 80		80 to 90) to 90%	
Is floodplain present? No		Bankfull Width (ft)		NA		
Probed Stream Depth 0 to 6 inche	s	Existing Water V	Vidth (ft)	1		
Top of Bank (ft) 15		Presumed Regu	latory Authority	U.S. Arn	ny Corp	
Ordinary High Water Mark (ft) 3		Water Quality		Clear		
OHWM Indicators Bed and Ba	inks, Scour, Natural Li	ine Impressed on E	Bank			
Water Quality Comments						
Bank Substrate(s) Cobble/Grav	vel, Silt/Clay					
Aquatic Habitat(s) Undercut Ba	anks					
Observed Use						
Observed Fauna(s)						
RTE Present? Unknown RTE Specie	es & Evidence					
Bank Bank Height (ft)	Bank Slope				Bank Erosion Potential	
LEFT BANK 6						
RIGHT BANK 6	>:	35% (> 20 deg) Ve	ery Steep		Moderate	
NOTES:		35% (> 20 deg) Ve 35% (> 20 deg) Ve			Moderate Moderate	



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-16 Page 2 of 2



STREAM / WATE		OVERVI	EW				
Stream/Water ID	S-JMP-1	.7		Classification	Ephemeral		
Stream Name	Unname	d ephemera	ıl stream	Date	2021-09-10 13:4	1:47	
Address	Sprakers I	New York,					
Location Description							
Evaluator(s)		Jerry Peake,	Carson Rowe				
Latitude, Longitude (WG	S84)	42.84048979	2, -74.4922604836				
STREAM / WATE	RBOD	(CHARAG	CTERISTICS				
Flow Stage Low				Flow Direction		W	
Average Depth		2		Perceptible Flow	N	No	
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA	
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	Canopy Closure (Est.)		30%
Is floodplain present?		No	No Bankfull Width (ft)			NA	
Probed Stream Depth		0 to 6 inche	S	Existing Water \	Width (ft)	2	
Top of Bank (ft)		9		Presumed Regu	llatory Authority	U.S. A	army Corp
Ordinary High Water Mar	k (ft)	3		Water Quality		Slightl	y Turbid
OHWM Indicators		Bed and Ba	nks, Scour				
Water Quality Comments							
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay				
Aquatic Habitat(s)		Overhangin	g Vegetation				
Observed Use							
Observed Fauna(s)		Frogs					
RTE Present? Unknown	ı	RTE Specie	es & Evidence				
Bank E	Bank Heig	ht (ft)	Bank Slope			Bank Erosion Potential	
LEFT BANK	2	2		25 to 35% (14 to 20 deg) Steep Moderate			Moderate
RIGHT BANK	4		2	5 to 35% (14 to 20 d	deg) Steep		Moderate
NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-JMP-1	.8		Clas	ssification	Intermittent		
	Unname Flat Cree		nt tributary to	Date	е	2021-09-10 14:0	7:52	
Address	Sprakers I	New York,						
Location Description								
Evaluator(s)		Jerry Peake,	Carson Rowe					
Latitude, Longitude (WGS	684)	42.84071016	02, -74.491339828	5				
STREAM / WATE	RBOD	(CHARAG	CTERISTICS					
Flow Stage		Low		Flo	ow Direction		w	
Average Depth		3		Pe	erceptible Flow	I	Yes	
Channel Substrate		Boulders, S Cobble/Gra	-	Ob	ostruction		NA	
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Ca	Canopy Closure (Est.) 50 to			50%
Is floodplain present?		No		Ва	ankfull Width (1	ft)	NA	
Probed Stream Depth		0 to 6 inche	S	Ex	tisting Water W	Vidth (ft)	3	
Top of Bank (ft)		14		Pre	esumed Regul	latory Authority	U.S. A	army Corp
Ordinary High Water Mark	: (ft)	7		Wa	ater Quality		Clear	
OHWM Indicators		Bed and Ba	nks, Deposition, Na	atural I	Line Impressed	l on Bank, Scour, She	elving	
Water Quality Comments								
Bank Substrate(s)		Cobble/Grav	vel, Silt/Clay					
Aquatic Habitat(s)		Undercut Ba	anks, Overhanging	Veget	tation			
Observed Use								
Observed Fauna(s)								
RTE Present? Unknown		RTE Specie	es & Evidence					
Bank Ba	ank Heig	(Height (ff) Bank Slope			Bank Erosion Potential			
LEFT BANK	2.5	2.5 15 to 25% (9 to 14 deg) Steeply Sloping				Low		
RIGHT BANK	4		2	25 to 3	35% (14 to 20 d	eg) Steep		Low
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-18 Page 2 of 2



Stream/Water ID S-JMP-2	.9	Classification	Ephemeral			
Stream Name Unname	d ephemeral stream	Date	2021-09-13 14:33	3:27		
Address Sprakers	NY 12166 US,					
Location Description						
Evaluator(s)	Jerry Peake, Steve Spotts					
Latitude, Longitude (WGS84)	42.8406426713, -74.49091631	97				
STREAM / WATERBOD	CHARACTERISTICS	i				
Flow Stage	Low	Flow Direction		NW		
Average Depth	1	Perceptible Flow	v	No		
Channel Substrate	Cobble/Gravel, Silt/Clay, Organic	Obstruction		NA		
Channel Gradient	4 to 10% (2 to 6 deg) Steep	Canopy Closure	Canopy Closure (Est.) 7		0 to 80%	
Is floodplain present?	No	Bankfull Width (Bankfull Width (ft) NA			
Probed Stream Depth	0 to 6 inches	Existing Water V	Width (ft)	1		
Top of Bank (ft)	8	Presumed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High Water Mark (ft)	4	Water Quality		Turbid		
OHWM Indicators	Bed and Banks					
Water Quality Comments						
Bank Substrate(s)	Cobble/Gravel, Silt/Clay					
Aquatic Habitat(s)						
Observed Use						
Observed Fauna(s)						
RTE Present? Unknown	RTE Species & Evidence					
Bank Bank Heig	ht (ft)	Bank Slope			Bank Erosion Potential	
LEFT BANK 1.5	15 t	15 to 25% (9 to 14 deg) Steeply Sloping Mode			Moderate	
RIGHT BANK 1.5	8 to	15% (5 to 9 deg) Mod	lerately Sloping		Low	
NOTES:						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-19 Page 2 of 2



STREAM / WAT	ERBOD	YOVERVI	EW					
Stream/Water ID	S-JMP-2	20		Classification	Ephemeral			
Stream Name	Unname	ed ephemera	ıl stream	Date	2021-09-13 14:48:19			
Address	Sprakers	New York,						
Location Description								
Evaluator(s)		Jerry Peake,	Steve Spotts					
Latitude, Longitude (WC	S84)	42.84069224	65, -74.490981093	6				
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS					
Flow Stage Dry				Flow Direction		W		
Average Depth		0		Perceptible Flov	v	No		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA		
Channel Gradient		> 10% (> 6	deg) Very Steep	Canopy Closure	Canopy Closure (Est.)		90%	
Is floodplain present?		No	No Bankfull Width (ft)			NA		
Probed Stream Depth		0 to 6 inche	S	Existing Water V	Vidth (ft)	0		
Top of Bank (ft)		10		Presumed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High Water Ma	rk (ft)	2		Water Quality				
OHWM Indicators		Bed and Ba	inks					
Water Quality Comment	s	no water in	channel					
Bank Substrate(s)		Silt/Clay, Co	obble/Gravel, Orgar	iic				
Aquatic Habitat(s)								
Observed Use								
Observed Fauna(s)								
RTE Present? Unknow	'n	RTE Specie	es & Evidence					
Bank	Bank Heig	ıht (ft)	nt (ft) Bank Slope Bank Erosio Potential				Bank Erosion Potential	
LEFT BANK	5		> 35% (> 20 deg) Very Steep Moderate			:		Moderate
RIGHT BANK	5			> 35% (> 20 deg) Ve	ery Steep		Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-20 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water ID	ID S-JMP-21			Classification	Ephemeral					
Stream Name	Unnamed ephemeral stream		ıl stream	Date	ate 2021-09-14 11:0		8:28			
Address	Carlisle Ro	oad Sprkers N	ew York,							
Location Description										
Evaluator(s)		Jerry Peake,	Jerry Peake, Steve Spotts							
Latitude, Longitude (WGS	584)	42.84167962	42.841679626, -74.4983145211							
STREAM / WATE	RBODY	(CHARAG	CHARACTERISTICS							
Flow Stage		Dry		Flow Direction		W				
Average Depth		0		Perceptible Flow	Perceptible Flow					
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction	Obstruction					
Channel Gradient		2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		50 to 60%				
Is floodplain present?		No		Bankfull Width (ft)		NA				
Probed Stream Depth		0 to 6 inches		Existing Water Width (ft)		0				
Top of Bank (ft)		3		Presumed Regulatory Authority		U.S. Army Corp				
Ordinary High Water Mark (ft)		1.5		Water Quality						
OHWM Indicators		Bed and Banks								
Water Quality Comments		no water in channel								
Bank Substrate(s)		Cobble/Gravel, Silt/Clay								
Aquatic Habitat(s)		Overhanging Vegetation								
Observed Use										
Observed Fauna(s)										
RTE Present? Unknown F		RTE Specie	RTE Species & Evidence							
Bank Height (ft)			Bank Slope	e		Bank Erosion Potential				
LEFT BANK	EFT BANK 0.5		8 to 15% (5 to 9 deg) Moderately Sloping				Moderate			
RIGHT BANK 0.5			8 to 15% (5 to 9 deg) Moderately Sloping Moderate				Moderate			
NOTES:										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



Stream/Water ID S-JMP-2	12		STREAM / WATERBODY OVERVIEW								
	.2	Classification	Ephemeral								
Stream Name Unname	d ephemeral stream	Date	Date 2021-09-14 11:44:		:40						
Address Carlisle R	oad Sprakers New York,	d Sprakers New York,									
Location Description											
Evaluator(s)	Jerry Peake, Steve Spotts										
Latitude, Longitude (WGS84)	42.8400934049, -74.4969076222										
STREAM / WATERBOD	CHARACTERISTICS	CHARACTERISTICS									
Flow Stage	Low	Flow Direction		N							
Average Depth	0	Perceptible Flow	v	No							
Channel Substrate	Boulders, Cobble/Gravel, Silt/Clay	Obstruction	Obstruction		NA						
Channel Gradient	> 10% (> 6 deg) Very Steep	Canopy Closure	Canopy Closure (Est.)		60 to 70%						
Is floodplain present?	No	Bankfull Width (Bankfull Width (ft)		NA						
Probed Stream Depth	0 to 6 inches	Existing Water V	Existing Water Width (ft)		1						
Top of Bank (ft)	5	Presumed Regu	Presumed Regulatory Authority		U.S. Army Corp						
Ordinary High Water Mark (ft)	2	Water Quality	Water Quality		urbid						
OHWM Indicators	Bed and Banks, Scour, Natural Line Impressed on Bank										
Water Quality Comments											
Bank Substrate(s)	Cobble/Gravel, Silt/Clay										
Aquatic Habitat(s)											
Observed Use											
Observed Fauna(s)											
RTE Present? Unknown	RTE Species & Evidence										
Bank Bank Heig	ht (ft)	Bank Slop			Bank Erosion Potential						
LEFT BANK 2.5		> 35% (> 20 deg) V			Moderate						
RIGHT BANK 2		> 35% (> 20 deg) Very Steep Moderate									
NOTES:											



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-22 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	ID S-JMP-23		Classificatio	on Ephemeral					
Stream Name	Unnamed ephemeral stream			Date		2021-09-14 12:0			
Address Carlisle Road Sprakers			NY 12166 US,						
Location Description									
Evaluator(s)		Jerry Peake,	Jerry Peake, Steve Spotts						
Latitude, Longitude (WG	S84)	42.83843644	42.83843644, -74.4955153231						
STREAM / WAT	ERBOD	(CHARAG	CTERISTICS						
Flow Stage		Low		Flow Direction	on		SW		
Average Depth		1		Perceptible F	low	I	Yes		
Channel Substrate		Cobble/Gra	Cobble/Gravel, Silt/Clay, Sand		Obstruction		NA		
Channel Gradient		2 to 4% (1 to 2 deg) Moderate		Canopy Clos	Canopy Closure (Est.)		80 to 90%		
Is floodplain present?		No		Bankfull Wid	Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		1.5		
Top of Bank (ft)		4		Presumed Re	Presumed Regulatory Authority		U.S. A	U.S. Army Corp	
Ordinary High Water Mark (ft)		2		Water Quality	у		Clear		
OHWM Indicators		Bed and Banks, Deposition, Natural Line Impressed on Bank							
Water Quality Comments									
Bank Substrate(s)	Bank Substrate(s)		Cobble/Gravel, Silt/Clay						
Aquatic Habitat(s)									
Observed Use									
Observed Fauna(s)									
RTE Present? Unknow	RTE Specie	es & Evidence							
Bank Bank Height (ft)			Bank Slope				Bank Erosion Potential		
LEFT BANK	LEFT BANK 3.5		> 35% (> 20 deg) Very Steep				Moderate		
RIGHT BANK 3.5			> 35% (> 20 deg) Very Steep Moderate				Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-23 Page 2 of 2



STREAM / WATE	RBODY	OVERVIE	EW						
Stream/Water ID	S-JMP-24			Classif	cation	Ephemeral			
Stream Name	Unname	d ephemera	l stream	Date	Date 2021-09-14 13		:23:36		
Address									
Location Description									
Evaluator(s)		Jerry Peake, Steve Spotts							
Latitude, Longitude (WGS	84)	42.8363831717, -74.4937199798							
STREAM / WATE	RBODY	CHARAC	CHARACTERISTICS						
Flow Stage		Dry		Flow D	Flow Direction		SW		
Average Depth		0		Percep	tible Flow	v	No		
Channel Substrate		Cobble/Gravel, Sand, Silt/Clay, Boulders		Obstru	Obstruction		NA		
Channel Gradient		> 10% (> 6 deg) Very Steep		Canop	Canopy Closure (Est.)		60 to 70%		
Is floodplain present?		No		Bankfu	Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inches		Existin	Existing Water Width (ft)		0		
Top of Bank (ft)		5		Presu	Presumed Regulatory Authority		U.S. Army Corp		
Ordinary High Water Mark (ft)		3		Water	Water Quality				
OHWM Indicators		Bed and Banks, Natural Line Impressed on Bank							
Water Quality Comments		no water in channel							
Bank Substrate(s)		Cobble/Gravel, Silt/Clay							
Aquatic Habitat(s)		Overhanging Vegetation							
Observed Use									
Observed Fauna(s)									
RTE Present? Unknown RTE			TE Species & Evidence						
Bank Bank Height (ft)		Bank Slope				Bank Erosion Potential			
LEFT BANK	FT BANK 1.5		25 to 35% (14 to 20 deg) Steep				Moderate		
RIGHT BANK 2			25 to 35% (14 to 20 deg) Steep Moderate					Moderate	
NOTES:									



Upstream Photo:



Downstream Photo:

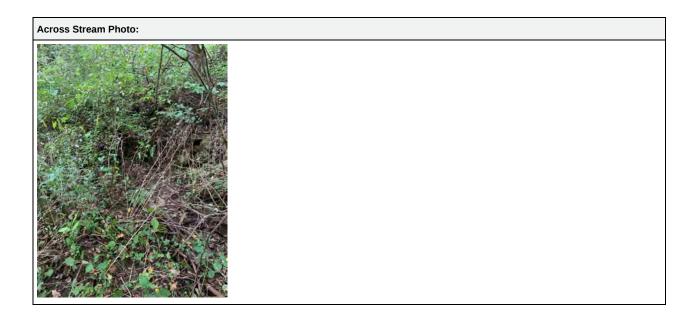


Downstream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-24 Page 2 of 3







STREAM / WATERBODY OVERVIEW									
Stream/Water ID	ID S-JMP-25			Classification	Classification Ephemeral				
Stream Name	Unnamed ephemeral stream			Date	Date 2021-09-14 13:33:02				
Address	Flat Creek	New York,							
Location Description									
Evaluator(s)		Jerry Peake,	Jerry Peake, Steve Spotts						
Latitude, Longitude (WG	S84)	42.83570258	42.8357025819, -74.4927313598						
STREAM / WATE		(CHARAG	CTERISTICS						
Flow Stage		Dry		Flow Direction		NW			
Average Depth		0		Perceptible Flow	v	No			
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction	Obstruction				
Channel Gradient		> 10% (> 6 deg) Very Steep		Canopy Closure	Canopy Closure (Est.)		70 to 80%		
Is floodplain present?		No		Bankfull Width (ft)		NA	NA		
Probed Stream Depth		0 to 6 inches		Existing Water Width (ft)		0	0		
Top of Bank (ft)		3		Presumed Regulatory Authority		U.S. Army Corp			
Ordinary High Water Mark (ft)		1.5		Water Quality					
OHWM Indicators		Bed and Banks, Natural Line Impressed on Bank							
Water Quality Comments		no water in channel							
Bank Substrate(s)		Cobble/Gravel, Silt/Clay							
Aquatic Habitat(s)									
Observed Use									
Observed Fauna(s)									
RTE Present? Unknown RTE Specie			es & Evidence						
Bank E	Bank Height (ft)			Bank Slope			Bank Erosion Potential		
LEFT BANK 1.5		> 35% (> 20 deg) Very Steep				Moderate			
RIGHT BANK 1.5			> 35% (> 20 deg) Very Steep Moderate				Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-25 Page 2 of 2



STREAM / V	NATERBO	DY OVERVI	EW					
Stream/Water II	D S-JM	P-26		Classification	Ephemeral			
Stream Name	Unna	med ephemera	al stream	Date	2021-09-14 13:4			
Address	Flat Ci	eek New York,						
Location Descripti	on							
Evaluator(s)		Jerry Peake,	Steve Spotts					
Latitude, Longitud	e (WGS84)	42.83577887	25, -74.4927912492					
STREAM / V	NATERBO	DY CHARA	CTERISTICS					
Flow Stage		Dry		Flow Direction		NW		
Average Depth		0		Perceptible Flow	N	No		
Channel Substrate)	Boulders, C Silt/Clay	Cobble/Gravel, Sand	, Obstruction		NA		
Channel Gradient		4 to 10% (2	to 6 deg) Steep	Canopy Closure	Canopy Closure (Est.) 90		100%	
Is floodplain prese	ent?	No		Bankfull Width (ft) NA		NA		
Probed Stream De	pth	0 to 6 inche	es	Existing Water \	Width (ft)	0		
Top of Bank (ft)		8		Presumed Regu	Presumed Regulatory Authority U.S. A			
Ordinary High Wat	er Mark (ft)	4		Water Quality				
OHWM Indicators		Bed and Ba	anks, Natural Line Ir	npressed on Bank, S	Scour			
Water Quality Com	nments	no water in	channel					
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay					
Aquatic Habitat(s)								
Observed Use								
Observed Fauna(s)							
RTE Present? U	nknown	RTE Speci	es & Evidence					
Bank	Bank H	eight (ft)		Bank Slop	e		Bank Erosion Potential	
LEFT BANK		3	> 35% (> 20 deg) Very Steep Mode					
RIGHT BANK		3 > 35% (> 20 deg) Very Steep Moderate					Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WAT	ERBOD	Y OVERVI	EW					
Stream/Water ID	S-JMP-2	27		Classification	Perennial			
Stream Name	Flat Cre	ek, 876-258		Date	2021-09-14 14:2	5:41		
Address	Carlisle R	oad Flat Creek	K New York,					
Location Description								
Evaluator(s)		Jerry Peake,	Steve Spotts					
Latitude, Longitude (WC	SS84)	42.835536, -7	74.495602					
STREAM / WAT	ERBOD	Y CHARA	CTERISTICS					
Flow Stage		Moderate		Flow Direction		E		
Average Depth	8		Perceptible Flow	N	Yes			
Channel Substrate			ilt/Clay, vel, Sand	Obstruction		NA		
Channel Gradient	Channel Gradient < 2%			Canopy Closure	Canopy Closure (Est.)		0%	
Is floodplain present?		No	Bankfull Width (ft		(ft)	NA		
Probed Stream Depth		6 to 12 inch	6 to 12 inches		Width (ft)	25		
Top of Bank (ft)		35	35		llatory Authority	U.S. A	rmy Corp	
Ordinary High Water Ma	ırk (ft)	30		Water Quality		Clear		
OHWM Indicators		Natural Line	e Impressed on Ban	k, Scour, Bed and B	anks, Sediment Sorti	ng		
Water Quality Comment	S							
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay, Bould	ers				
Aquatic Habitat(s)		Overhangin	g Vegetation, Riffle	- Pool				
Observed Use								
Observed Fauna(s)		Invertebrate	es					
RTE Present? Unknow	/n	RTE Specie	es & Evidence					
Bank Bank Height (ft)				Bank Slope			Bank Erosion Potential	
LEFT BANK 6 > 35% (> 20 deg) Very Steep M				Moderate				
RIGHT BANK	IGHT BANK 4 25 to 35% (14 to 20 deg) Steep Moderate					Moderate		
NOTES:								



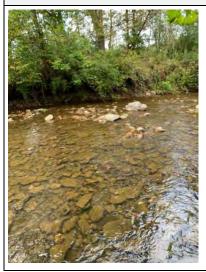
Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-27 Page 2 of 2



STREAM / \	NATERBOD	Y OVERVI	EW					
Stream/Water II	D S-JMP	28		Classification	Intermittent			
Stream Name	Unnam	ed intermitte	nt stream	Date	2021-09-16 11:3	34:04		
Address	392–426	Rappa Rd Spr	akers NY 12166 US	,				
Location Descripti	on							
Evaluator(s)		Jerry Peake,	Steve Spotts					
Latitude, Longitud	e (WGS84)	42.85617710	32, -74.512121903	5				
STREAM / \	NATERBOD	Y CHARA	CTERISTICS					
Flow Stage		Moderate		Flow Direction		Ν		
Average Depth		6		Perceptible Flov	v	Yes		
Channel Substrate	9	Silt/Clay		Obstruction		NA		
Channel Gradient		< 2% (< 1 c	leg) Gentle	Canopy Closure	e (Est.)	0 to 10%		
Is floodplain prese	ent?	No		Bankfull Width (ft)		NA		
Probed Stream De	pth	0 to 6 inche	S	Existing Water W	Vidth (ft)	2		
Top of Bank (ft)		3		Presumed Regu	latory Authority	U.S. Army Corp		
Ordinary High Wat	er Mark (ft)	2	Water Quality			Slightly Turbid		
OHWM Indicators		Bed and Ba	anks					
Water Quality Com	nments							
Bank Substrate(s)		Silt/Clay, Co	obble/Gravel					
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		Drainage						
Observed Fauna(s)							
RTE Present? U	nknown	RTE Speci	es & Evidence					
Bank Bank Height (ft)				Bank Slop	e	Bank Erosion Potential		
LEFT BANK	BANK 0.5 8 to 8% (0			to 5 deg) Nearly Lev	el to Gently Sloping	Low		
RIGHT BANK	GHT BANK 0.5 0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					Low		
NOTES: Heavy p	recipitation 2 day	s prior to data p	lot collection					



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-JMP-28 Page 2 of 2



STREAM / WATE	RBOD	OVERVI	EW					
Stream/Water ID	S-KCF-0)1		Cla	ssification	Intermittent		
Stream Name	Tributary Class C	to unname stream	d NYSDEC	Dat	Date 2021-08-16 11:41:4		1:42	
Address	Canalway	Trail- Erie Car	nal Trail Sprakers N	Trail Sprakers New York 12166 United States,				
Location Description		Incised portio	n of forested slope					
Evaluator(s)		Kevin Fergus	on,OTHER, B	Brian (Corrigan			
Latitude, Longitude (WGS	S84)	42.89082144	53, -74.4967630612	2				
STREAM / WATE	RBOD	CHARAG	CTERISTICS					
Flow Stage		Dry		FI	low Direction		N	
Average Depth		0		P	erceptible Flov	v	No	
Channel Substrate		Boulders, S	ilt/Clay	0	bstruction		NA	
Channel Gradient		4 to 10% (2	to 6 deg) Steep	С	anopy Closure	e (Est.)	60 to ⁻	70%
Is floodplain present?		No		в	Bankfull Width (ft) NA		NA	
Probed Stream Depth		0 to 6 inche	S	E	xisting Water V	Vidth (ft)	0	
Top of Bank (ft)		1.5		P	resumed Regu	latory Authority	U.S. A	Army Corp
Ordinary High Water Marl	k (ft)	3		w	ater Quality			
OHWM Indicators		Natural Line Litter and D		nk, Di	sturbed/Washe	d-away Leaf Litter, Sc	our, Sh	elving, Bed and Banks,
Water Quality Comments		No water in	stream					
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation, Riffle	- Po	ol, Plunge Pools	5		
Observed Use		None						
Observed Fauna(s)		None						
RTE Present? Unknown	ı	RTE Specie	es & Evidence		N/A			
Bank E	nk Bank Height (ft)				Bank Slop	e		Bank Erosion Potential
LEFT BANK	BANK 1 8 to 8% (0			to 5	deg) Nearly Lev	el to Gently Sloping		Low
RIGHT BANK 1 0 to 8% (0 to 9)					deg) Nearly Lev	el to Gently Sloping		Low
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-01 Page 2 of 3







STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-KCF-	02		Classification	Ephemeral			
Stream Name	None			Date	2021-08-16 11:32	2:35		
Address	Canalway	/ Trail- Erie Ca	nal Trail Sprakers N	Trail Sprakers New York 12166 United States,				
Location Description		Incised portio	portion of forested area					
Evaluator(s)		Kevin Fergus	on,OTHER, B	rian Corrigan				
Latitude, Longitude (W	GS84)	42.89084077	52, -74.4966038408	5				
STREAM / WAT	ERBOD	Y CHARA	CTERISTICS					
Flow Stage		Dry		Flow Direction		N		
Average Depth 0				Perceptible Flow	v	No		
Channel Substrate		Silt/Clay		Obstruction		NA		
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure	e (Est.)	70 to 8	0%	
Is floodplain present?		No		Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inche	S	Existing Water \	Width (ft)	0		
Top of Bank (ft)		0.5		Presumed Regu	latory Authority			
Ordinary High Water Ma	urk (ft)	2	Water Quality					
OHWM Indicators		Natural Line	e Impressed on Ban	k, Disturbed/Washe	d-away Leaf Litter, Sc	cour		
Water Quality Commen	ts	No water of	oserved					
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		None						
Observed Fauna(s)		None						
RTE Present? Unknow	vn	RTE Speci	es & Evidence	N/A				
Bank	Bank Height (ft)				e		Bank Erosion Potential	
LEFT BANK	0.5	8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping					Low	
RIGHT BANK	BANK 0.5 0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					Low		
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-02 Page 2 of 3







Stream/Water ID S-KCF-03	C	Classification					
		JIdSSIIICation	Intermittent				
Stream Name None-tributary to NYSDEC Class	co unnamed s C stream	Date	2021-08-16 14:4	5:36			
Address Canalway Trail- Eri	ie Canal Trail Sprakers Ne	nal Trail Sprakers New York 12166 United States,					
Location Description Deeply	incised portion of forested	area					
Evaluator(s) Kevin F	erguson,OTHER, Bri	ian Corrigan					
Latitude, Longitude (WGS84) 42.8919	99923, -74.4974807447						
STREAM / WATERBODY CHARACTERISTICS							
Flow Stage Dry Flow Direction S							
Average Depth 9		Perceptible Flov	v	No			
Channel Substrate Bould	lers, Silt/Clay	Obstruction		NA			
Channel Gradient 4 to 10	0% (2 to 6 deg) Steep	Canopy Closure	e (Est.)	70 to 80%			
Is floodplain present? No		Bankfull Width (ft) NA		NA			
Probed Stream Depth 0 to 6	inches	Existing Water Width		0			
Top of Bank (ft) 15		Presumed Regulatory Authority U.		U.S. Army Corp			
Ordinary High Water Mark (ft) 8		Water Quality					
OHWM Indicators	al Line Impressed on Bank ing, Bed and Banks, Litter			shed-away Leaf Litter, Scour, n			
Water Quality Comments No wa	ater observed						
Bank Substrate(s) Cobbl	le/Gravel, Silt/Clay						
Aquatic Habitat(s) Overh	nanging Vegetation, Riffle -	Pool, Plunge Pools	6				
Observed Use None							
Observed Fauna(s) None							
RTE Present? Unknown RTE S	Species & Evidence	N/A					
Bank Bank Height (ft)		Bank Slop	e	Bank Erosion Potential			
LEFT BANK 2	25	5 to 35% (14 to 20 c	leg) Steep	Moderate			
RIGHT BANK 1	25	5 to 35% (14 to 20 c	leg) Steep	Moderate			
NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-03 Page 2 of 3







STREAM / WA	FERBOD	Y OVERVI	EW					
Stream/Water ID	S-KCF-4	1		Classification	Ephemeral			
Stream Name				Date	2021-08-17 09:5	1:08		
Address	Unnamed	Road Spraker	s New York 12166	United States,				
Location Description								
Evaluator(s)		Kevin Fergus	on, Abi Light					
Latitude, Longitude (W	GS84)	42.8885157,	-74.4955526					
STREAM / WA	FERBOD	Y CHARA	CTERISTICS					
Flow Stage		Dry		Flow Direction		N		
Average Depth	3		Perceptible Flow	N	No			
Channel Substrate Col			vel, Silt/Clay	Obstruction		NA		
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure	e (Est.)	50 to	60%	
Is floodplain present?		No		Bankfull Width (ft)		NA	A	
Probed Stream Depth		0 to 6 inche	S	Existing Water Width (ft)		0		
Top of Bank (ft)		3		Presumed Regu	latory Authority			
Ordinary High Water N	ark (ft)	3	Water Quality					
OHWM Indicators		Disturbed/W	Disturbed/Washed-away Leaf Litter					
Water Quality Comme	its							
Bank Substrate(s)		Silt/Clay, Or	rganic					
Aquatic Habitat(s)		Overhangin	g Vegetation, Riffle	- Pool				
Observed Use								
Observed Fauna(s)								
RTE Present?		RTE Specie	es & Evidence					
Bank Bank Height (ft)				Bank Slop	e		Bank Erosion Potential	
LEFT BANK 1.5 8			8 to 8% (0	8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping			Low	
RIGHT BANK		0 to 8% (0	to 5 deg) Nearly Lev	vel to Gently Sloping		Low		
NOTES:								



Upstream Photo:



Downstream Photo:

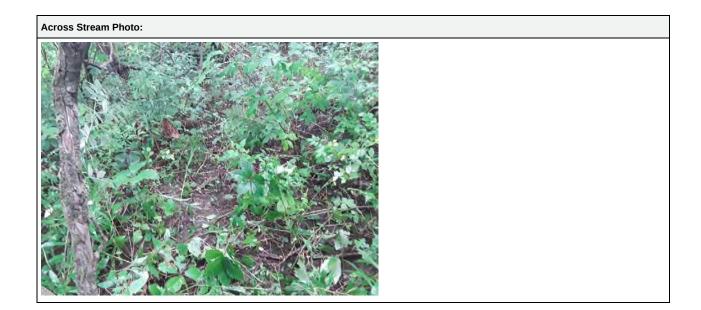


Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-4 Page 2 of 3







STREAM / W	VATERBOD	Y OVERVI	EW					
Stream/Water ID	S-KCF-()5		Classification	Intermittent			
Stream Name	unname	d intermitten	nt stream	Date 2021-08-17 10:01:39				
Address	Unnamed	Road Spraker	s New York 12166	United States,				
Location Description	on							
Evaluator(s)		Kevin Fergus	on, Abi Light					
Latitude, Longitude	e (WGS84)	42.888249, -7	74.4957195					
STREAM / W	VATERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Low		Flow Direction		N		
Average Depth		2		Perceptible Flov	v	Yes		
Channel Substrate		Silt/Clay		Obstruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	20 to 3	30%	
Is floodplain preser	nt?	Yes		Bankfull Width (ft) 4		4	l	
Probed Stream Dep	oth	0 to 6 inche	S	Existing Water Width (ft)		4		
Top of Bank (ft)		NA		Presumed Regu	latory Authority			
Ordinary High Wate	er Mark (ft)	4		Water Quality		Turbic	l	
OHWM Indicators		Disturbed/W	Disturbed/Washed-away Leaf Litter					
Water Quality Com	ments							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		_						
Observed Fauna(s)								
RTE Present?		RTE Specie	es & Evidence					
Bank Bank Height (ft)			Bank Slop	e		Bank Erosion Potential		
LEFT BANK	LEFT BANK 1 8 to 8% (0 t			to 5 deg) Nearly Lev	el to Gently Sloping		Low	
RIGHT BANK 1 0 to 8% (0 to 5 deg) Nearly Level to Gently Slopin					el to Gently Sloping		Low	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-05 Page 2 of 3

Across Stream Photo:







STREAM / WATERBODY OVERVIEW									
Stream/Water	ID	S-KCF-0	06	(Classification	Ephemeral			
Stream Name				ſ	Date	2021-08-17 12:4	2021-08-17 12:41:34		
Address		Unnamed	Road Spraker	ers New York 12166 United States,					
Location Descrip	tion								
Evaluator(s)			Kevin Fergus	/in Ferguson, Abi Light					
Latitude, Longitu	ide (WGS	684)	42.8882393,	-74.4952685					
STREAM /	WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage Dry					Flow Direction		Ν		
Average Depth 3			3		Perceptible Flow	N	No		
Channel Substrate Silt/Clay			Silt/Clay		Obstruction		NA		
Channel Gradient 2 to 4%			2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure	e (Est.)	60 to 7	o 70%	
Is floodplain pres	sent?		No		Bankfull Width (ft)		NA		
Probed Stream D	epth		0 to 6 inche	S	Existing Water V	Width (ft)	0		
Top of Bank (ft)			5		Presumed Regu	latory Authority			
Ordinary High Wa	ater Mark	: (ft)	4		Water Quality				
OHWM Indicators	5		Disturbed/W	isturbed/Washed-away Leaf Litter, Litter and Debris					
Water Quality Co	mments								
Bank Substrate(s	5)		Silt/Clay						
Aquatic Habitat(s	5)		Overhangin	g Vegetation					
Observed Use									
Observed Fauna((s)								
RTE Present?			RTE Specie	es & Evidence					
Bank Bank Height (ft)					Bank Slope			Bank Erosion Potential	
LEFT BANK 2				8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping				Moderate	
RIGHT BANK 2				0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Moderate			Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:

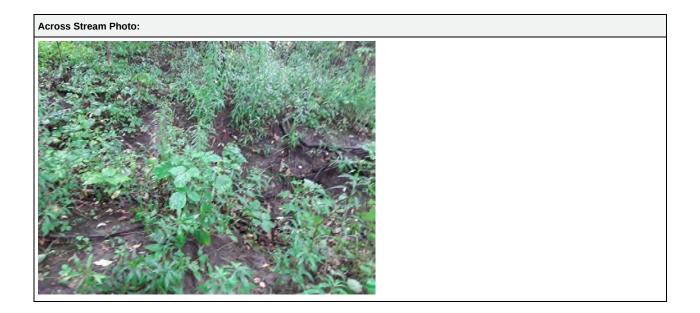


Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-06 Page 2 of 3







STREAM /	WATEF	RBOD	YOVERVI	EW					
Stream/Water I	D S	S-KCF-0)8		Classification	Ephemeral			
Stream Name					Date	Date 2021-08-17 13:27:38			
Address	U	Jnnamed	Road Spraker	s New York 12166	United States,				
Location Descript	tion								
Evaluator(s)			Kevin Fergus	on, Abi Light					
Latitude, Longitud	de (WGS8	4)	42.889355, -7	4.4952396					
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage			Dry		Flow Direction		N		
Average Depth			0		Perceptible Flow	N	No		
Channel Substrate	e		Cobble/Gra	vel, Silt/Clay	Obstruction		NA		
Channel Gradient			< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	40 to 5	50%	
Is floodplain pres	ent?		No		Bankfull Width (ft) NA		NA	4	
Probed Stream De	epth		0 to 6 inche	S	Existing Water	Width (ft)	0		
Top of Bank (ft)			4		Presumed Regu	latory Authority			
Ordinary High Wa	ter Mark ((ft)	3	Water Quality					
OHWM Indicators			Disturbed/W	/ashed-away Leaf I	Litter				
Water Quality Cor	nments								
Bank Substrate(s))		Silt/Clay						
Aquatic Habitat(s))		Overhangin	g Vegetation, Riffle	- Pool				
Observed Use									
Observed Fauna(s	s)								
RTE Present?			RTE Specie	es & Evidence					
Bank Bank Height (ft)				Bank Slope			Bank Erosion Potential		
LEFT BANK 2 8 to 8				8 to 8% (0	to 5 deg) Nearly Lev	vel to Gently Sloping		Low	
RIGHT BANK 1.5 0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					Low				
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-08 Page 2 of 3

<image>





STREAM / WA	ERBOD	Y OVERVI	EW					
Stream/Water ID	S-KCF-	09	(Classification	Ephemeral			
Stream Name			1	Date	2021-08-17 13:5	2:17		
Address	Unnamed	l Road Spraker	rs New York 12166 L	New York 12166 United States,				
Location Description								
Evaluator(s)		Kevin Fergus	Kevin Ferguson, Abi Light					
Latitude, Longitude (W	GS84)	42.8898286,	-74.4950433					
STREAM / WA	FERBOD	Y CHARA	CTERISTICS					
Flow Stage		Dry		Flow Direction		N		
Average Depth	0		Perceptible Flow	N	No			
Channel Substrate Bould			ilt/Clay	Obstruction		NA		
Channel Gradient		< 2% (< 1 d	leg) Gentle	Canopy Closure	e (Est.)	30 to 4	0%	
Is floodplain present?		No		Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inche	nches Existing Wat		Width (ft)	0		
Top of Bank (ft)		5	5		latory Authority			
Ordinary High Water M	ark (ft)	4	4					
OHWM Indicators		Disturbed/V	Disturbed/Washed-away Leaf Litter					
Water Quality Commer	ts							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use								
Observed Fauna(s)				1				
RTE Present? Unkno	wn	RTE Specie	es & Evidence					
Bank	Bank Height (ft)			Bank Slop	e		Bank Erosion Potential	
LEFT BANK	1		8 to 8% (0 t	o 5 deg) Nearly Lev	vel to Gently Sloping		Low	
RIGHT BANK 2 0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping L					Low			
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-09 Page 2 of 3







STREAM / WAT	ERBOD	YOVERVI	EW				
Stream/Water ID	S-KCF-1	.0		Classification	Ephemeral		
Stream Name	Tributary Class C	to unname stream	d NYSDEC	Date	2021-08-18 07:34	4:34	
Address	Canalway	Trail- Erie Car	nal Trail Sprakers N	lew York 12166 Unite	ed States,		
Location Description							
Evaluator(s)		Kevin Fergus	on,OTHER, E	Brian Corrigan			
Latitude, Longitude (WG	S84)	42.8907677,	-74.4956649				
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS				
Flow Stage		Dry		Flow Direction		Ν	
Average Depth		0		Perceptible Flow	N	No	
Channel Substrate		Silt/Clay		Obstruction		NA	
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	50 to 6	60%
Is floodplain present?		No		Bankfull Width	(ft)	NA	
Probed Stream Depth		0 to 6 inche	s	Existing Water \	Width (ft)	0	
Top of Bank (ft)		2		Presumed Regu	llatory Authority		
Ordinary High Water Ma	rk (ft)	2	Water Quality				
OHWM Indicators		Disturbed/W	Vashed-away Leaf	Litter			
Water Quality Comments	6						
Bank Substrate(s)		Silt/Clay					
Aquatic Habitat(s)		Overhangin	g Vegetation				
Observed Use							
Observed Fauna(s)							
RTE Present?		RTE Specie	es & Evidence				
Bank	Bank Heig	The Bank Slope				Bank Erosion Potential	
LEFT BANK	0.5	8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					Low
RIGHT BANK	IGHT BANK 0.5 0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					Low	
NOTES:							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-10 Page 2 of 3







STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-KCF-11			Classification	Intermittent			
Stream Name	Tributary to unnamed NYSDEC Class C stream		d NYSDEC	Date 2021-08-18 08:0		3:52		
Address	Canalway	Trail- Erie Car	ail- Erie Canal Trail Sprakers New York 12166 United States,					
Location Description								
Evaluator(s)		Kevin Ferguson,OTHER, Brian Corrigan						
Latitude, Longitude (WGS84) 4		42.8916478, -74.4961036						
STREAM / WATERBODY CHARACTERISTICS								
Flow Stage		Low		Flow Direction		Ν		
Average Depth		2		Perceptible Flow		Yes		
Channel Substrate		Boulders, Silt/Clay		Obstruction		NA		
Channel Gradient		4 to 10% (2 to 6 deg) Steep		Canopy Closure	Canopy Closure (Est.)		70 to 80%	
Is floodplain present?		No		Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inches		Existing Water Width (ft)		3		
Top of Bank (ft)		3		Presumed Regulatory Authority				
Ordinary High Water Mark (ft)		3		Water Quality		Slightly Turbid		
OHWM Indicators		Disturbed/Washed-away Leaf Litter						
Water Quality Comments		It just rained a lot						
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhanging Vegetation, Plunge Pools						
Observed Use								
Observed Fauna(s)								
RTE Present?		RTE Species & Evidence						
Bank I	Bank Height (ft)		Bank Slope				Bank Erosion Potential	
LEFT BANK	1		8 to 15% (5 to 9 deg) Moderately Sloping				Moderate	
RIGHT BANK	2		8 to 15% (5 to 9 deg) Moderately Sloping				Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:

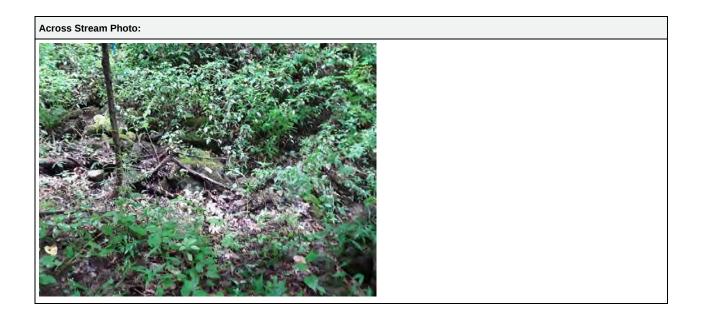


Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-11 Page 2 of 3







STREAM / V	WATER	BODY	OVERVI	EW						
Stream/Water II	D S-	KCF-12	2		Cla	assification	Perennial			
Stream Name		nnamed ream	I NYSDEC	Class C	Da	te	2021-08-18 10:0	2021-08-18 10:08:22		
Address	Sp	orakers N	Y 12166 US,							
Location Descripti	ion	ļ	Deep valley							
Evaluator(s)		I	Kevin Fergus	on, Ben Carrigan						
Latitude, Longitud	le (WGS84))	42.88981325	46, -74.501975700	3					
STREAM / V	WATER	BODY	CHARAC	CTERISTICS						
Flow Stage			Moderate		F	low Direction		N		
Average Depth			8		P	Perceptible Flow				
Channel Substrate	9		Cobble/Grav	vel, Boulders	С	Obstruction		NA		
Channel Gradient			2 to 4% (1 to	2 to 4% (1 to 2 deg) Moderate Canopy Closure (Est.) 70 to 80					70 to 80%	
Is floodplain prese	ent?		No Bankfull Width (ft) NA							
Probed Stream De	pth		0 to 6 inches Existing Water Width (ft) 6							
Top of Bank (ft)			22 Presumed Regulatory Authority							
Ordinary High Wat	ter Mark (ft	t)	20		v	Vater Quality		Clear		
OHWM Indicators			Observed F		Wat	er Staining, Shel	lving, Bed and Banks		acter Change, Multiple and Debris, Sediment	
Water Quality Com	nments									
Bank Substrate(s)			Cobble/Grav	vel, Silt/Clay						
Aquatic Habitat(s)			Overhangin	g Vegetation, Unde	ercut	Banks, Gravel B	Beach Bar, Sand Bar,	Riffle -	Pool, Plunge Pools	
Observed Use										
Observed Fauna(s	5)		Frogs							
RTE Present? N	0		RTE Specie	es & Evidence						
Bank	Ban	ık Heigh	nt (ft)	(fft) Bank Slope				Bank Erosion Potential		
LEFT BANK		3			> 35	5% (> 20 deg) Ve	ery Steep		Moderate	
RIGHT BANK		3			> 35	5% (> 20 deg) Ve	ery Steep		Moderate	
NOTES:										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-12 Page 2 of 2



STREAM / WATE	ERBOD	Y OVERVI	EW					
Stream/Water ID	S-KCF-1	.3		Cla	ssification	Intermittent		
Stream Name	Tributary Class C	to unnamed stream	d NYSDEC	Dat	te	2021-08-18 12:4		
Address	Sprakers I	New York 1216	6 United States,					
Location Description								
Evaluator(s)		Kevin Fergus	on,OTHER, E	Brian	Corrigan			
Latitude, Longitude (WG	S84)	42.886607, -7	4.4989975					
STREAM / WATE	ERBOD	Y CHARAG	CTERISTICS	i				
Flow Stage		Dry		F	low Direction		N	
Average Depth		0		P	erceptible Flov	v	No	
Channel Substrate		Cobble/Grav	vel, Silt/Clay	0	Obstruction NA			
Channel Gradient	4 to 10% (2 to 6 deg) Steep				Canopy Closure (Est.) 60			70%
Is floodplain present?	present? No			в	Bankfull Width (ft)	NA	
Probed Stream Depth		0 to 6 inche	s	E	xisting Water V	Vidth (ft)	0	
Top of Bank (ft)		4		Р	resumed Regu	latory Authority	U.S. A	Army Corp
Ordinary High Water Mar	k (ft)	3		v	Vater Quality			
OHWM Indicators		Disturbed/W	/ashed-away Leaf	Litter				
Water Quality Comments	5							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use								
Observed Fauna(s)								
RTE Present?		RTE Specie	es & Evidence					
Bank I	Bank Heig	ht (ft)			Bank Slop	e		Bank Erosion Potential
LEFT BANK	0.5		8 to 15% (5 to 9 deg) Moderately Sloping Moderate					Moderate
RIGHT BANK	0.5		8 to 15% (5 to 9 deg) Moderately Sloping Moderate					
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-13 Page 2 of 3







STREAM / WATE		OVERVI	EW						
Stream/Water ID	S-KCF-1	.4		Cla	assification	Intermittent			
Stream Name		butary to un C Class C st		Da	te	2021-08-19 07:4	5:15		
Address	Unnamed	Road Spraker	s New York 12166	United States,					
Location Description		Incised portio	n of valley in forest	of valley in forested area					
Evaluator(s)		Kevin Fergus	on,OTHER, B	rian	Corrigan				
Latitude, Longitude (WGS	S84)	42.8884659,	74.5009845						
STREAM / WATE		(CHARAG	CTERISTICS						
Flow Stage		High		F	low Direction		N		
Average Depth		6		F	Perceptible Flow	v	Yes		
Channel Substrate		Boulders, C Silt/Clay	obble/Gravel,	c	Obstruction N		NA		
Channel Gradient	Channel Gradient 4 to 10% (2 to 6 de			c	Canopy Closure (Est.) 6		60 to ⁻	70%	
Is floodplain present?			E	Bankfull Width ((ft)	NA			
Probed Stream Depth	Stream Depth 0 to 6 inches			E	Existing Water V	Width (ft)	8		
Top of Bank (ft)		18		F	Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High Water Mar	k (ft)	8		v	Vater Quality		Turbic	l	
OHWM Indicators			e Impressed on Bar , Litter and Debris,			Absent Vegetation, Di	sturbed	/Washed-away Leaf	
Water Quality Comments	i	Currently ex	periencing rain						
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Grav	el Be	each Bar, Riffle -	Pool, Plunge Pools			
Observed Use									
Observed Fauna(s)		none							
RTE Present? Unknown	ו	RTE Specie	es & Evidence		None				
Bank E	Bank Heig	ht (ft)			Bank Slop	e		Bank Erosion Potential	
LEFT BANK	1.5		8 to 1	5%	(5 to 9 deg) Mod	lerately Sloping		Moderate	
RIGHT BANK 5 15 to 25% (9 to 14 deg) Steeply Sloping Moderate						Moderate			
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071







STREAM / WATE	RBOD	OVERVI	EW						
Stream/Water ID	S-KCF-1	.5		Cla	assification	Intermittent			
Stream Name		ibutary to un C Class C st		Da	te	2021-08-19 13:08	8:19		
Address	Sprakers I	NY 12166 US,							
Location Description		Incised chann	el in forested area	in forested area					
Evaluator(s)		Kevin Fergus	son,OTHER, Brian Carrigan						
Latitude, Longitude (WGS	S84)	42.885808710	66, -74.501199536	1					
STREAM / WATE	RBOD	CHARAG	CTERISTICS						
Flow Stage		Moderate		F	-low Direction		N		
Average Depth		6		F	Perceptible Flov	v	Yes		
Channel Substrate		Cobble/Gra	vel, Sand, Silt/Clay	C	Obstruction				
Channel Gradient	2 to 4% (1 to 2 deg) Mod			c	Canopy Closure (Est.)		50 to 60%		
Is floodplain present?		No Bankfull Width (ft) NA				NA			
Probed Stream Depth		0 to 6 inches			Existing Water V	Vidth (ft)	2		
Top of Bank (ft)		4.5		F	Presumed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High Water Mar	k (ft)	4		۷	Nater Quality		Slight	y Turbid	
OHWM Indicators			e Impressed on Bar position, Wrack	ık, D	9isturbed/Washe	d-away Leaf Litter, Sc	our, Be	d and Banks, Sediment	
Water Quality Comments		Recent hear	vy precipitation						
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Riffle	- Po	lool				
Observed Use		None							
Observed Fauna(s)		Frogs							
RTE Present? Unknown	ı	RTE Specie	es & Evidence		N/A				
Bank E	Bank Heig	ht (ft)	(ft) Bank Slope Bank				Bank Erosion Potential		
LEFT BANK	1		15 to	25%	% (9 to 14 deg) S	teeply Sloping		Moderate	
RIGHT BANK	Image: 1 15 to 25% (9 to 14 deg) Steeply Sloping Moderate					Moderate			
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-15 Page 2 of 2



STREAM / WATERBOI	Y OVERVI	EW						
Stream/Water ID S-KCF	-16		Classification	Intermittent				
Stroom Nomo	ributary to un EC Class C si		Date	2021-08-19 13:10	6:02	02		
Address Spraker	New York 121	66 United States,						
Location Description	Incised withir	n valley						
Evaluator(s)	Kevin Fergus	on,OTHER, B	,OTHER, Brian Corrigan					
Latitude, Longitude (WGS84)	42.8860654,	-74.5002153						
STREAM / WATERBO	Y CHARA	CTERISTICS						
Flow Stage	Moderate		Flow Direction		N			
Average Depth	3		Perceptible Flow	N	Yes			
Channel Substrate	Silt/Clay		Obstruction		NA			
Channel Gradient	lient < 2% (< 1 deg) Gentle			Canopy Closure (Est.)		0%		
Is floodplain present?	Iplain present? No			(ft)	NA			
Probed Stream Depth	0 to 6 inche	es	Existing Water \	Width (ft)	3			
Top of Bank (ft)	4		Presumed Regu	llatory Authority	U.S. A	rmy Corp		
Ordinary High Water Mark (ft)	3		Water Quality Slightly Tur			/ Turbid		
OHWM Indicators	Disturbed/V	Vashed-away Leaf L	litter, Scour, Litter ar	nd Debris				
Water Quality Comments	Experience	d heavy rain						
Bank Substrate(s)	Silt/Clay							
Aquatic Habitat(s)	Overhangir	ng Vegetation						
Observed Use	Drainage							
Observed Fauna(s)								
RTE Present? Unknown	RTE Speci	es & Evidence						
Bank Bank He	ight (ft)	(ff) Bank Slope				Bank Erosion Potential		
LEFT BANK 1.	5	8 to 8% (0	to 5 deg) Nearly Lev	el to Gently Sloping		Moderate		
RIGHT BANK		0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Moderate						
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-16 Page 2 of 3







STREAM / W	ATERBOD	Y OVERVI	EW						
Stream/Water ID	S-KCF-	17		Classification	Ephemeral				
Stream Name	None			Date	2021-08-19 12:1	7:50			
Address	Cunningh	am Road Cana	ajoharie New York 1	.3317 United States,					
Location Descriptio	n	Roadside sco	our in herbaceous a	area					
Evaluator(s)		Kevin Fergus	on,OTHER, B	_OTHER, Brian Corrigan					
Latitude, Longitude	(WGS84)	42.886098, -7	74.498553						
STREAM / W	ATERBOD	Y CHARA	CTERISTICS						
Flow Stage		Low		Flow Direction		E			
Average Depth		2		Perceptible Flow	N	Yes			
Channel Substrate		Silt/Clay		Obstruction	Obstruction				
Channel Gradient		< 2% (< 1 d	leg) Gentle	Canopy Closure (Est.)		0 to 10%			
Is floodplain presen	ıt?	No		Bankfull Width ((ft)	NA			
Probed Stream Dep	th	0 to 6 inches Existing Water Width (1				2			
Top of Bank (ft)		4		Presumed Regu	llatory Authority				
Ordinary High Wate	r Mark (ft)	2		Water Quality		Turbid			
OHWM Indicators		Disturbed/V	Vashed-away Leaf L	Litter, Scour					
Water Quality Comm	nents	Rain event	ongoing						
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? No		RTE Speci	es & Evidence						
Bank	Bank Heig	ght (ft)	nt (ff) Bank Slope				Bank Erosion Potential		
LEFT BANK	2		8 to 1	5% (5 to 9 deg) Mod	lerately Sloping		Low		
RIGHT BANK	1.5		8 to 15% (5 to 9 deg) Moderately Sloping Low						
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-17 Page 2 of 3







STREAM / WA	[ERBOD]	Y OVERVI	EW						
Stream/Water ID	S-KCF-	18		Classification	Ephemeral				
Stream Name	None			Date	2021-08-19 13:04:45				
Address	Sprakers	New York 121	66 United States,						
Location Description		Flows from he	eadcut between stee	cut between steep banks					
Evaluator(s)		Kevin Fergus	Ferguson,OTHER, Brian Corrigan						
Latitude, Longitude (W	GS84)	42.886205, -7	36205, -74.500306						
STREAM / WA	[ERBOD]	Y CHARA	CTERISTICS						
Flow Stage		Low		Flow Direction					
Average Depth		2		Perceptible Flow	N	Yes			
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA			
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure (Est.)		20 to 30%			
Is floodplain present?		No		Bankfull Width	(ft)	NA			
Probed Stream Depth		0 to 6 inche	S	Existing Water \	Width (ft)	2			
Top of Bank (ft)		4		Presumed Regu	latory Authority				
Ordinary High Water M	ark (ft)	2		Water Quality		Slightl	y Turbid		
OHWM Indicators		Disturbed/V	Vashed-away Leaf L	itter, Scour, Litter ar	nd Debris				
Water Quality Commer	ts	Experiencin	ig heavy rain						
Bank Substrate(s)		Cobble/Gra	vel, Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unkno	wn	RTE Speci	es & Evidence						
Bank	Bank Heig	ght (ft)	(ff) Bank Slope				Bank Erosion Potential		
LEFT BANK	4		15 to	25% (9 to 14 deg) S	Steeply Sloping		Moderate		
RIGHT BANK	4		8 to 15% (5 to 9 deg) Moderately Sloping Moderate						
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-18 Page 2 of 3







STREAM / WATER	RBODY	OVERVI	EW						
Stream/Water ID S	S-KCF-1	9		Cla	assification	Intermittent			
Stream Name	lone-Un tream	named NYS	DEC Class C	Da	2021-08-20 08:10:46				
Address Sr	prakers N	NY 12166 US,							
Location Description		Incised portio	n of forested area a	adjacent to fields					
Evaluator(s)		Kevin Fergus	on,OTHER, E	ER, Brian Corrigan					
Latitude, Longitude (WGS84	34)	42.887078449	92, -74.497227184	5					
STREAM / WATER	RBODY	CHARAG	CTERISTICS						
Flow Stage		Moderate		F	Flow Direction NW				
Average Depth		4		F	Perceptible Flow Yes				
Channel Substrate		Cobble/Gra	vel, Silt/Clay	c	Obstruction		NA		
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	C	Canopy Closure (Est.)		70 to 3	70 to 80%	
Is floodplain present?		No	No Bankfull Width (ft)				NA		
Probed Stream Depth		0 to 6 inches			Existing Water V	Vidth (ft)	2		
Top of Bank (ft)		4		F	Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High Water Mark (1	(ft)	3		٧	Vater Quality		Turbic	I	
OHWM Indicators		Natural Line Deposition,	•	nk, D	isturbed/Washe	d-away Leaf Litter, Sc	our, Se	diment Sorting,	
Water Quality Comments									
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Riffle	e - Po	lool				
Observed Use		None							
Observed Fauna(s)		None							
RTE Present? Unknown		RTE Specie	es & Evidence		N/A				
Bank Bar	nk Heigl	ht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	1		8 to 1	.5%	(5 to 9 deg) Mod	erately Sloping		Moderate	
RIGHT BANK	1		8 to 15% (5 to 9 deg) Moderately Sloping Moderate						
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-19 Page 2 of 2



STREAM / WATE	RBOD	Y OVERVI	EW						
Stream/Water ID	S-KCF-2	20		Classification	Ephemeral				
Stream Name	None			Date	2021-08-20 08:1	1:30			
Address	Unnamed	Road Spraker	s New York 12166	Jnited States,					
Location Description									
Evaluator(s)		Kevin Fergus	Ferguson,OTHER, Brian Corrigan						
Latitude, Longitude (WGS	S84)	42.88717, -74	1.4973641						
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage		Low		Flow Direction		N]		
Average Depth		2		Perceptible Flow	Perceptible Flow				
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction	Obstruction				
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure (Est.)		20 to 30%			
Is floodplain present?		No		Bankfull Width ((ft)	NA			
Probed Stream Depth		0 to 6 inche	S	Existing Water \	Width (ft)	3			
Top of Bank (ft)		4		Presumed Regu	llatory Authority				
Ordinary High Water Marl	k (ft)	3		Water Quality		Slightly	y Turbid		
OHWM Indicators		Disturbed/W	/ashed-away Leaf L	itter, Scour	tter, Scour				
Water Quality Comments		Experience	d rain this week						
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknown	1	RTE Specie	es & Evidence						
Bank E	Bank Heig	ıht (ft)	Bank Slone				Bank Erosion Potential		
LEFT BANK	1		8 to 8% (0	to 5 deg) Nearly Lev	el to Gently Sloping		Low		
RIGHT BANK	1		0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low						
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-20 Page 2 of 3







CLIENT: SUNEAST

Project Name: Flat Creek Solar Project

STREAM / WATE	RBOD	OVERVI	EW						
Stream/Water ID	S-KCF-2	21	(Classification	Ephemeral				
Stream Name			1	Date	2021-08-20 08:33:14				
Address	Cunningha	am Road Cana	ajoharie New York 13	3317 United States,	17 United States,				
Location Description		Incised within	hedgerow	row					
Evaluator(s)		Kevin Fergus	on,OTHER, Br	ian Corrigan					
Latitude, Longitude (WGS	584)	42.886805, -7	74.496306						
STREAM / WATE	RBOD	(CHARAG	CTERISTICS						
Flow Stage		Low		Flow Direction		N	N		
Average Depth		2		Perceptible Flow		Yes			
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA			
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	40 to 50%			
Is floodplain present?		No	No Bankfull Width (ft) NA						
Probed Stream Depth		0 to 6 inches Existing Water Width (ft) 3							
Top of Bank (ft)		4		Presumed Regu	latory Authority				
Ordinary High Water Mark	k (ft)	4		Water Quality		Slightly	/ Turbid		
OHWM Indicators		Disturbed/W	Vashed-away Leaf Li	tter, Scour					
Water Quality Comments		Experience	d rain this week						
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Riffle -	Pool					
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknown	1	RTE Specie	es & Evidence						
Bank E	Bank Heig	ht (ft)	f) Bank Slope				Bank Erosion Potential		
LEFT BANK	1		8 to 8% (0 t	o 5 deg) Nearly Lev	el to Gently Sloping		Low		
RIGHT BANK	1		0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low						
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071









Stream/Water ID S-KCF-22 Classification Intermittent Stream Name None-tributary to NYSDEC Class C stream Date 2021-08-20 10:59:06 Address Unnamed Road Sprakers New York 12166 United States, 2021-08-20 10:59:06 Location Description Evaluator(s) Kevin Ferguson,OTHER_, Brian Corrigan Latitude, Longitude (WGS84) 42.888878, -74.4994916 STREAM / WATERBODY CHARACTERISTICS Flow Stage Low Flow Direction N Average Depth 2 Perceptible Flow No Channel Substrate Boulders, Cobble/Gravel, Silt/Clay Obstruction NA	
Stream Date 2021-08-20 10.59.06 Address Unnamed Road Sprakers New York 12166 United States, Location Description Evaluator(s) Kevin Ferguson,OTHER_, Brian Corrigan Latitude, Longitude (WGS84) 42.888878, -74.4994916 STREAM / WATERBODY CHARACTERISTICS Flow Stage Low Flow Direction N Average Depth 2 Boulders, Cobble/Gravel, Silt/Clay Obstruction NA	
Location Description Evaluator(s) Kevin Ferguson,OTHER_, Brian Corrigan Latitude, Longitude (WGS84) 42.888878, -74.4994916 STREAM / WATERBODY CHARACTERISTICS Flow Stage Low Flow Direction N Average Depth 2 Boulders, Cobble/Gravel, Silt/Clay Obstruction	
Evaluator(s) Kevin Ferguson,OTHER_, Brian Corrigan Latitude, Longitude (WGS84) 42.888878, -74.4994916 STREAM / WATERBODY CHARACTERISTICS Flow Direction N Flow Stage Low Flow Direction N Average Depth 2 Perceptible Flow No Channel Substrate Boulders, Cobble/Gravel, silt/Clay Obstruction NA	
Latitude, Longitude (WGS84) 42.888878, -74.4994916 STREAM / WATERBODY CHARACTERISTICS Flow Stage Low Flow Direction N Average Depth 2 Perceptible Flow No Channel Substrate Boulders, Cobble/Gravel, Silt/Clay Obstruction NA	
STREAM / WATERBODY CHARACTERISTICS Flow Stage Low Flow Direction N Average Depth 2 Perceptible Flow No Channel Substrate Boulders, Cobble/Gravel, Silt/Clay Obstruction NA	
Flow Stage Low Flow Direction N Average Depth 2 Perceptible Flow No Channel Substrate Boulders, Cobble/Gravel, sit/Clay Obstruction NA	
Average Depth 2 Perceptible Flow No Channel Substrate Boulders, Cobble/Gravel, Silt/Clay Obstruction NA	
Channel Substrate Boulders, Cobble/Gravel, Silt/Clay Obstruction NA	
Channel Substrate Silt/Clay Obstruction NA	
Channel Gradient 4 to 10% (2 to 6 deg) Steep Canopy Closure (Est.) 80 to 90%	
Is floodplain present? No Bankfull Width (ft) NA	
Probed Stream Depth 0 to 6 inches Existing Water Width (ft) 0	
Top of Bank (ft) 6 Presumed Regulatory Authority U.S. Army Corp	
Ordinary High Water Mark (ft) 6 Water Quality	
OHWM Indicators Disturbed/Washed-away Leaf Litter, Scour, Litter and Debris	
Water Quality Comments	
Bank Substrate(s) Boulders, Silt/Clay	
Aquatic Habitat(s) Overhanging Vegetation, Plunge Pools	
Observed Use Drainage	
Observed Fauna(s)	
RTE Present? Unknown RTE Species & Evidence	
BankBank Height (ft)Bank SlopeBank Erc Potent	
LEFT BANK 2 8 to 15% (5 to 9 deg) Moderately Sloping Moderately	ate
RIGHT BANK 2 8 to 15% (5 to 9 deg) Moderately Sloping Moderately	ate
NOTES:	



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-22 Page 2 of 3







STREAM / WAT	ERBOD	Y OVERVI	EW						
Stream/Water ID	S-KCF-2	23		Classification	Ephemeral				
Stream Name	None			Date	2021-08-20 11:30	6:26			
Address	212 Monk	Road Spraker	rs New York 12166	United States,					
Location Description		Incised within	valley	lley					
Evaluator(s)		Kevin Fergus	on,OTHER, B	rian Corrigan					
Latitude, Longitude (WC	S84)	42.888667, -7	74.499948						
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Low		Flow Direction					
Average Depth		2		Perceptible Flow	v	Yes			
Channel Substrate		Boulders, C Silt/Clay	cobble/Gravel,	Obstruction		NA			
Channel Gradient	el Gradient 4 to 10% (2 to 6 deg) Steep				Canopy Closure (Est.)		100%		
Is floodplain present?	? No			Bankfull Width ([ft]	NA			
Probed Stream Depth	obed Stream Depth 0 to 6 inches				Width (ft)	3			
Top of Bank (ft)		10		Presumed Regu	latory Authority				
Ordinary High Water Ma	rk (ft)	6		Water Quality Slight			y Turbid		
OHWM Indicators		Terrestrial V	egetation Destroye	d, Disturbed/Washe	d-away Leaf Litter, Sc	our			
Water Quality Comment	s	Rain events	s this week						
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Plung	e Pools					
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknow	'n	RTE Specie	es & Evidence						
Bank	Bank Heig	ıht (ft)	(fft) Bank Slope				Bank Erosion Potential		
LEFT BANK	4		15 to 25% (9 to 14 deg) Steeply Sloping Moderate						
RIGHT BANK	5	5 15 to 25% (9 to 14 deg) Steeply Sloping Moderate					Moderate		
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-23 Page 2 of 3







STREAM / WATERBODY OVERVIEW									
Stream/Water I	D S-KCF-24				Classification		Ephemeral		
Stream Name	None			Date		2021-08-20 13:31:20			
Address	Spra	Sprakers New York 12166 United States							
Location Description			Flows down hillside						
Evaluator(s)		Kevin Ferguson,OTHER, Brian Corrigan							
Latitude, Longitude (WGS84)			42.8879993, -74.5020647						
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage			Dry		F	Flow Direction		NW	
Average Depth			0		F	Perceptible Flow		No	
Channel Substrate			Silt/Clay		c	Obstruction		NA	
Channel Gradient			2 to 4% (1 to 2 deg) Moderate		c	Canopy Closure (Est.)		80 to 90%	
Is floodplain present?			No		E	Bankfull Width (ft)		NA	
Probed Stream Depth			0 to 6 inches		E	Existing Water Width (ft)		0	
Top of Bank (ft)			3		F	Presumed Regulatory Authority			
Ordinary High Water Mark (ft)			0		v	Water Quality			
OHWM Indicators			Disturbed/Washed-away Leaf Litter, Scour						
Water Quality Comments									
Bank Substrate(s)			Silt/Clay						
Aquatic Habitat(s)									
Observed Use			Drainage						
Observed Fauna(s)									
RTE Present?	Jnknown		RTE Species & Evidence						
Bank	Bank Heigh		nt (ft)			Bank Slope			Bank Erosion Potential
LEFT BANK	0.5			8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping				Low	
RIGHT BANK	RIGHT BANK 0.5		0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping				Low		
NOTES: No ohw, just had rain and there is no water flowing									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-KCF-24 Page 2 of 3







STREAM AND WATERBODY INVENTORY

CLIENT: SUNEAST PROJECT: FLAT CREEK SOLAR PROJECT

S-MLM-01, Intermittent

PLOT OVERVIEW										
ID	S-MLM-01	MLM-01 Classification Intermittent								
Waterbody Name		Date 2022-07-11 10:57:46								
Evaluators	Melanie Musarra									
Address (Approx.)	Sprakers Montgomery County NY 1	2166 US								
Location Description	Within PFO wetland	Within PFO wetland								
Lat. / Long. (WGS84)	42.8437235701, -74.4599413656									

STREAM / WATERBODY CHARACTERISTICS								
Flow Stage	Dry	Flow Direction	E					
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches					
Perceptible Flow	Yes	Obstruction	NA					
Channel Substrate	Silt/Clay	Channel Gradient	< 2% (< 1 deg) Gentle					
Is floodplain present?	no	Bankfull Width (ft)	NA					
Existing Water Width (ft)	0	Top of Bank (ft)	0.6					
Water Quality		Presumed Regulatory Authority	USACE					
Ordinary High Water Mark (ft)	5	Canopy Closure (Est.)	90 to 100%					
OHWM Indicators	Disturbed/Washed-awa Impressed on Bank	y Leaf Litter,Matted, Bent, or Absent	Vegetation,Natural Line					
Water Quality Comments								
Bank Substrate	Silt/Clay							
Aquatic Habitat	Overhanging Vegetation	1						
Observed Use	Drainage							
Observed Fauna								
RTE Species & Evidence								
Notes								

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	0.6	0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping	Low
Right Bank	0.6	0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping	Low



PHOTOS

Upstream Photo:



Downstream Photo:



Across Stream/Waterbody Photo:







STREAM AND WATERBODY INVENTORY

CLIENT: SUNEAST PROJECT: FLAT CREEK SOLAR PROJECT

S-MLM-02, Intermittent

PLOT OVERVIEW									
ID	S-MLM-02	MLM-02 Classification Intermittent							
Waterbody Name		Date 2022-07-11 11:05:57							
Evaluators	Melanie Musarra								
Address (Approx.)	Sprakers Montgomery County NY 1	2166 US							
Location Description	Within PFO wetland	Within PFO wetland							
Lat. / Long. (WGS84)	42.8438588333, -74.4600776667	42.8438588333, -74.4600776667							

STREAM / WATERBODY CHARACTERISTICS								
Flow Stage	Dry	Flow Direction	E					
Average Depth (in.)	0	Probed Stream Depth	0 to 6 inches					
Perceptible Flow	Yes	Obstruction	NA					
Channel Substrate	Cobble/Gravel,Silt/Clay	Channel Gradient	< 2% (< 1 deg) Gentle					
Is floodplain present?	no	Bankfull Width (ft)	NA					
Existing Water Width (ft)	0	Top of Bank (ft)	1					
Water Quality		Presumed Regulatory Authority	USACE					
Ordinary High Water Mark (ft)	5	Canopy Closure (Est.)	90 to 100%					
OHWM Indicators		ed/Washed-away Leaf Litter,Matted, Impressed on Bank,Scour	Bent, or Absent					
Water Quality Comments								
Bank Substrate	Cobble/Gravel,Organic,	Silt/Clay						
Aquatic Habitat	Overhanging Vegetatior	1						
Observed Use	Drainage							
Observed Fauna								
RTE Species & Evidence								
Notes								

	BANK HEIGHT (ft)	BANK SLOPE	BANK EROSION POTENTIAL
Left Bank	0.6	0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping	Low
Right Bank	1	8 to 15% (5 to 9 deg) Moderately Sloping	Moderate



PHOTOS

Upstream Photo:



Downstream Photo:



Across Stream/Waterbody Photo:







STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-NSD-	01	(Classification	Intermittent			
Stream Name	N/A		I	Date	Date 2021-08-25 08:1		3:57	
Address	Sprakers	NY 12166 US,			-			
Location Description	n							
Evaluator(s)		Nick DeJohn,	Carson Rowe					
Latitude, Longitude	(WGS84)	42.86757032	39, -74.4788688049					
STREAM / W	ATERBOD	Y CHARA	CTERISTICS					
Flow Stage		Low		Flow Direction		w		
Average Depth		1		Perceptible Flow	v	Yes		
Channel Substrate		Silt/Clay		Obstruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	40 to 5	to 50%	
Is floodplain presen	Is floodplain present? No		Bankfull Width (f		ft) NA			
Probed Stream Dept	th	0 to 6 inche	es Existing Water W		Vidth (ft) 0.5			
Top of Bank (ft)		3		Presumed Regulatory Authority		U.S. A	U.S. Army Corp	
Ordinary High Water	r Mark (ft)	2.5	Water Quality Cle			Clear		
OHWM Indicators		Natural Line	e Impressed on Bank	, Bed and Banks				
Water Quality Comm	nents							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		Drainage						
Observed Fauna(s)								
RTE Present? Unk	known	RTE Specie	es & Evidence					
Bank	Bank Heig	ıht (ft)	(ft) Bank Slope Bank Erosion Potential				Bank Erosion Potential	
LEFT BANK	0.5		8 to 8% (0 t	o 5 deg) Nearly Lev	el to Gently Sloping		Low	
RIGHT BANK	0.5		0 to 8% (0 to	el to Gently Sloping		Low		
NOTES: Ash, jewel	weed, poison ivy	1						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-01 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-NSD-	02		Classification	Intermittent			
Stream Name	N/A		1	Date	2021-08-25 08:2	5:22		
Address	665 NY-1	62 Sprakers N`	Y 12166 US,					
Location Descriptio	n							
Evaluator(s)		Nick DeJohn,	Carson Rowe					
Latitude, Longitude	(WGS84)	42.86788573	49, -74.4790863153					
STREAM / W	/ATERBOD	Y CHARA	CTERISTICS					
Flow Stage		Low		Flow Direction		N		
Average Depth		1		Perceptible Flow	N	Yes		
Channel Substrate		Silt/Clay		Obstruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	50 to 6	60%	
Is floodplain presen	nt?	No	Bankfull Width (f		ft) NA			
Probed Stream Dep	th	0 to 6 inche	ches Existing Wate		Width (ft) 1			
Top of Bank (ft)		2.5	Presumed R		ulatory Authority U.S.		. Army Corp	
Ordinary High Wate	r Mark (ft)	2	Water Quality C		Clear			
OHWM Indicators		Natural Line	Natural Line Impressed on Bank, Bed and Banks					
Water Quality Comm	ments							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use								
Observed Fauna(s)								
RTE Present? Unl	known	RTE Specie	es & Evidence					
Bank	Bank Heiç	Jht (ft)	(ft) Bank Slope Bank Erosion Potential				Bank Erosion Potential	
LEFT BANK	0.5		8 to 8% (0 t	o 5 deg) Nearly Lev	vel to Gently Sloping		Low	
RIGHT BANK	0.5		0 to 8% (0 t	o 5 deg) Nearly Lev	el to Gently Sloping		Low	
NOTES: Sugar ma	NOTES: Sugar maple, jewelweed, hemlock							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-02 Page 2 of 2



STREAM / WATERBODY OVERVIEW														
Stream/Water	ID	S-NSD-(03		Cla	assification	Intermittent							
Stream Name	!	N/A			Da	te	2021-08-25 10:08	8:59						
Address		665 NY-16	62 Sprakers N	Y 12166 US,										
Location Descri	ption													
Evaluator(s)			Nick DeJohn,	Carson Rowe										
Latitude, Longit	ude (WG	S84)	42.87169782	45, -74.477861635	5									
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS										
Flow Stage			Low		F	low Direction		NW						
Average Depth			1		F	Perceptible Flow	v	Yes						
Channel Substra	ate		Silt/Clay		c	Obstruction		NA						
Channel Gradier	nt		2 to 4% (1 t	o 2 deg) Moderate	c	Canopy Closure	(Est.)	60 to ⁻	70%					
Is floodplain present? No			No	Bankfull Width (ft)		NA	NA							
Probed Stream I	Depth		0 to 6 inche	to 6 inches		Existing Water Width (ft)		1						
Top of Bank (ft)			3	1		Presumed Regulatory Authority		U.S. A	U.S. Army Corp					
Ordinary High W	/ater Mar	k (ft)	2.5	Water Quality C			Clear							
OHWM Indicator	ſS		Natural Line	Line Impressed on Bank, Bed and Banks, Plant Community Change										
Water Quality Co	omments													
Bank Substrate(s)		Silt/Clay											
Aquatic Habitat(s)		Overhangin	g Vegetation										
Observed Use			Drainage											
Observed Fauna	a(s)													
RTE Present?	Unknowr	ı	RTE Specie	es & Evidence										
Bank	E	Bank Heig	ıht (ft)	nt (ft)			Bank Slope		Bank Erosion Potential					
LEFT BANK		1.5		8 to 15% (5 to 9 deg) Moderately Sloping				Low						
RIGHT BANK		0.5		0 to 8% (0	0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low				Low					
NOTES: Hickor	y, sugar r	naple, jewe	lweed, oak					NOTES: Hickory, sugar maple, jewelweed, oak						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-03 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	04		С	lassification	Intermittent			
Stream Name	Minor Tribs to Mohawk River, 8 253			D	2021-08-25 10:27:16				
Address	Sprakers	NY 12166 US,		•					
Location Description									
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude (W0	GS84)	42.87124964	41, -74.477277584	4					
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Moderate			Flow Direction		NW		
Average Depth		2			Perceptible Flov	V	Yes		
Channel Substrate		Cobble/Gra	vel, Silt/Clay		Obstruction		NA		
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate		Canopy Closure (Est.)		20 to 3	20 to 30%	
Is floodplain present?		No			Bankfull Width (ft)		NA		
Probed Stream Depth		0 to 6 inches			Existing Water Width (ft)		2.5	2.5	
Top of Bank (ft)		6		Presumed Regulatory Authority		U.S. A	U.S. Army Corp		
Ordinary High Water Ma	urk (ft)	4 Water Quality Clear							
OHWM Indicators		Natural Line	e Impressed on Ba	nk,	Bed and Banks				
Water Quality Comment	s								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation, Unde	ercı	ut Banks				
Observed Use		Drainage							
Observed Fauna(s)					_				
RTE Present? Unknow	vn	RTE Specie	es & Evidence						
Bank	Bank Heiç	yht (ft)	t (ft) Bank Slope Bank Erosio Potential					Bank Erosion Potential	
LEFT BANK	1	8 to 15% (5 to 9 deg) Moderately Slo				lerately Sloping		Low	
RIGHT BANK	GHT BANK 1.5 15 to 2					Steeply Sloping		Moderate	
NOTES: Hemlock, map	le, jewelwee	ed, goldenrod							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-04 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-NSD-(05		Classification	Intermittent			
Stream Name	Minor Tribs to Mohawk River, 8 253			Date	2021-08-25 11	:16:08		
Address	Sprakers	NY 12166 US,						
Location Description								
Evaluator(s)		Nick DeJohn,	Carson Rowe					
Latitude, Longitude (WG	S84)	42.87053674	12, -74.475033696	3				
STREAM / WAT	ERBOD	Y CHARAG	CTERISTICS					
Flow Stage		Low		Flow Direction	n	w		
Average Depth		1		Perceptible F	ow	Yes		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA		
Channel Gradient	Gradient 2 to 4%			to 2 deg) Moderate Canopy Closure		50 to 6	50 to 60%	
Is floodplain present?		No	Bankfull Width (f		h (ft)	NA		
Probed Stream Depth		0 to 6 inche	es Existing Water W		r Width (ft)	1		
Top of Bank (ft)		4	Presumed Regulatory Authority		U.S. A	U.S. Army Corp		
Ordinary High Water Ma	rk (ft)	2.5	Water Quality Slightly Turbid			y Turbid		
OHWM Indicators		Natural Line	e Impressed on Ba	nk, Bed and Banks	3			
Water Quality Comments	6							
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		Drainage						
Observed Fauna(s)								
RTE Present? Unknow	n	RTE Specie	es & Evidence					
Bank	Bank Heiç	Jht (ft)	(ft) Bank Slope Bank Erosio Potential				Bank Erosion Potential	
LEFT BANK	1	15 to 25% (9 to 14 deg) Steeply Sloping Modera			Moderate			
RIGHT BANK	1 8 to 15				oderately Sloping		Moderate	
NOTES: Hemlock, hickory, ferns								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-05 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water	· ID	S-NSD-(06		Cla	assification	Intermittent		
Stream Name	2	N/A			Da	te	2021-08-25 13:08	8:55	
Address		711 NY-16	62 Sprakers N	7 12166 US,					
Location Descri	ption								
Evaluator(s)			Nick DeJohn,	Carson Rowe					
Latitude, Longit	ude (WGS	S84)	42.86528658	54, -74.477808326					
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage			Low		F	-low Direction		SW	
Average Depth			1		F	Perceptible Flow	V	No	
Channel Substra	ate		Silt/Clay		C	Obstruction		NA	
Channel Gradie	nt		< 2% (< 1 d	eg) Gentle	C	Canopy Closure	(Est.)	20 to 3	30%
Is floodplain pre	esent?		No	No		Bankfull Width (ft)		NA	
Probed Stream I	Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		2	
Top of Bank (ft)			5	5		Presumed Regulatory Authority		U.S. Army Corp	
Ordinary High W	/ater Mar	k (ft)	3	Water Quality Clear					
OHWM Indicator	rs		Natural Line	atural Line Impressed on Bank, Bed and Banks					
Water Quality Co	omments	i							
Bank Substrate((s)		Silt/Clay						
Aquatic Habitat((s)		Overhangin	g Vegetation					
Observed Use			Drainage						
Observed Fauna	a(s)					•			
RTE Present?	Unknowr	ı	RTE Specie	es & Evidence					
Bank	E	Bank Heig	ıht (ft)	ht (ft)			e		Bank Erosion Potential
LEFT BANK		2		15 to	15 to 25% (9 to 14 deg) Steeply Sloping				Moderate
RIGHT BANK		2		15 to	15 to 25% (9 to 14 deg) Steeply Sloping Moderate				Moderate
NOTES: Honey	/suckle, de	ogwood, gr	ape vine, aspe	n					



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-06 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	07		Classification	Ephemeral				
Stream Name	N/A			Date	Date 2021-08-26 09:4		7:49		
Address	Sprakers	NY 12166 US,							
Location Description									
Evaluator(s)		Nick DeJohn,	ick DeJohn, Carson Rowe						
Latitude, Longitude	(WGS84)	42.86150056	2.8615005687, -74.476878522						
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Dry		Flow Direction		s			
Average Depth		0		Perceptible Flow	N	No			
Channel Substrate		Silt/Clay		Obstruction		NA			
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	Canopy Closure (Est.)		20 to 30%		
Is floodplain present? No				Bankfull Width (ft)		NA	NA		
Probed Stream Dept	th	0 to 6 inche	S	Existing Water Width (ft)		0	0		
Top of Bank (ft)		3		Presumed Regulatory Authority U.S			rmy Corp		
Ordinary High Water	r Mark (ft)	2	Water Quality						
OHWM Indicators		Natural Line	Impressed on Bank						
Water Quality Comm	nents	no water in	channel						
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unk	known	RTE Specie	es & Evidence						
Bank	Bank Heiç	Jht (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK	1		8 to 1	5% (5 to 9 deg) Mod	lerately Sloping		Low		
RIGHT BANK	0.5		0 to 8% (0	to 5 deg) Nearly Lev	el to Gently Sloping		Low		
NOTES: Hawthorne	e, dogwood, gold	lenrod							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-07 Page 2 of 2



STREAM /	STREAM / WATERBODY OVERVIEW									
Stream/Water	ID	S-NSD-	08		Cla	ssification	Perennial			
Stream Name		N/A			Dat	e	2021-08-26 11:12:58			
Address		Sprakers	NY 12166 US,							
Location Descrip	Location Description									
Evaluator(s)			Nick DeJohn,	Carson Rowe						
Latitude, Longitu	ide (WGS	S84)	42.86166787	15, -74.480852047	'1					
STREAM / WATERBODY CHARACTERISTICS										
Flow Stage Moderate				F	low Direction		N			
Average Depth			2		Р	erceptible Flov	v	Yes		
Channel Substra	te		Cobble/Gra	vel	0	bstruction		NA		
Channel Gradien	ıt		< 2% (< 1 d	eg) Gentle	С	anopy Closure	e (Est.)	0 to 10%		
Is floodplain pres	sent?		No		в	Bankfull Width (ft)		NA	NA	
Probed Stream D	Depth		0 to 6 inche	S	Е	Existing Water Width (ft) 2		2.5		
Top of Bank (ft)			4		Р	Presumed Regulatory Authority U.S.			army Corp	
Ordinary High Wa	ater Marl	k (ft)	3.5		v	Water Quality Clea				
OHWM Indicators	s		Natural Line	e Impressed on Bar	essed on Bank, Plant Community Change, Bed and Banks					
Water Quality Co	omments									
Bank Substrate(s	5)		Silt/Clay							
Aquatic Habitat(s	5)		Overhangin	g Vegetation						
Observed Use			Drainage							
Observed Fauna	(s)									
RTE Present?	Unknowr	ı	RTE Specie	es & Evidence						
Bank	E	Bank Heig	ıht (ft)	Bank Slope			e		Bank Erosion Potential	
LEFT BANK		0.5		8 to 8% (0) to 5	deg) Nearly Lev	el to Gently Sloping		Low	
RIGHT BANK		0.5		0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping					Low	
NOTES: Reed of	canary, co	orn, Timoth	y grass, grape	vines						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-08 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	09		Cla	assification	Perennial			
Stream Name	Minor Tribs to Mohawk 253		wk River, 876-	Da	te	2021-08-26 12:58:32			
Address	Sprakers	NY 12166 US,				-			
Location Description									
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude (WC	SS84)	42.86418478	94, -74.484146470	03					
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Moderate		F	-low Direction		N		
Average Depth		3		F	Perceptible Flov	v	Yes		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	c	Obstruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	c	Canopy Closure (Est.) 0 to		0 to 10	to 10%	
Is floodplain present? No				E	Bankfull Width (ft) NA		NA		
Probed Stream Depth		0 to 6 inche	s Existing Water Width (ft)		Width (ft)	4			
Top of Bank (ft)		6	3		Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High Water Ma	ırk (ft)	5	5 Water Quality				Clear		
OHWM Indicators		Natural Line	Natural Line Impressed on Bank, Bed and Banks						
Water Quality Comment	S								
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknow	/n	RTE Specie	es & Evidence						
Bank	Bank Heiç	Jht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	13		8 to 1	15% ((5 to 9 deg) Mod	lerately Sloping		Low	
RIGHT BANK	1	8 to 15% (5 to 9 deg) Moderately Sloping					Low		
NOTES: Goldenrod, nettle, jewelweed, Norway spruce									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-09 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	10		Classification	Ephemeral				
Stream Name	N/A			Date	2021-08-26 14:17:04				
Address	Sprakers	NY 12166 US,			·				
Location Description									
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude (N	GS84)	42.86186958	12.861869582, -74.4845329598						
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Low		Flow Direction		E			
Average Depth		1		Perceptible Flow	N	No			
Channel Substrate		Silt/Clay		Obstruction		NA			
Channel Gradient		< 2% (< 1 d	leg) Gentle	Canopy Closure (Est.)		0 to 10%			
Is floodplain present?	No		Bankfull Width (ft)		NA	NA			
Probed Stream Depth		0 to 6 inche	0 to 6 inches Existing Wate		Width (ft) 0.5				
Top of Bank (ft)		1.5		Presumed Regu	latory Authority	U.S. A	rmy Corp		
Ordinary High Water M	ark (ft)	1	1 Water Quality			Clear			
OHWM Indicators		Natural Line	Natural Line Impressed on Bank, Bed and Banks						
Water Quality Comme	its								
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unkno	wn	RTE Speci	es & Evidence						
Bank	Bank Heig	ght (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK	0.5		8 to 8% (0	to 5 deg) Nearly Lev	vel to Gently Sloping		Low		
RIGHT BANK	0.5		0 to 8% (0	to 5 deg) Nearly Lev	vel to Gently Sloping		Low		
NOTES: Hog peanut,	clearweed								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-10 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	11		Classification	Intermittent				
Stream Name	N/A			Date	Date 2021-08-26 14:5:		1:40		
Address	174 Flat	Creek Rd Spral	kers NY 12166 US,		·				
Location Description	-								
Evaluator(s)		Nick DeJohn,	ck DeJohn, Carson Rowe						
Latitude, Longitude (V	/GS84)	42.86253330	3, -74.4874289912						
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Low		Flow Direction		E			
Average Depth		1		Perceptible Flow	N	Yes			
Channel Substrate		Sand, Cobb	le/Gravel	Obstruction		NA			
Channel Gradient		2 to 4% (1 t	o 2 deg) Moderate	Canopy Closure (Est.)		0 to 10	0 to 10%		
Is floodplain present?		No		Bankfull Width (ft)		NA	A		
Probed Stream Depth		0 to 6 inche	es Existing Water		Width (ft)	1			
Top of Bank (ft)		4		Presumed Regulatory Authority U		U.S. A	Army Corp		
Ordinary High Water M	ark (ft)	2.5	Water Quality Clea			Clear			
OHWM Indicators		Natural Line	atural Line Impressed on Bank, Bed and Banks						
Water Quality Comme	nts								
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknow	wn	RTE Specie	es & Evidence						
Bank	Bank Heig	ght (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK	2		15 to	25% (9 to 14 deg) S	25% (9 to 14 deg) Steeply Sloping		Moderate		
RIGHT BANK	3		15 to	25% (9 to 14 deg) Steeply Sloping			Low		
NOTES: Hawthorne,	logwood, cor	n, jewelweed							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WATERBODY OVERVIEW										
Stream/Water	' ID	S-NSD-2	12		Cla	assification	Ephemeral			
Stream Name	•	N/A			Da	te	2021-08-27 08:02	2:42		
Address		Sprakers	NY 12166 US,							
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	Carson Rowe						
Latitude, Longit	ude (WG	S84)	42.861096142	19, -74.476920431	5					
STREAM / WATERBODY CHARACTERISTICS										
Flow Stage			Dry		F	-low Direction		N		
Average Depth			0		F	Perceptible Flov	v	No		
Channel Substra	ate		Silt/Clay		C	Obstruction		NA		
Channel Gradient 2 to 4			2 to 4% (1 to	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		20 to 30%		
Is floodplain present? No			No		Bankfull Width (ft)		NA			
Probed Stream I	Depth		0 to 6 inche	o 6 inches		Existing Water Width (ft)		0		
Top of Bank (ft)			4	Pre		Presumed Regu	latory Authority	U.S. A	army Corp	
Ordinary High W	Vater Mar	k (ft)	2.5	Water Quality Cle			Clear	Clear		
OHWM Indicator	rs		Natural Line	tural Line Impressed on Bank, Bed and Banks						
Water Quality Co	omments									
Bank Substrate((s)		Silt/Clay							
Aquatic Habitat((s)		Overhangin	g Vegetation						
Observed Use			Drainage							
Observed Fauna	a(s)									
RTE Present?	Unknowr	า	RTE Specie	es & Evidence						
Bank	Bank Bank Height (ft)			Bank Slope			Bank Erosion Potential			
LEFT BANK		1		15 to	25%	25% (9 to 14 deg) Steeply Sloping			Moderate	
RIGHT BANK	RIGHT BANK 2			15 to 25% (9 to 14 deg) Steeply Sloping Moderate				Moderate		
NOTES: Ash, d	logwood,	buckthorn,	Virginia creepe	er						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-12 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	13		Classification	Ephemeral				
Stream Name	N/A			Date	Date 2021-08-27 08:5		8:04		
Address	Sprakers	NY 12166 US,							
Location Description									
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude (NGS84)	42.86176937	.8617693764, -74.4837491681						
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Low		Flow Direction		w			
Average Depth		1		Perceptible Flow	N	Yes			
Channel Substrate		Silt/Clay		Obstruction		NA			
Channel Gradient	l Gradient < 2% (< 1 d		eg) Gentle	Canopy Closure (Est.)		0 to 1	0 to 10%		
Is floodplain present? No				Bankfull Width (ft)		NA	NA		
Probed Stream Depth	l	0 to 6 inche	S	Existing Water Width (ft)		0.5	0.5		
Top of Bank (ft)		2		Presumed Regulatory Authority		U.S. A	Army Corp		
Ordinary High Water	Mark (ft)	1	Water Quality C			Clear			
OHWM Indicators		Natural Line	latural Line Impressed on Bank, Bed and Banks						
Water Quality Comme	ents								
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unkr	own	RTE Speci	es & Evidence						
Bank	Bank Heiq	ght (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK	0.5		8 to 8% (0	to 5 deg) Nearly Lev	vel to Gently Sloping		Low		
RIGHT BANK	0.5		0 to 8% (0	to 5 deg) Nearly Lev	vel to Gently Sloping		Low		
NOTES: Asters, cree	ping Jenny, bo	neset							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-13 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	14		Classi	fication	Perennial			
Stream Name	Lasher (Lasher Creek, 876-252		Date		2021-09-08 11:51:01			
Address	Sprakers	NY 12166 US,							
Location Description									
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude	e (WGS84)	42.86414262	.8641426284, -74.4841975999						
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Moderate		Flow	Direction		NW		
Average Depth		8		Perc	eptible Flov	v	No		
Channel Substrate		Cobble/Gra	vel, Sand	Obst	ruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	Cano	opy Closure	e (Est.)	10 to 20%		
Is floodplain present? No				Bank	Bankfull Width (ft)		NA	NA	
Probed Stream Dep	oth	0 to 6 inche	s Existing Water Width (ft)		Vidth (ft)	5			
Top of Bank (ft)		10		Presumed Regulatory Authority		U.S. A	army Corp		
Ordinary High Wate	er Mark (ft)	7	Water Quality Clear						
OHWM Indicators		Natural Line	e Impressed on Bar	nk, Bed a	and Banks, V	Vrack			
Water Quality Com	ments								
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation, Undercut Banks						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Ur	nknown	RTE Specie	es & Evidence						
Bank	Bank Heiç	Jht (ft)	Bank Slope			e		Bank Erosion Potential	
LEFT BANK	2.5		15 to	o 25% (9	to 14 deg) S	steeply Sloping		Moderate	
RIGHT BANK	2		15 to	25% (9 to 14 deg) Steeply Sloping Moderate			Moderate		
NOTES: Jewelwee	ed, goldenrod, ne	ttle, white ash							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	15		Classification	Intermittent				
Stream Name	N/A			Date	Date 2021-09-08 13:02		2:46		
Address	Sprakers	NY 12166 US,							
Location Description									
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude (W	GS84)	42.86482064	06, -74.4864194748	3					
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Dry		Flow Direction		N			
Average Depth		0		Perceptible Flow	N	No			
Channel Substrate		Cobble/Gra	vel	Obstruction		NA			
Channel Gradient		< 2% (< 1 d	leg) Gentle	Canopy Closure	e (Est.)	20 to 3	20 to 30%		
Is floodplain present?		No		Bankfull Width (ft)		NA	A		
Probed Stream Depth		0 to 6 inche	es Existing Water Width (ft)		Width (ft)	0			
Top of Bank (ft)		3.5		Presumed Regulatory Authority U.S		U.S. A	rmy Corp		
Ordinary High Water M	ark (ft)	2	Water Quality Cle			Clear			
OHWM Indicators		Natural Line	tural Line Impressed on Bank, Bed and Banks						
Water Quality Commer	ts								
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unkno	wn	RTE Specie	es & Evidence						
Bank	Bank Heig	ght (ft)	Bank Slone			Bank Erosion Potential			
LEFT BANK	1		8 to 1	5% (5 to 9 deg) Mod	lerately Sloping		Low		
RIGHT BANK	1		15 to	25% (9 to 14 deg) S	Steeply Sloping		Moderate		
NOTES: Goldenrod, b	asswood, wh	ite ash, honeys	suckle						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-15 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	16		Classification	Intermittent				
Stream Name	N/A			Date	2021-09-09 12:00:33				
Address	Canajoha	rie NY 13317 l	JS,						
Location Description									
Evaluator(s)		Nick DeJohn,	lick DeJohn, Carson Rowe						
Latitude, Longitude (V	/GS84)	42.84289286	94, -74.5269038995	5					
STREAM / WATERBODY CHARACTERISTICS									
Flow Stage		Low		Flow Direction		E			
Average Depth		1		Perceptible Flow	N	No			
Channel Substrate		Silt/Clay, Co	obble/Gravel	Obstruction		NA			
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	10 to 2	10 to 20%		
Is floodplain present?		No		Bankfull Width (ft)		NA	NA		
Probed Stream Depth		0 to 6 inche	es Existing Wate		Vidth (ft)	0.5	5		
Top of Bank (ft)		2		Presumed Regulatory Authority		U.S. A	army Corp		
Ordinary High Water M	lark (ft)	1	Water Quality Cle			Clear			
OHWM Indicators		Natural Line	e Impressed on Ban	pressed on Bank, Bed and Banks					
Water Quality Comme	nts								
Bank Substrate(s)		Silt/Clay	Silt/Clay						
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unkn	own	RTE Specie	es & Evidence						
Bank	Bank Hei	ght (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	1		8 to 1	5% (5 to 9 deg) Mod	lerately Sloping		Low		
RIGHT BANK	0.5		0 to 8% (0	to 5 deg) Nearly Level to Gently Sloping Low			Low		
NOTES: Boxelder, go	denrod, jewe	weed, grape vi	ne						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-16 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water	ID	S-NSD-2	17		Cla	assification	Intermittent			
Stream Name		N/A			Da	te	2021-09-09 13:3	7:55		
Address		Canajoha	rie NY 13317 L	JS,						
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	ck DeJohn, Carson Rowe						
Latitude, Longitude (WGS84) 42.839804557				72, -74.524845387	2, -74.5248453879					
STREAM	WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage			Moderate		F	low Direction		E		
Average Depth			2		F	Perceptible Flow	v	Yes		
Channel Substrate			Silt/Clay		c	Obstruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	c	Canopy Closure	(Est.)	50 to 6	60%		
Is floodplain present?			No	Bankfull Width (ft) N.			NA	NA		
Probed Stream Depth			0 to 6 inche	S	E	Existing Water V	Vidth (ft)	2		
Top of Bank (ft)			3		F	Presumed Regu	latory Authority	U.S. A	army Corp	
Ordinary High W	later Mar	k (ft)	2.5	Water Quality C			Clear			
OHWM Indicator	s		Natural Line	Natural Line Impressed on Bank, Bed and Banks						
Water Quality Co	omments									
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use			Drainage							
Observed Fauna	ı(s)					•				
RTE Present?	Unknowr	I	RTE Specie	es & Evidence						
Bank	E	Bank Heig	ht (ft)	Bank Slope			e		Bank Erosion Potential	
LEFT BANK		1		8 to 1	.5% (i% (5 to 9 deg) Moderately Sloping			Low	
RIGHT BANK 1 8 to			8 to 1	.5% (5% (5 to 9 deg) Moderately Sloping Low					
NOTES: Cotton	wood, elr	n, black ch	erry, buckthorn	, jewelweed, sensi	tive f	fern				



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-17 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water	. ID	S-NSD-2	18		Cla	assification	Ephemeral			
Stream Name	2	N/A			Da	te	2021-09-10 09:1	8:27		
Address		Canajoha	rie NY 13317 L	JS,						
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	Carson Rowe						
Latitude, Longitude (WGS84) 42.8407824738, -74				38, -74.533667257	-74.5336672571					
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage Dry					F	-low Direction		Ν		
Average Depth 1			1		F	Perceptible Flow	v	No		
Channel Substrate Silt/Clay,			Silt/Clay, Co	bble/Gravel	c	Obstruction NA				
Channel Gradient 2 to 4% (1			2 to 4% (1 t	o 2 deg) Moderate	c	Canopy Closure	(Est.)	60 to ⁻	70%	
Is floodplain present? No			No		E	Bankfull Width (ft) NA		NA	A	
Probed Stream Depth 0 to 6 i			0 to 6 inche	S	E	Existing Water V	Vidth (ft)	0.5		
Top of Bank (ft)			2.5		F	Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High W	/ater Mar	k (ft)	1.5	Water Quality Clear			Clear			
OHWM Indicator	rs		Natural Line	ural Line Impressed on Bank, Bed and Banks						
Water Quality Co	omments									
Bank Substrate((s)		Silt/Clay							
Aquatic Habitat((s)		Overhangin	g Vegetation						
Observed Use			Drainage							
Observed Fauna	a(s)					•				
RTE Present?	Unknowr	ı	RTE Specie	es & Evidence						
Bank	E	Bank Heig	ıht (ft)			Bank Slop	e		Bank Erosion Potential	
LEFT BANK		1		8 to 1	5%	5% (5 to 9 deg) Moderately Sloping			Low	
RIGHT BANK	HT BANK 2.5 2				25 to 35% (14 to 20 deg) Steep High					
NOTES: Hemlock, sugar maple, Christmas fern										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-18 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	19	(Classification	Intermittent				
Stream Name	N/A		C	Date	2021-09-10 12:0	5:34			
Address	Canajoha	rie NY 13317 l	JS,		-				
Location Description	n								
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude	(WGS84)	42.84415874	63, -74.5322156791						
STREAM / W	ATERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Low		Flow Direction E					
Average Depth		1		Perceptible Flow					
Channel Substrate		Silt/Clay		Obstruction	NA				
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	20 to 3	30%		
Is floodplain present? No				Bankfull Width (ft) NA					
Probed Stream Dept	th	0 to 6 inche	S	Existing Water V	Vidth (ft)	0.5	5 .S. Army Corp		
Top of Bank (ft)		1		Presumed Regu	latory Authority	U.S. A	rmy Corp		
Ordinary High Water	r Mark (ft)	0.5		Water Quality		Clear			
OHWM Indicators		Natural Line	e Impressed on Bank, Bed and Banks						
Water Quality Comn	nents								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unit	known	RTE Specie	es & Evidence						
Bank	Bank Heiç	Jht (ft)	Bank Slope Bank Erosio Potential				Bank Erosion Potential		
LEFT BANK	0.5		8 to 15% (5 to 9 deg) Moderately Sloping Low						
RIGHT BANK	0.5		8 to 15	% (5 to 9 deg) Mod	lerately Sloping		Low		
NOTES: Willow, dogwood, rose ,rice cutgrass									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WATERBODY OVERVIEW									
Stream/Water	· ID	S-NSD-2	20		Cla	assification	Intermittent		
Stream Name	9	N/A			Da	te	2021-09-10 14:02	2:15	
Address		Canajoha	rie NY 13317 L	JS,					
Location Descri	ption								
Evaluator(s)			Nick DeJohn,	ck DeJohn, Carson Rowe					
Latitude, Longit	ude (WGS	S84)	42.842419459	95, -74.5333451406					
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage			Low		F	Flow Direction N		N	
Average Depth			1		F	Perceptible Flov	v	No	
Channel Substrate S			Silt/Clay		c	Obstruction		NA	
Channel Gradient 2			2 to 4% (1 t	o 2 deg) Moderate	c	Canopy Closure	(Est.)	30 to 4	40%
Is floodplain present?			No		Bankfull Width (ft)		NA		
Probed Stream Depth			0 to 6 inche	S	E	Existing Water V	Vidth (ft)	1	
Top of Bank (ft)			3		F	Presumed Regu	latory Authority	U.S. A	army Corp
Ordinary High W	later Mar	k (ft)	1.5	Water Quality C			Clear		
OHWM Indicator	rs		Natural Line	Natural Line Impressed on Bank, Bed and Banks					
Water Quality Co	omments	i							
Bank Substrate((s)		Silt/Clay						
Aquatic Habitat((s)		Overhangin	g Vegetation					
Observed Use			Drainage						
Observed Fauna	a(s)								
RTE Present?	Unknowr	า	RTE Specie	es & Evidence					
Bank	E	Bank Heig	ıht (ft)) Ba			e		Bank Erosion Potential
LEFT BANK		0.5		8 to 1	.5% ((5 to 9 deg) Mod	erately Sloping		Low
RIGHT BANK	RIGHT BANK 1 8 to 1			.5% ((5 to 9 deg) Mod	erately Sloping		Low	
NOTES: Willow, cottonwood, honeysuckle, sensitive fern									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-20 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water	' ID	S-NSD-2	21		Cla	assification	Intermittent			
Stream Name	!	N/A			Dat	te	2021-09-13 12:1	5:48		
Address		Canajoha	rie NY 13317 l	JS,						
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	eJohn, Carson Rowe						
Latitude, Longitude (WGS84) 42.8424871015, -74.5394					5					
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage			Low		F	Flow Direction NW				
Average Depth		1		P	Perceptible Flow	v	No			
Channel Substrate Co		Cobble/Gra	vel	c	Obstruction		NA			
Channel Gradient 2 to		2 to 4% (1 t	o 2 deg) Moderate	c	Canopy Closure	(Est.)	20 to 3	30%		
Is floodplain present? No			No		E	Bankfull Width (ft)			NA	
Probed Stream Depth 0 to			0 to 6 inche	S	E	Existing Water V	Vidth (ft)	0.5		
Top of Bank (ft)			2.5		P	Presumed Regu	latory Authority	U.S. A	Army Corp	
Ordinary High W	/ater Mar	k (ft)	1		v	Vater Quality		Clear		
OHWM Indicator	rs		Natural Line	al Line Impressed on Bank, Bed and Banks						
Water Quality C	omments									
Bank Substrate	(s)		Silt/Clay							
Aquatic Habitat	(s)		Overhangin	g Vegetation						
Observed Use			Drainage							
Observed Fauna	a(s)									
RTE Present?	Unknowr	ı	RTE Specie	es & Evidence						
Bank	E	Bank Heig	ıht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK		0.5		8 to 8% (0	to 5	deg) Nearly Lev	el to Gently Sloping		Low	
RIGHT BANK 0.5 8 to			8 to 1	5% ((5 to 9 deg) Mod	erately Sloping		Low		
NOTES:										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-21 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-2	22		Classification	Intermittent				
Stream Name	N/A			Date	2021-09-13 13:5	2:43			
Address	Canajoha	rie NY 13317 l	JS,						
Location Description	n								
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude	(WGS84)	42.84412153	5307, -74.5394135547						
STREAM / W	STREAM / WATERBODY CHARACTERISTICS								
Flow Stage		Moderate		Flow Direction		NE			
Average Depth		2		Perceptible Flow					
Channel Substrate		Silt/Clay		Obstruction		NA			
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)				
Is floodplain present? No				Bankfull Width	Bankfull Width (ft) NA				
Probed Stream Dept	th	0 to 6 inche	s	Existing Water \	Width (ft)	2.5			
Top of Bank (ft)		3.5		Presumed Regu	latory Authority	U.S. A	rmy Corp		
Ordinary High Water	r Mark (ft)	3		Water Quality		Clear			
OHWM Indicators		Natural Line	Natural Line Impressed on Bank, Bed and Banks						
Water Quality Comm	nents								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unk	known	RTE Specie	es & Evidence						
Bank	Bank Heig	ıht (ft)) Bank Slope Bank Erosic Potential				Bank Erosion Potential		
LEFT BANK	0.5		8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low						
RIGHT BANK	0.5		0 to 8% (0	to 5 deg) Nearly Lev	el to Gently Sloping		Low		
NOTES: Sensitive fern, dogwood, willow									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-22 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-	23		Classification	Intermittent				
Stream Name	Flat Cre	ek and tribs,	876-259	Date	2021-09-14 08:5	5:47			
Address	300–370	Conway Rd Ca	najoharie NY 1331	7 US,					
Location Description	on								
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude	e (WGS84)	42.84458651	68, -74.526125723	6					
STREAM / V	VATERBOD	Y CHARAG	CTERISTICS						
Flow Stage		Moderate		Flow Direction					
Average Depth	3		Perceptible Flow	N					
Channel Substrate		Cobble/Gra	vel	Obstruction					
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	10 to 2	20%		
Is floodplain present? No				Bankfull Width	Bankfull Width (ft) NA				
Probed Stream Dep	oth	0 to 6 inche	S	Existing Water V	Width (ft)	2.5			
Top of Bank (ft)		4		Presumed Regu	latory Authority	U.S. A	Army Corp		
Ordinary High Wate	er Mark (ft)	3		Water Quality		Clear			
OHWM Indicators		Natural Line	Natural Line Impressed on Bank, Bed and Banks						
Water Quality Com	ments								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Ur	nknown	RTE Specie	es & Evidence						
Bank	Bank Heiç	ıht (ft)	Bank Slope Bank Erosio				Bank Erosion Potential		
LEFT BANK	0.5		8 to 15% (5 to 9 deg) Moderately Sloping Low						
RIGHT BANK	0.5		8 to 1	5% (5 to 9 deg) Moc	lerately Sloping		Low		
NOTES: Ash, honeysuckle, jewelweed, goldenrod									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-23 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water	'ID	S-NSD-2	24		Cla	assification	Intermittent			
Stream Name	!	N/A			Da	te	2021-09-14 13:43	3:00		
Address		Canajoha	rie NY 13317 U	JS,						
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	, Carson Rowe						
Latitude, Longitude (WGS84) 42.8455597				5, -74.5218630229						
STREAM	/ WATE	RBOD	CHARAC	CTERISTICS						
Flow Stage			Low		F	-low Direction		Ν		
Average Depth 1			1		F	Perceptible Flow Yes Obstruction NA				
Channel Substrate Silt/Clay			Silt/Clay		c	Obstruction NA				
Channel Gradient 2 to 4% (1			2 to 4% (1 t	o 2 deg) Moderate	c	Canopy Closure	(Est.)	10 to 2	20%	
Is floodplain present? No			No		E	Bankfull Width (ft)			NA	
Probed Stream Depth 0 to 6 inch			0 to 6 inche	s	E	Existing Water V	Vidth (ft)	0.5		
Top of Bank (ft)			2		F	Presumed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High W	/ater Marl	k (ft)	1.5		۷	Nater Quality		Clear		
OHWM Indicator	ſS		Natural Line	e Impressed on Bank, Bed and Banks						
Water Quality Co	omments									
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use			Drainage							
Observed Fauna	a(s)					1				
RTE Present?	Unknown	ı	RTE Specie	es & Evidence						
Bank	E	Bank Heig	ht (ft)			Bank Slop	e		Bank Erosion Potential	
LEFT BANK		0.5		8 to 8% (0	to 5	deg) Nearly Lev	el to Gently Sloping		Low	
RIGHT BANK 0.5 0 to 8				0 to 8% (0	to 5	deg) Nearly Lev	el to Gently Sloping		Low	
NOTES: Dogwood, grape vine, jewelweed,										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-24 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	S-NSD-2	25		Classification	Intermittent				
Stream Name	876-259	, Flat Creek	and tribs	Date	2021-09-14 15:0	5:01			
Address	800-898	Carlisle Rd Ca	najoharie NY 13317	US,					
Location Descriptio	n								
Evaluator(s)		Nick DeJohn,	Carson Rowe						
Latitude, Longitude	(WGS84)	42.84705444	24, -74.5161246882	2					
STREAM / W	ATERBOD	CHARAG	CTERISTICS						
Flow Stage		Low		Flow Direction NW					
Average Depth 2				Perceptible Flow	N	Yes			
Channel Substrate		Cobble/Gra	vel	Obstruction		NA			
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	20 to 3	30%		
Is floodplain present? No				Bankfull Width (ft) NA			A		
Probed Stream Dep	th	0 to 6 inche	S	Existing Water \	Width (ft)	2.5			
Top of Bank (ft)		5		Presumed Regu	latory Authority	U.S. A	army Corp		
Ordinary High Wate	r Mark (ft)	3		Water Quality		Clear			
OHWM Indicators		Natural Line	Natural Line Impressed on Bank, Bed and Banks						
Water Quality Comm	nents								
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Uni	known	RTE Specie	es & Evidence						
Bank	Bank Heig	ht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK	13		8 to 15% (5 to 9 deg) Moderately Sloping Low						
RIGHT BANK	0.5		0 to 8% (0	to 5 deg) Nearly Lev	el to Gently Sloping		Low		
NOTES: Honeysuckle, buckthorn, bedstraw, rubus									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WATERBODY OVERVIEW										
Stream/Water ID	S-NSD-	26		Classification	Intermittent					
Stream Name	Flat Cre	ek and tribs,	876-259	Date	2021-09-15 08:2	8:48				
Address	500–598	Conway Rd Ca	anajoharie NY 1331	7 US,						
Location Description										
Evaluator(s)		Nick DeJohn,	Carson Rowe							
Latitude, Longitude (W	GS84)	42.84443337	94, -74.516719300	4						
STREAM / WA	FERBOD	Y CHARA	CTERISTICS							
Flow Stage		Moderate		Flow Direction		W				
Average Depth	2		Perceptible Flow	N						
Channel Substrate Cobble/			vel	Obstruction		NA				
Channel Gradient		< 2% (< 1 d	leg) Gentle	Canopy Closure	e (Est.)	0 to 10	0%			
Is floodplain present? No				Bankfull Width (Bankfull Width (ft) NA					
Probed Stream Depth		0 to 6 inche	S	Existing Water \	Width (ft)	2				
Top of Bank (ft)		3.5		Presumed Regu	latory Authority	U.S. A	rmy Corp			
Ordinary High Water M	ark (ft)	2.5		Water Quality		Clear				
OHWM Indicators		Natural Line	Natural Line Impressed on Bank, Bed and Banks							
Water Quality Comme	its									
Bank Substrate(s)		Silt/Clay								
Aquatic Habitat(s)										
Observed Use		Drainage								
Observed Fauna(s)										
RTE Present? Unkno	wn	RTE Specie	es & Evidence							
Bank	Bank Heig	Jht (ft)	Bank Slope				Bank Erosion Potential			
LEFT BANK	0.5		8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low							
RIGHT BANK	1		8 to 1	5% (5 to 9 deg) Mod	lerately Sloping		Low			
NOTES: Vervain, clover, grasses, horsetail										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-26 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water II	D S-N	NSD-2	7	,	Classification	Ephemeral				
Stream Name	N/A	A			Date	2021-09-15 10:5	0:38			
Address	Can	najohari	ie NY 13317 L	IS,		·				
Location Descripti	ion									
Evaluator(s)		1	Nick DeJohn,	Carson Rowe						
Latitude, Longitud	le (WGS84)) 4	42.842356398	31, -74.5167720742						
STREAM / \	WATERB	BODY	CHARAC	CTERISTICS						
Flow Stage			Dry		Flow Direction N					
Average Depth 0			0		Flow Direction N Perceptible Flow No					
Channel Substrate	e		Cobble/Grav	/el, Silt/Clay	Obstruction		NA			
Channel Gradient	adient 4 to 10% (2		to 6 deg) Steep	Canopy Closure	e (Est.)	10 to 20	0%			
Is floodplain prese	Is floodplain present? No				Bankfull Width	Bankfull Width (ft) NA				
Probed Stream De	epth		0 to 6 inches	6	Existing Water \	Width (ft)	0	A		
Top of Bank (ft)			2		Presumed Regu	latory Authority	U.S. Arı	J.S. Army Corp		
Ordinary High Wat	ter Mark (ft))	1		Water Quality					
OHWM Indicators			Natural Line	al Line Impressed on Bank, Bed and Banks						
Water Quality Com	nments		no water in o	channel						
Bank Substrate(s)			Silt/Clay							
Aquatic Habitat(s)			Overhanging	g Vegetation						
Observed Use			Drainage							
Observed Fauna(s	5)									
RTE Present? U	Inknown		RTE Specie	es & Evidence						
Bank	Bank	k Heigh	ht (ft)	Bank Slope Bank Erosic Potential				Bank Erosion Potential		
LEFT BANK		0.5		8 to 15% (5 to 9 deg) Moderately Sloping Low						
RIGHT BANK		0.5		8 to 15	5% (5 to 9 deg) Moc	lerately Sloping		Low		
NOTES: Dogwood, honeysuckle, ash, goldenrod										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-27 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water	ID	S-NSD-2	28		Cla	assification	Intermittent			
Stream Name		N/A			Da	te	2021-09-16 08:34	4:41		
Address		Canajoha	rie NY 13317 U	JS,						
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	, Carson Rowe						
Latitude, Longitu	ude (WG	S84)	42.84102127	43, -74.518549908						
STREAM	WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage			Low		F	-low Direction		N		
Average Depth 2			2		F			Yes		
Channel Substrate Cobble			Cobble/Gra	vel	C	Obstruction NA		NA		
Channel Gradient 2 to 4%		2 to 4% (1 t	o 2 deg) Moderate	C	Canopy Closure	(Est.)	30 to 4	40%		
Is floodplain present? No			No		E	Bankfull Width (ft) NA		NA	Α	
Probed Stream Depth 0 to 6 in			0 to 6 inche	S	E	Existing Water V	Vidth (ft)	1		
Top of Bank (ft)			2.5		F	Presumed Regu	latory Authority	U.S. A	army Corp	
Ordinary High W	/ater Mar	k (ft)	1.5		٧	Nater Quality		Clear		
OHWM Indicator	s		Natural Line	e Impressed on Bank, Bed and Banks						
Water Quality Co	omments									
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhangin	g Vegetation						
Observed Use			Drainage							
Observed Fauna	ı(s)									
RTE Present?	Unknowr	ı	RTE Specie	es & Evidence						
Bank	E	Bank Heig	ht (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK		0.5		8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low				Low		
RIGHT BANK 0.5 0 to 8% (0				to 5	o 5 deg) Nearly Level to Gently Sloping Low					
NOTES: Buckthorn, dogwood, goldenrod, ash										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-28 Page 2 of 2



STREAM / WATERBODY OVERVIEW											
Stream/Water	D	ID S-NSD-29			Cla	assification	Intermittent				
Stream Name		N/A			Date		2021-09-16 11:27:14				
Address		Canajoha	rie NY 13317 L	e NY 13317 US,							
Location Descri	ption										
Evaluator(s)			Nick DeJohn,	Nick DeJohn, Carson Rowe							
Latitude, Longit	ude (WGS	S84)	42.838378083	3, -74.5165007003							
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS							
Flow Stage			Moderate		F	-low Direction		Ν			
Average Depth			3		P	Perceptible Flow	v	Yes			
Channel Substra	ate		Cobble/Gra	vel	c	Obstruction		NA			
Channel Gradier	nt		2 to 4% (1 to 2 deg) Moderate		c	Canopy Closure (Est.)		50 to 60%			
Is floodplain present?			No		B	Bankfull Width (ft)		NA			
Probed Stream I	Depth		0 to 6 inches		E	Existing Water Width (ft)		2			
Top of Bank (ft)			3.5	3.5		Presumed Regulatory Authority		U.S. A	Army Corp		
Ordinary High W	later Mar	k (ft)	3	3		Nater Quality		Clear			
OHWM Indicator	ſS		Natural Line Impressed on Bank, Bed and Banks								
Water Quality Co	omments										
Bank Substrate(s)		Silt/Clay								
Aquatic Habitat(s)		Overhanging Vegetation								
Observed Use			Drainage								
Observed Fauna	a(s)										
RTE Present? Unknown			RTE Specie	es & Evidence							
Bank Bank Heigh		ıht (ft)			Bank Slope			Bank Erosion Potential			
LEFT BANK		0.5		8 to 8% (0 to		5 deg) Nearly Level to Gently Sloping			Low		
RIGHT BANK 0.5				0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low					Low		
NOTES: Hemlock, musclewood, basswood, sensitive fern, jewelweed											



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071



STREAM / WATERBODY OVERVIEW										
Stream/Water	ID	ID S-NSD-30			Cla	assification	Ephemeral			
Stream Name	N/A			Date		2021-09-16 14:36:39				
Address		Canajoha	rie NY 13317 L	NY 13317 US,						
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	Nick DeJohn, Carson Rowe						
Latitude, Longitu	ude (WG	S84)	42.84180070	74, -74.514989527						
STREAM	/ WATE	ERBOD	Y CHARAG	CTERISTICS						
Flow Stage			Low		F	-low Direction		N		
Average Depth			1		F	Perceptible Flow	v	Yes		
Channel Substra	ate		Silt/Clay		C	Obstruction		NA		
Channel Gradier	nt		2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		50 to 60%		
Is floodplain present?			No		E	Bankfull Width (ft)		NA		
Probed Stream I	Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		0.5		
Top of Bank (ft)			2	2		Presumed Regulatory Authority		U.S. Army Corp		
Ordinary High Water Mark (ft)			1.5		٧	Nater Quality		Clear		
OHWM Indicator	'S		Natural Line Impressed on Bank, Bed and Banks							
Water Quality Co	omments									
Bank Substrate(s)		Silt/Clay							
Aquatic Habitat(s)		Overhanging Vegetation							
Observed Use			Drainage							
Observed Fauna	ı(s)									
RTE Present? Unknown		RTE Specie	RTE Species & Evidence							
Bank Bank Height (ıht (ft)	Bank Slope		e		Bank Erosion Potential		
LEFT BANK		2		15 to 2		25% (9 to 14 deg) Steeply Sloping			Moderate	
RIGHT BANK 1				15 to 25% (9 to 14 deg) Steeply Sloping Moderate					Moderate	
NOTES: Elm, buckthorn, goldenrod, homeysuckle										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-30 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water	'ID	ID S-NSD-31			Cla	ssification	Intermittent			
Stream Name	!				Date		2021-09-17 09:31:25			
Address		Canajoha	rie NY 13317 L	JS,						
Location Descri	ption									
Evaluator(s)			Nick DeJohn,	ick DeJohn, Carson Rowe						
Latitude, Longit	ude (WGS	S84)	42.843348593	35, -74.5102288575	5					
STREAM	/ WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage			Low		F	low Direction		N		
Average Depth			2		Р	erceptible Flov	v	Obscu	ıred	
Channel Substra	ate		Cobble/Grav	vel	0	Obstruction		Brush		
Channel Gradient			< 2% (< 1 deg) Gentle		С	Canopy Closure (Est.)		0 to 10%		
Is floodplain present?			No		в	Bankfull Width (ft)		NA		
Probed Stream I	Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		2.5		
Top of Bank (ft)			4	4		Presumed Regulatory Authority		U.S. A	Army Corp	
Ordinary High W	later Marl	k (ft)	3.5		v	Vater Quality		Clear		
OHWM Indicator	ſS		Natural Line	Natural Line Impressed on Bank, Bed and Banks						
Water Quality Co	omments									
Bank Substrate(s)		Silt/Clay, Cobble/Gravel							
Aquatic Habitat(s)		Overhanging Vegetation							
Observed Use			Drainage							
Observed Fauna	a(s)									
RTE Present? Unknown		RTE Specie	RTE Species & Evidence							
Bank	Bank Bank Height (ft)		ıht (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK		1		8 to 15% (5 to 9 deg) Moderately Sloping			Low			
RIGHT BANK 0.5				0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low				Low		
NOTES: Thistle	e, goldenro	od, mullein	, grasses							



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-NSD-31 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID S	S-RDS-0)1		Classification	Intermittent				
Stream Name F	Flat Cree	ek and tribs.,	876-259	2021-09-07 13:57:09					
Address A	Ames Nev	v York 13317 U	/ork 13317 United States,						
Location Description									
Evaluator(s)		Ryan Snow, Al	bi Light						
Latitude, Longitude (WGS8	84)	42.840273498	47289, -74.51472	658663988					
STREAM / WATER	RBOD	CHARAC	TERISTICS						
Flow Stage		Dry		Flow Direction		N			
Average Depth		0		Perceptible Flow	N	No			
Channel Substrate	Cobble/Gravel, Boulders, Silt/Clay		Obstruction	Obstruction		NA			
Channel Gradient	2 to 4% (1 to 2 deg) Moderate		Canopy Closure	Canopy Closure (Est.)		80 to 90%			
Is floodplain present?	No		Bankfull Width (ft)		NA				
Probed Stream Depth	0 to 6 inches		Existing Water \	Width (ft)	1				
Top of Bank (ft)		5		Presumed Regu	llatory Authority	U.S. A	rmy Corp		
Ordinary High Water Mark	4		Water Quality						
OHWM Indicators		Plant Community Change, Bed and Banks, Soil Character Change							
Water Quality Comments		No water in channel							
Bank Substrate(s)		Silt/Clay, Organic							
Aquatic Habitat(s)									
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknown		RTE Species	RTE Species & Evidence						
Bank Ba	ank Heig	ht (ft)		Bank Slope			Bank Erosion Potential		
LEFT BANK	1		8 to 15% (5 to 9 deg) Moderately Sloping				Moderate		
RIGHT BANK		8 to 15% (5 to 9 deg) Moderately Sloping Moderate							
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-01 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water II	ID S-RDS-02				Classification	Ephemeral			
Stream Name	N//	/A			Date		2021-09-07 15:18:35		
Address	Ca	anajohari	e NY 13317 L	JS,					
Location Description			Connects to S1						
Evaluator(s)			Ryan Snow, A	Abi Light					
Latitude, Longitud	le (WGS84)	.) 4	42.83819630	04, -74.515397316	5				
STREAM / V	NATERE	BODY	CHARAG	CTERISTICS					
Flow Stage			Dry		Flow Direction		NE		
Average Depth			0		Perceptible Flor	N	No		
Channel Substrate	9		Cobble/Grav	vel, Silt/Clay	Obstruction	Obstruction			
Channel Gradient			4 to 10% (2 to 6 deg) Steep		Canopy Closure	Canopy Closure (Est.)		90 to 100%	
Is floodplain present?			No		Bankfull Width (ft)		NA		
Probed Stream De	pth		0 to 6 inches		Existing Water	Existing Water Width (ft)		1	
Top of Bank (ft)			3		Presumed Regu	latory Authority	U.S. A	rmy Corp	
Ordinary High Wat	Ordinary High Water Mark (ft)				Water Quality				
OHWM Indicators			Bed and Banks, Terrestrial Vegetation Destroyed						
Water Quality Com	nments		no flowing water in channel						
Bank Substrate(s)			Organic, Silt/Clay						
Aquatic Habitat(s)									
Observed Use			Drainage						
Observed Fauna(s	i)								
RTE Present? U	nknown		RTE Specie	RTE Species & Evidence					
Bank	Banl	nk Heigh	nt (ft)		Bank Slope			Bank Erosion Potential	
LEFT BANK		3			> 35% (> 20 deg) Very Steep			High	
RIGHT BANK 3				> 35% (> 20 deg) Very Steep High				High	
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-02 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water ID	ID S-RDS-03			Classification	Ephemeral	Ephemeral			
Stream Name	N/A			Date 2021-09-07 15:4		9:55			
Address	Canajoha	rie NY 13317 U	JS,						
Location Description		Connects to S	Connects to S1						
Evaluator(s)		Ryan Snow, A	Ryan Snow, Abi Light						
Latitude, Longitude (WGS	584)	42.83938783	35, -74.5153238852	2					
STREAM / WATE	RBOD	(CHARAG	CTERISTICS						
Flow Stage		Dry		Flow Direction		E			
Average Depth		0		Perceptible Flow	N	No			
Channel Substrate		Cobble/Gra	vel	Obstruction	Obstruction				
Channel Gradient	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		60 to 70%				
Is floodplain present?	No		Bankfull Width (ft)		NA				
Probed Stream Depth		0 to 6 inches		Existing Water \	Existing Water Width (ft)		1		
Top of Bank (ft)		3		Presumed Regu	Presumed Regulatory Authority		rmy Corp		
Ordinary High Water Mark	< (ft)	2		Water Quality					
OHWM Indicators		Bed and Banks, Plant Community Change							
Water Quality Comments		no water in channel							
Bank Substrate(s)		Silt/Clay, Organic							
Aquatic Habitat(s)									
Observed Use		Drainage							
Observed Fauna(s)									
RTE Present? Unknown	l	RTE Specie	RTE Species & Evidence						
Bank B	Bank Heig	ht (ft)		Bank Slope			Bank Erosion Potential		
LEFT BANK	2		15 to 25% (9 to 14 deg) Steeply Sloping				High		
RIGHT BANK		15 to 25% (9 to 14 deg) Steeply Sloping High				High			
NOTES:									



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-03 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-RDS-	04		Classification	Ephemeral			
Stream Name	N/A			Date	2021-09-07 16:12	2:41		
Address	Canajoha	rie NY 13317 l	JS,					
Location Description	Location Description							
Evaluator(s)		Ryan Snow, A	Abi Light					
Latitude, Longitude (WG	S84)	42.83946554	31, -74.5153064951					
STREAM / WAT	ERBOD	Y CHARA	CTERISTICS					
Flow Stage Dry				Flow Direction		NW		
Average Depth		0		Perceptible Flow	N	No		
Channel Substrate		Silt/Clay, Co	bble/Gravel	Obstruction		NA		
Channel Gradient		4 to 10% (2	to 6 deg) Steep	Canopy Closure	e (Est.)	80 to 90%		
Is floodplain present?		No		Bankfull Width (ft) NA			NA	
Probed Stream Depth		0 to 6 inche	S	Existing Water Width (ft) 1				
Top of Bank (ft)		4		Presumed Regu	latory Authority	U.S. A	army Corp	
Ordinary High Water Ma	rk (ft)	3		Water Quality				
OHWM Indicators		Bed and Ba	nks, Plant Commun	ity Change				
Water Quality Comments	6	no water in	channel					
Bank Substrate(s)		Silt/Clay						
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		Drainage						
Observed Fauna(s)								
RTE Present? Unknow	n	RTE Specie	es & Evidence					
Bank	Bank Heiç	ıht (ft)	(ff) Bank Slope			Bank Erosion Potential		
LEFT BANK	2		2	5 to 35% (14 to 20 c	deg) Steep		High	
RIGHT BANK	2		2	5 to 35% (14 to 20 d	deg) Steep		High	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-04 Page 2 of 2



STREAM / WATERBODY OVERVIEW										
Stream/Water	ID	S-RDS-(05		Cla	assification	Perennial			
Stream Name		Flat Cre	ek and tribs,	876-259	Da	te	2021-09-08 12:03:31			
Address		,								
Location Description										
Evaluator(s)			Ryan Snow, A	Ryan Snow, Abi Light						
Latitude, Longitu	ude (WGS	S84)	42.82925492	75, -74.487719378	4					
STREAM /	WATE	RBOD	Y CHARAG	CTERISTICS						
Flow Stage			Low		F	low Direction		NE		
Average Depth			2		F	Perceptible Flov	v	Yes		
Channel Substra	te		Cobble/Gra	vel, Silt/Clay	c	Obstruction		NA		
Channel Gradier	nt		< 2% (< 1 d	eg) Gentle	c	Canopy Closure	e (Est.)	40 to 50%		
Is floodplain present? No			No	No		Bankfull Width (ft)		NA		
Probed Stream D	Depth		0 to 6 inche	0 to 6 inches		Existing Water Width (ft)		3		
Top of Bank (ft)			5		Presumed Regulatory Authority		U.S. Army Corp			
Ordinary High W	ater Mar	k (ft)	4		v	Vater Quality		Clear		
OHWM Indicator	s		Soil Charac	ter Change, Terres	r Change, Terrestrial Vegetation Destroyed, Plant Community Change, Bed and Banks					
Water Quality Co	omments									
Bank Substrate(s)		Silt/Clay, Or	ganic						
Aquatic Habitat(s)		Riffle - Pool	, Plunge Pools						
Observed Use			Drainage							
Observed Fauna	(s)		Fish, Frogs							
RTE Present?	Unknowr	ı	RTE Specie	es & Evidence						
Bank	E	Bank Heig	ıht (ft)	Bank Slope				Bank Erosion Potential		
LEFT BANK		1		8 to 15% (5 to 9			o (5 to 9 deg) Moderately Sloping		Moderate	
RIGHT BANK		2		15 to	25%	6 (9 to 14 deg) S	steeply Sloping		High	
NOTES:				NOTES:						



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-05 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-RDS-0	06		Classification	Perennial			
Stream Name	Flat Cree	ek and tribs,	876-259	Date	2021-09-08 14:	2021-09-08 14:32:31		
Address	,							
Location Description Flat Creek								
Evaluator(s) Ryan Snow, Abi Light								
Latitude, Longitude (WGS	84)	42.83057947	67, -74.485060564	2				
STREAM / WATERBODY CHARACTERISTICS								
Flow Stage Moderate			Flow Direction	n	w			
Average Depth		6		Perceptible F	ow	Yes		
Channel Substrate		Cobble/Gra	vel, Boulders	Obstruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closu	Canopy Closure (Est.)		80%	
Is floodplain present?		No		Bankfull Width (ft) NA			IA	
Probed Stream Depth		0 to 6 inche	S	Existing Water Width (ft) 6				
Top of Bank (ft)		12		Presumed Re	gulatory Authority	. Army Corp		
Ordinary High Water Mark	(ft)	6		Water Quality				
OHWM Indicators			nks, Terrestrial Veç er and Debris	getation Destroyed	l, Plant Community Ch	ange, Mı	ultiple Observed Flow	
Water Quality Comments								
Bank Substrate(s)		Silt/Clay, Co	bble/Gravel					
Aquatic Habitat(s)		Riffle - Pool	, Undercut Banks,	Overhanging Vege	etation			
Observed Use		Drainage, F	ishing					
Observed Fauna(s)		Fish, Frogs,	Invertebrates, Toa	ds				
RTE Present? Unknown		RTE Specie	es & Evidence					
Bank Ba	ank Heig	ht (ft)	Bank Slope Bank Erosion Potential				Bank Erosion Potential	
LEFT BANK	5		25 to 35% (14 to 20 deg) Steep High					
RIGHT BANK	2		15 to 25% (9 to 14 deg) Steeply Sloping Moderate				Moderate	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-06 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-RDS-	6		Classification	Perennial			
Stream Name	Flat Cre	ek		Date	2021-09-14 09:46	2021-09-14 09:46:57		
Address	Carlisle R	oad Sprakers I	New York,					
Location Description								
Evaluator(s)		Jerry Peake,	Jerry Peake, Steve Spotts					
Latitude, Longitude (WGS	584)	42.84001511	2.8400151139, -74.4984728732					
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage		Moderate		Flow Direction		Ν		
Average Depth		15		Perceptible Flow	v	Yes		
Channel Substrate		Boulders, C Silt/Clay	obble/Gravel, Sand	['] Obstruction		NA		
Channel Gradient		< 2% (< 1 d	eg) Gentle	Canopy Closure	e (Est.)	10 to 20%		
Is floodplain present? Yes				Bankfull Width (ft)		40		
Probed Stream Depth		12 to 24 inc	hes	Existing Water Width (ft)		20		
Top of Bank (ft)		NA		Presumed Regulatory Authority		USACE and State		
Ordinary High Water Marl	k (ft)	28	Water Quality Clear			Clear		
OHWM Indicators			Natural Line Impressed on Bank, Matted, Bent, or Absent Vegetation, Plant Community Change, Scour, Shelving, Bed and Banks, Litter and Debris, Sediment Sorting, Deposition, Wrack					
Water Quality Comments								
Bank Substrate(s)		Cobble/Gra	vel, Sand, Silt/Clay,	Organic				
Aquatic Habitat(s)		Overhangin	Overhanging Vegetation, Undercut Banks, Gravel Beach Bar, Riffle - Pool, Plunge Pools					
Observed Use								
Observed Fauna(s)		Fish, Snake	es, Frogs, Invertebra	ates, Toads				
RTE Present? Unknown	I	RTE Specie	es & Evidence					
Bank E	Bank Heig	ıht (ft)	Bank Slone			Bank Erosion Potential		
LEFT BANK	3		15 to	25% (9 to 14 deg) S	Steeply Sloping		Low	
RIGHT BANK	2.5		15 to 25% (9 to 14 deg) Steeply Sloping Low				Low	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-6 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID S-RD	6-07		Classification	Ephemeral				
Stream Name	nnamed NYSI C stream	DEC/NHD	Date	Date 2021-09-08 14:23		3:21		
Address Sprake	s NY 12166 US,							
Location Description	Connects to	S6						
Evaluator(s)	Ryan Snow, J	Abi Light						
Latitude, Longitude (WGS84)	itude, Longitude (WGS84) 42.8304732351, -74.4849489							
STREAM / WATERBO	DY CHARA	CTERISTICS						
Flow Stage	Low		Flow Direction		N			
Average Depth	1		Perceptible Flov	v	Yes			
Channel Substrate	Silt/Clay, C	obble/Gravel	Obstruction	Obstruction				
Channel Gradient	< 2% (< 1 c	< 2% (< 1 deg) Gentle		Canopy Closure (Est.)		80 to 90%		
Is floodplain present?	No		Bankfull Width (ft)		NA			
Probed Stream Depth	0 to 6 inche	es	Existing Water Width (ft)		2	2		
Top of Bank (ft)	4		Presumed Regulatory Authority			my Corp		
Ordinary High Water Mark (ft)	3		Water Quality Slight			Turbid		
OHWM Indicators	Bed and Ba	anks						
Water Quality Comments								
Bank Substrate(s)	Silt/Clay, O	rganic						
Aquatic Habitat(s)								
Observed Use	Drainage							
Observed Fauna(s)								
RTE Present? Unknown	RTE Speci	es & Evidence						
Bank Bank H	eight (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK		8 to 15	5% (5 to 9 deg) Mod	erately Sloping		Moderate		
RIGHT BANK	1 0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Low				Low			
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-07 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-RDS-	28		Classification	Ephemeral			
Stream Name	N/A			Date	e 2021-09-08 15:59:		:52	
Address	Sprakers	NY 12166 US,						
Location Description	cation Description Drains into W5							
Evaluator(s)		Ryan Snow, A	Abi Light					
Latitude, Longitude (WG	S84)	42.831322993	32, -74.486955304	5				
STREAM / WATE	RBOD	Y CHARAG	CTERISTICS					
Flow Stage Low				Flow Direction		N		
Average Depth		0.5		Perceptible Flow	N	Yes		
Channel Substrate		Cobble/Gra	vel, Silt/Clay	Obstruction		NA		
Channel Gradient		> 10% (> 6	deg) Very Steep	Canopy Closure	Canopy Closure (Est.)		60 to 70%	
Is floodplain present? No				Bankfull Width (ft)		NA	NA	
Probed Stream Depth		0 to 6 inche	S	Existing Water Width (ft)		1	1	
Top of Bank (ft)		1		Presumed Regu	latory Authority	U.S. Ar	my Corp	
Ordinary High Water Mar	k (ft)	1		Water Quality		Clear		
OHWM Indicators		Bed and Ba	inks, Plant Commu	nity Change, Disturb	ed/Washed-away Lea	af Litter, S	Soil Character Change	
Water Quality Comments								
Bank Substrate(s)		Silt/Clay, Or	rganic					
Aquatic Habitat(s)		Overhangin	g Vegetation					
Observed Use		Drainage						
Observed Fauna(s)								
RTE Present? Unknown	ı	RTE Specie	es & Evidence					
Bank I	Bank Heig	ıht (ft)	(ff) Bank Slope			Bank Erosion Potential		
LEFT BANK	4			> 35% (> 20 deg) Ve	ery Steep		High	
RIGHT BANK	4			> 35% (> 20 deg) Ve	ery Steep		High	
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-08 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID	S-RDS-0)9		Classification	Perennial			
Stream Name	Flat Cree	ek and tribs,	876-259	Date	2021-09-09 13:13	3:03		
Address	Sprakers I	NY 12166 US,	12166 US,					
Location Description		Runs within W	/9					
Evaluator(s)		Ryan Snow, A	vbi Light					
Latitude, Longitude (WGS	84)	42.83913825	56, -74.489357237	1				
STREAM / WATE	RBOD	(CHARAG	CTERISTICS					
Flow Stage		Low		Flow Direction		w		
Average Depth		2		Perceptible Flow	N	Yes		
Channel Substrate		Cobble/Grav	vel, Silt/Clay	Obstruction		NA		
Channel Gradient		2 to 4% (1 to	o 2 deg) Moderate	Canopy Closure	Canopy Closure (Est.)		0%	
Is floodplain present?	Is floodplain present? Yes			Bankfull Width (ft)		10		
Probed Stream Depth 0 to 6 inches Existing Water Wid			Width (ft)	Vidth (ft) 5				
Top of Bank (ft)	Top of Bank (ft) NA			Presumed Regulatory Authority		U.S. Aı	my Corp	
Ordinary High Water Mark	(ft)	6	Water Quality Cl			Clear		
OHWM Indicators		Bed and Ba Leaf Litter	nks, Multiple Obse	rved Flow Events, P	lant Community Chan	ge, Distı	urbed/Washed-away	
Water Quality Comments								
Bank Substrate(s)		Organic, Sil	t/Clay					
Aquatic Habitat(s)		Undercut Ba	anks, Overhanging	Vegetation				
Observed Use		Drainage						
Observed Fauna(s)								
RTE Present? Unknown		RTE Specie	es & Evidence					
Bank B	ank Heig	ht (ft)	Bank Slone			Bank Erosion Potential		
LEFT BANK	0.5		8 to 8% (0 to 5 deg) Nearly Level to Gently Sloping Moderate				Moderate	
RIGHT BANK	0.5		8 to 15% (5 to 9 deg) Moderately Sloping Moderate					
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-09 Page 2 of 2



		STREAM / WATERBODY OVERVIEW								
Stream/Water ID S-RDS-1	0	Classification	Intermittent							
	tary to unnamed C/NHD Class C stream	Date	2021-09-10 10:0	9:50						
Address Sprakers N	IY 12166 US,									
Location Description	Adjacent to W6									
Evaluator(s)	Ryan Snow, Abi Light									
Latitude, Longitude (WGS84)	42.8325511017, -74.48534008	31								
STREAM / WATERBODY	CHARACTERISTICS									
Flow Stage	Low	Flow Direction		SW						
Average Depth	0.5	Perceptible Flow	V							
Channel Substrate	Cobble/Gravel, Silt/Clay	Obstruction								
Channel Gradient	2 to 4% (1 to 2 deg) Moderate	Canopy Closure	(Est.)	70 to 80%						
Is floodplain present?	Yes	Bankfull Width (ft)	5						
Probed Stream Depth		Existing Water V	Vidth (ft)	1						
Top of Bank (ft)	NA	Presumed Regu	latory Authority	U.S. Army Corp						
Ordinary High Water Mark (ft)	3	Water Quality	Clear							
OHWM Indicators	Bed and Banks, Disturbed/Wa Change	shed-away Leaf Litte	r, Terrestrial Vegetatio	on Destroyed, Soil Character						
Water Quality Comments										
Bank Substrate(s)	Silt/Clay, Organic									
Aquatic Habitat(s)										
Observed Use	Drainage									
Observed Fauna(s)										
RTE Present? Unknown	RTE Species & Evidence									
Bank Bank Heigl	ht (ft)	t) Bank Slope Bank Er Poten								
LEFT BANK 2		25 to 35% (14 to 20 c	leg) Steep	High						
RIGHT BANK 0.5	0 to 8% () to 5 deg) Nearly Lev	el to Gently Sloping	Low						
NOTES:										



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-10 Page 2 of 2



STREAM / WATERBODY OVERVIEW								
Stream/Water ID S-RI	S-11		Classification	Intermittent				
	ributary to unn DEC/NHD Clas		Date	2021-09-10 10:3	0:13			
Address								
Location Description	Within W6							
Evaluator(s)	luator(s) Ryan Snow, Abi Light							
Latitude, Longitude (WGS84)	ngitude (WGS84) 42.831776266, -74.4846580955							
STREAM / WATERBO	DY CHARA	CTERISTICS						
Flow Stage	Low		Flow Direction		w			
Average Depth	2		Perceptible Flov	v	Yes			
Channel Substrate	Cobble/Gra	avel, Silt/Clay	Obstruction		NA			
Channel Gradient	Channel Gradient < 2% (< 1 deg) Ge		Canopy Closure	Canopy Closure (Est.)		60 to 70%		
Is floodplain present? Yes			Bankfull Width (ft)		5			
Probed Stream Depth			Existing Water W	Vidth (ft)	2			
Top of Bank (ft)	NA		Presumed Regulatory Authority U.S			my Corp		
Ordinary High Water Mark (ft)	3	Water Quality Clear						
OHWM Indicators	Bed and Ba	Bed and Banks, Plant Community Change, Soil Character Change						
Water Quality Comments								
Bank Substrate(s)	Silt/Clay, O	Silt/Clay, Organic						
Aquatic Habitat(s)								
Observed Use	Drainage							
Observed Fauna(s)								
RTE Present?	RTE Speci	es & Evidence						
Bank Bank	leight (ft)	Bank Slope			Bank Erosion Potential			
LEFT BANK	0.5	8 to 8% (0	to 5 deg) Nearly Lev	el to Gently Sloping		Low		
RIGHT BANK	0.5	0 to 8% (0 to 5 deg) Nearly Level to Gently Sloping				Low		
NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-11 Page 2 of 2



STREAM / WATERBODY OVERVIEW									
Stream/Water	ID	S-RDS-1	.2		Cla	assification	Ephemeral		
Stream Name		S12-unn	amed		Da	te	2021-09-10 10:35:25		
Address									
Location Descrip	tion		Runs into W6	uns into W6					
Evaluator(s)			Ryan Snow, A	Ryan Snow, Abi Light					
Latitude, Longitu	ide (WG	S84)	42.83161232	36, -74.484221886	6				
STREAM /	WATE		(CHARAG	CTERISTICS					
Flow Stage			Dry		F	-low Direction		SW	
Average Depth			0		F	Perceptible Flov	v		
Channel Substra	te		Silt/Clay		C	Obstruction			
Channel Gradien	t		2 to 4% (1 t	2 to 4% (1 to 2 deg) Moderate		Canopy Closure (Est.)		80 to 90%	
Is floodplain present?		No		E	Bankfull Width (ft)		NA		
Probed Stream Depth						Existing Water Width (ft)		1	
Top of Bank (ft)			2	2		Presumed Regulatory Authority			
Ordinary High Wa	ater Mar	k (ft)	1		١	Nater Quality			
OHWM Indicators	S		Bed and Ba	Bed and Banks					
Water Quality Co	mments								
Bank Substrate(s	5)		Silt/Clay, Or	Silt/Clay, Organic					
Aquatic Habitat(s	5)								
Observed Use			Drainage						
Observed Fauna	(s)								
RTE Present?	No		RTE Specie	es & Evidence					
Bank	E	Bank Heig	ht (ft)	(ft) Bank Slope				Bank Erosion Potential	
LEFT BANK		2		8 to 1	.5%	% (5 to 9 deg) Moderately Sloping			Moderate
RIGHT BANK	1.5 8 to 15% (5 to 9 deg) M			(5 to 9 deg) Mod	erately Sloping		Moderate		
NOTES:	NOTES:								



Upstream Photo:



Downstream Photo:



Across Stream Photo:





TRC 1200 Wall Street West, 5th Floor Lyndhurst, NJ 07071 S-RDS-12 Page 2 of 2