

Waterbody data point ssup022 facing northwest upstream.



Waterbody data point ssup022 facing south downstream.



Waterbody data point ssup022 facing northeast across bank.

Linear Waterbody Data She				
Survey Description	Materbody Name:	03/08/200	Waterbody ID:	Date:
Project Name:	Waterbody Name:	-1 - 1		1.1.
		Cohoun Creek	SELECTION INTRODUCTION CONTRACTOR	And the second of the second o
State: County/Parish:	원인과 나이는 계약하게 하면 아이는 사람이 되었다.	pany:	Crew Member Initials:	Photos: 5, N, E
VA Suffe	AND THE STREET, SHOWING THE STREET, ST	ESI		
Tract Number(s):	19 C. G. G. S. S. D. B. B. B. S.	est Milepost:	Associated Wet	
26-060-A031,26-0	060-A032	56.4	Wand	
Survey Type: (check one)	e DRe-Route	□Access Road	□Other:	
Physical Attributes				
Stream Classification: (check one)	ral □Intermitter	nt Derennial		
Waterbody Type: (check one) □River ☑S	tream Ditch	□ Canal □ Other		
OHWM OHWM India (check all that ap	nly)	Clear line ☐Shelvin bank	g Wrested vegetation	⊡Scouring □Water staining
Height:ft. ☑Bent, vegetat	matted, or missing \(\subseteq \) on	Wrack line ☐Litter as debris	community chan	
Width of Waterbody - Top of Width	of Waterbody - Toe o	f Slope Width of Waterb Water Edge:	ody - Water Edge to De	epth of Water:
0	of Slope:	water Euge.	6 ft.	1 ft.
<u>δ</u> ft.	<u>6</u> n.	N/A□ —		A□
	velocity:	Bank height	Ba	ank slope
(Approxi	11	Right:	1.5 #	Right: 50 degrees
	<u>fps</u>	Left:	1.5 ft.	Left: 50 degrees
☑Meandering N/A□			tt.	uegrees
Qualitative Attributes				
Water Appearance: (check one) □No water □	Clear Turbid	The first war and the construction of the first of the fi	rface □Algal □ um mats	Other:
Substrate: ☐ Bedrock ☐ E	loulder Cobble	☐ Gravel ☐ Sand	Silt/ clay Organic	☐ Other:
(check all that apply) % of Substrate: %	% %	% 60 %	10 % 30 %	%
		ACT DE TOMBRE		
	ve Layers: at apply)	☐ Trees:	☐ Saplings/Shrubs:	Herbs
1 7 5 ft. Avg. DB	H of Dominants:	in.	in.	<u>NA</u> in.
N/A□ (approx.) Dominant Bank Vegetation (list):				
Typha latifolia				
Anuatic Habitats (ex: submerged or emerc	ed aquatic vegetation, ove	rhanging banks/roots, leaf page	cks, large submerged wood, r	iffles, deep pools):
large rubmerged woo	d, leaf pack	, deep pools		
Aquatic Organisms Observed (list):				
T&E Species Observed (list): None				
Disturbances (ex: livestock access, manur	in waterbody, waste disch	narge pipes):		
Powerline mainter				
Tributary is:	I □ Artificial	, man-made 🖽 Manip	pulated	
Stream Quality *: (check one)	Modera	te 🗆 Low		

Waterbody	ID:			
SECTION OF STREET	P	-	2	4

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

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Notes:	
Waterbody Sketch (Include north arrow, centerline, distance from centerline, data point local	tion, survey boundary, and IDs of associated features)
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- (V/V 034 25	
- () 00%	
data III	
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	1
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Waterbody data point ssup024 facing south upstream.



Waterbody data point ssup024 facing north downstream.



Waterbody data point ssup024 facing east across bank.

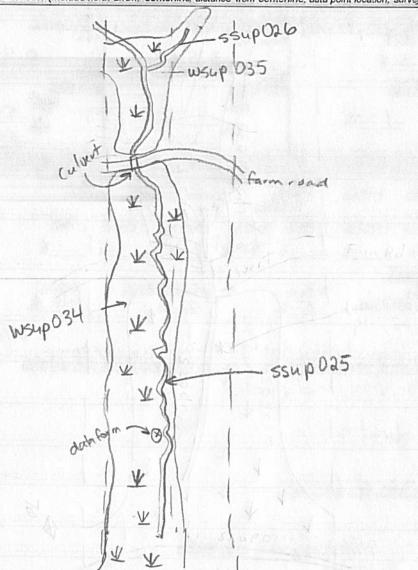
Linear Waterbody Data S	heet			31-11-01-01-01-01-01-01-01-01-01-01-01-01	ELOSE A LINES	10.47 (5.00 M.A. (5.00
Survey Description			Author Ca	+ 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	lD:	te:
Project Name:	Waterbody Na) (####################################		Waterbody ID:		
ACP	427+	o Cohoon		ssup 02		1////0
State: V A County/Par	ish: ffolk	Company: ESI		w Member Initials:	Photos:	, s, W
Tract Number(s):		Nearest Milepost:		Associated Wetlan		
26-060-A032		- 56	5.5	wsupc	34, WJ	up035
Survey Type:	terline WRe-	Route □Ac	cess Road	□Other:		The state of the s
Physical Attributes					DEED SALDIED	
Stream Classification: (check one)	emeral □Inte	mittent Pe	rennial			
Waterbody Type: (check one) □River	☑ Stream ☐ Dit	ch Canal	☐ Other:			
OHWM (check all th	ndicator: aat apply)	Clear line on bank	☐ Shelving	□Wrested vegetation	⊡ecouring	□Water staining
	Bent, matted, or missir getation	ng ⊡Wrack line	Litter and debris	☐Abrupt plant community change	The Control of the Co	racteristic change
Width of Waterbody - Top of Bank to Top of Bank:	vidth of Waterbody -	Toe of Slope Width Water	of Waterbody Edge: 3 . 5	(Appr		.5 _{ft}
<u> </u>	3.5 ft.	N/A□		N/A		
(check one)	Vater velocity: Approx.)	Bank i	Right	ft.	k slope Right: Left:	50 degrees
	I/A 🗆			ft.		degrees
Qualitative Attributes						
Water Appearance: (check one)	⊞Clear □Turl	bid □Sheen on surface	□Surface scum	e □Algal □Ot mats	her:	
Substrate: Bedrock	□ Boulder □ Cobl		Sand 12/Si		☐ Other: %	
75 (check	etative Layers: c all that apply) DBH of Dominants:	Trees:		aplings/Shrubs: in.	Herbs NH_in.	
Dominant Bank Vegetation (list):	tea, Liqus	trum sine	nse, Lo	nicerajapo	nical	Tlex opaca
Aquatic Habitats (ex: submerged or e	merged aquatic vegetation	on, overhanging banks/ro	ots, leaf packs, la	arge submerged wood, riffl	es, deep pools):	
Aquatic Organisms Observed (list) Benthic macroin	: vertebrat	er				
T&E Species Observed (list):						
Disturbances (ex: livestock access, m	anure in waterbody, was	te discharge pipes):				
Tributary Is:	atural \square A	rtificial, man-made	☐ Manipulate	ed		
Stream Quality *: (check one)	gh □ M	loderate	□ Low			

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:





Waterbody data point ssup025 facing northeast upstream.



Waterbody data point ssup025 facing south downstream.



Linear Waterbody Data Sheet				STATES OF THE PARTY OF THE PART		
Survey Description				- FILL 1 1 15		Data
Project Name:	Waterbody Name			Waterbody ID:		Date:
ACP	UNIto	Cohoon	Creek	55 up 02	_6	1/7/16
State: County/Parish:	C	ompany:		rew Member Initial		
VA Suff	olk	ESI		MK5 NU		W, N
Tract Number(s):	N	earest Milepost:		Associated V		
26-060-A032		56	.6	WSU	P035	of the Paris A
Survey Type: (check one)	. □Re-Ro	ute □A	ccess Road	□Other:		
Physical Attributes Stream Classification:						
(check one)	al Minterm	ittent □P	erennial			
Waterbody Type: (check one) □River □Str	eam 🗆 Ditch	☐ Canal	□ Other:			
OHWM Width: 2 ft. OHWM Indica		Clear line on bank	□Shelving	□Wrested vegetation	⊡Scourin	g □Water staining
N/A vegetatio			Litter and debris	community c		haracteristic change
Bank to Top of Bank: to Toe	of Waterbody - To of Slope: 2 , 5 _{ft.}	Water	r Edge:	dy - Water Edge to	_	r: 0.3 _{ft.}
Sinuosity: (check one) □Straight □Meandering N/A□	velocity:		height Right: Left:	ft.	N/A□ Bank slope Right	degrees
Qualitative Attributes						
Water Appearance:		7				
(check one) □No water □(Clear Turbid	☐Sheen on surfac	□Surfa ce scun		□Other:	
Substrate:	oulder Cobble	Gravel Gravel		Silt/ clay Drorgan		
Width of Riparian Zone: Vegetative	E Layers:	/	100		/	
SO ft. (check all that Avg. DBH (approx.)	apply) of Dominants:	Trees:6in.	<u></u>	Saplings/Shrubs:	Herbsir	
Dominant Bank Vogotation (list)		In a American State of The				
Arundinariagigante	a, Ilexo	paca, Sm	ilax lau	pritolia, A	cer rubi	um
Aquatic Habitats (ex: submerged or emerge	d aquatic vegetation,	overhanging banks/r	oots, leaf packs	s, large submerged woo	d, riffles, deep poo	ls):
Leaf packs						
Aquatic Organisms Observed (list): Benthic Macroinve	edebest	er				
T&E Species Observed (list):	1 1 0 1 001	Action of the second	4.70			
None				7		
Disturbances (ex: livestock access, manure	in waterbody, waste o	discharge pipes):				
Tributary is: (check one) Natural	☐ Artif	icial, man-made	☐ Manipul	ated		
Stream Quality *:	□ Mod	erate	□ Low	The state of the s		

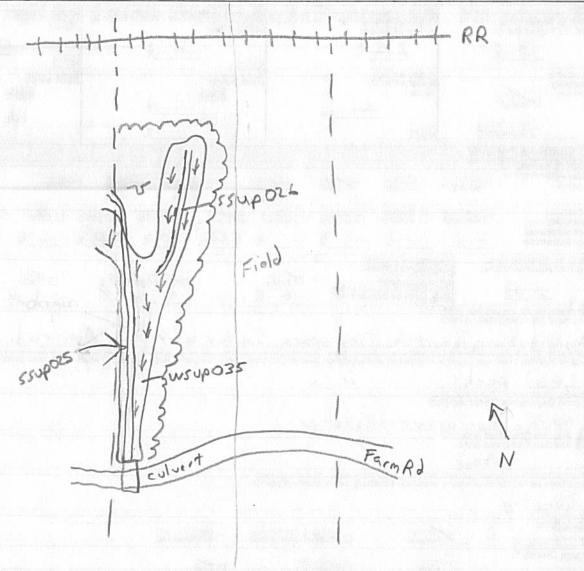
Waterbody ID: SSUP 026

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:





Waterbody data point ssup026 facing east upstream.



Waterbody data point ssup026 facing west downstream.



Waterbody data point ssup026 facing north across bank.

Linear Waterbody Data Sheet Survey Description Waterbody ID: Project Name: Waterbody Name: 1/7/16 ACF SSUP 033 Photos: County/Parish: State: MKS, NWM NW SE NE Associated Wetland ID(s): Nearest Milepost: Tract Number(s): 26-060-A035, 26-060-A036 None Survey Type: (check one) ⊠Re-Route □Other: □ Centerline ☐Access Road Physical Attributes Stream Classification: Mintermittent (check one) □ Ephemeral □ Perennial Waterbody Type: Ditch (check one) □River ☐ Stream ☐ Canal Other: OHWM Indicator: OHWM □Water Shelving □Wrested □ Scouring check all that apply) Clear line Width: vegetation staining on bank ☐Soil characteristic change Height: □Litter and □Abrupt plant ☐Bent, matted, or missing ☐Wrack line debris community change vegetation Width of Waterbody - Toe of Slope Width of Waterbody - Water Edge to Depth of Water: Width of Waterbody - Top of Water Edge: Bank to Top of Bank: to Toe of Slope: 2,5 # N/A 🗆 N/A Water velocity: Bank height Bank slope Sinuosity: (check one) (Approx.) **⊠**Straight degrees degrees □Meandering N/AI Qualitative Attributes Water Appearance: Clear □Other: □Algal □No water □Turbid □Sheen □ Surface (check one) on surface scum Silt/ clay Organic Other: ☐ Boulder ☐ Cobble ☐ Gravel ☐ Sand ☐ Bedrock Substrate: (check all that apply) 80% % of Substrate: % Width of Riparian Zone: Vegetative Layers: Herbs Saplings/Shrubs: (check all that apply) ☐ Trees: NA in Avg. DBH of Dominants: in. Dominant Bank Vegetation (list): Festucarubra, Acerrubrum, Juneus effusus Aquatic Habitats (ex: submerged or emerged aquatic vegetation, overhanging banks/roots, leaf packs, large submerged wood, riffles, deep pools): None Aquatic Organisms Observed (list): None T&E Species Observed (list): None Disturbances (ex: livestock access, manure in waterbody, waste discharge pipes): ditch Maintenance Mowing, Tributary is: M Artificial, man-made (check one) ☐ Natural ☐ Manipulated Stream Quality *: Low

☐ High

☐ Moderate

check one)

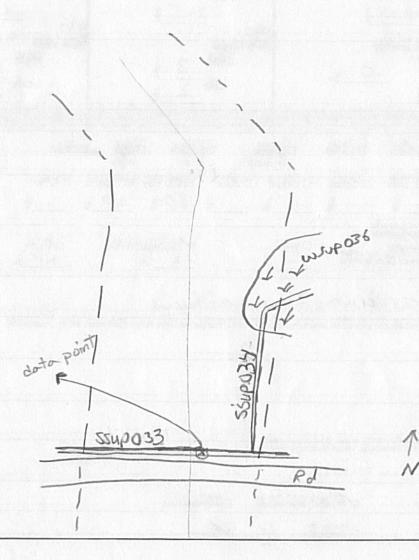
Waterbody ID: SSUP 033

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no baπiers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:





Waterbody ssup033 facing northwest upstream.



Waterbody ssup033 facing southeast downstream.



Waterbody ssup033 facing northeast across bank.

Linear Waterbody Da	ata Sneet				
Survey Description				hi	Date:
Project Name:	Wate	erbody Name:		Waterbody ID:	1/7/1/
ACP		4NT to Ele	N SWAMIN	SSUP 0:	34- 11/1/6
State: Cou	nty/Parish:	Company:	1 000	Crew Member Initial	s: Photos:
VA	5uffolk	ES	I	MKS, NWI	ELECTRONICAL SPRINGS OF PROPERTY OF STREET
Tract Number(s):		Nearest Mi			Vetland ID(s):
26-060-A035	, 26.060.	A036 4	57.1	Wro	16 039
Survey Type: (check one)	□Centerline	☑Re-Route	□Access Road	☐ Other:	
Physical Attributes					
Stream Classification: (check one)	□Ephemeral	Duntermittent	□Perennial		
Waterbody Type: (check one) □Rive	r 🗆 Stream	□ Oitch □ 0	Canal Other		
	HWM Indicator: neck all that apply)	☑ Clear I on bank	ine □Shelvin	g □Wrested vegetation	□Scouring ☑Water staining
Height:/ft.	☐Bent, matter vegetation	i, or missing □Wrack	line □Litter a debris	nd □Abrupt pla community c	
Width of Waterbody - Top of	Width of Wa	terbody - Toe of Slop	Width of Waterb	ody - Water Edge to	Depth of Water:
Bank to Top of Bank:	to Toe of Si	ope:	Water Edge:	,,	
	4	ft.		ft.	ft.
Cinuacita	Water veloc	itre	N/A□ Bank height		Bank slope
Sinuosity: (check one)	(Approx.)	ıty.	Right:		Right: GO
■Straight		O fps			degrees
□Meandering	N/A□		Left:	3 ft.	Left: 90 degrees
		na a diskualdo e sacreta qu			
Qualitative Attributes					
Water Appearance: (check one) □No w	rater □Clear	The second of the second section and the section and the second section and the section and	Administrative of the Control of the	rface □Algal um mats	Wother: Tannic
Substrate: ☐ Bed	rock Boulder	☐ Cobble ☐ Gra	vel 🗆 Sand	Sitt clay P Organ	ic
(check all that apply) % of Substrate:	.%%	%	_%%	85 % 15	%%
Width of Riparian Zone:	Vegetative Lay	ers:			
5 ft.	(check all that apply)	□ Tree	es: I	Saplings/Shrubs:	☐ Herbs
	Avg. DBH of De	ominants: 18	_in.	2_in.	NA in.
	(list):		A COMMINT	EL MESTE SECTION	01
Quercus phe	1105, Smil.				Pinus tarda
Aquatic Habitats (ex: submerg			g banks/roots, leaf pa	cks, large submerged woo	d, riffles, deep pools):
Aquatic Organisms Observe	ed (list):		No.		
None					
T&E Species Observed (list)	:	108	3.84	A Section 1	
Disturbances (ex: livestock ac	cess, manure in water	erbody, waste discharge pi	pes):		
ditch mainte		,			
Tributary is:		-4			
(check one) Stream Quality *:	□ Natural	Artificial, man-	made	oulated	
(check one)	□ High	☐ Moderate	th Low		

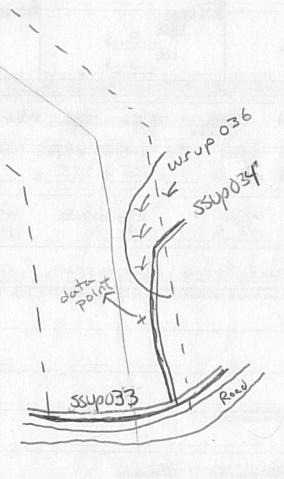
Waterbody ID:

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:







Waterbody ssup034 facing northeast upstream.



Waterbody ssup034 facing southwest downstream.



Waterbody ssup034 facing southeast across bank.

Linear Waterbody Data Sheet			START START START TO START START
Survey Description	UNT to W	estern Branch Waterbody	D: Date:
	Waterbody Name: Reservoir	Suol	
ACP	UNI to Eley Suc	Crew Member In	COLUMN DEPTHENCE OF THE PROPERTY OF THE PROPER
State: County/Parish:	Company:	LR, W	
VA Suffolk	ESI		
Tract Number(s):	Nearest Milepost		ed Wetland ID(s):
26-060-A039	57.9	WS	uo 033
Survey Type: (check one)	□Re-Route □	Access Road □Other:	
Physical Attributes			
Stream Classification: (check one)	I □Intermittent ⊡1	Perennial	
Waterbody Type: check one) □River □ Stro	earn 🗆 Ditch 🗆 Canal	□ Other:	
OHWM Indicat Width: 2 ft.		☐ Shelving ☐ Wrestovegetation	
Height: 0.5 ft. EBent, n	natted, or missing Wrack line n	☑Litter and ☐Abrupi debris commun	ity change
Width of Waterbody - Top of Width of	of Waterbody - Toe of Slope Wid	th of Waterbody - Water Edge	to Depth of Water:
Bank to Top of Bank: to Toe	of Slope: Wate	er Edge:ft.	0,5 ft.
	N/AI	AND THE RESIDENCE AND ADDRESS OF THE PARTY O	N/A□ Bank slope
Sinuosity: Water (Approx.)	relocity: Ban	k height Right:_ /	Right: Go
□Straight	∠ fps	0.5 ft.	degrees
Meandering N/A□		Left:0.5 ft.	Left: 90 degrees
A CHARLES OF THE PROPERTY OF T			AND THE RESERVE OF THE STATE OF
Qualitative Attributes			
Water Appearance: check one)	Clear □Turbid □Sheen on surfa	□Surface □Algal ace scum mats	□Other:
Substrate: ☐ Bedrock ☐ Bo	ulder □ Cobble □ Gravel	Sand ☐ Silt/ clay ☐ Or	ganic 🗆 Other:
(check all that apply) % of Substrate: %%	%%	160 %%	%
Width of Riparian Zone: Vegetative		☑ Saplings/Shrub	s: Herbs
60 ft. Avg. DBH	of Dominants: /Ó in.	in.	<u>νλ</u> in.
N/A (approx.) Dominant Bank Vegetation (list):		e de la companya de La companya de la co	AND
Arundinaria gigantea, Lista Aquatic Habitats (ex submerged or emerge	d aquatic vegetation, overhanging banks	dium distichum droots, leaf packs, large submerged	wood, riffles, deep pools):
leaf packs Aquatic Organisms Observed (list):			
T&E Species Observed (list):			
Disturbances (ex: livestock access, manure	n waterbody, waste discharge pipes):	100	
none observed			
Tributary Is: (check one) Natural	☐ Artificial, man-made	☐ Manipulated	
Stream Quality *: (check one)	□ Moderate	Low	

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

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Notes:

Flows into wetland # WS40033



Waterbody data point ssuo104 facing north upstream.



Waterbody data point ssuo104 facing south downstream.



Waterbody data point ssuo104 facing east across.

Linear Waterbod	y Data Sheet			estro constructor	and the factors of	MAN TO SEE THE SEE SEE		
Survey Descriptio	n				haz	-t-dulp	ln.	ate:
Project Name:		Waterbody Nar				SKO 105		3-10-16
YC/2		4NT to	ELEY ?	- amalu				
State:	County/Parish:		Company:	1	S INTERNATION	ember Initials:		Facing
VA	Suffolk		ESI		LR	, wv	N,S,	W
Tract Number(s):			Nearest Milepo	st:	A	ssociated Wetlar		
26-060-A	39 526-0	60-A040	58.	0		WS400	33	
Survey Type:	□Centerline	□Re-F	Route	□Access Road	d [∃Other:		
Physical Attribute	PART TRANS							
Stream Classification: check one)	□Ephemeral	□Inter	mittent I	Perennial .				
Waterbody Type:	River Stre	am □ Dito	h 🗆 Cana	□ Othe	r.			
OHWM . Width: 5 ft.	OHWM Indicate (check all that apply)	or:	Clear line on bank	□Shelvir		□Wrested vegetation	□Scouring	□Water staining
Height:ft.	⊠Bent, m vegetation		g □Wrack line	回Litter a debris		☐Abrupt plant community change	All COST in a declaration and a fall topic life.	aracteristic change
∛A⊟ Vidth of Waterbody - 1	op of Width o	f Waterbody -	Toe of Slope W	dth of Watert	ody - Wa	ter Edge to Dep	th of Water:	
Bank to Top of Bank:	to Toe o	f Slope:	w	ater Edge:		(Appri	ox.)	1 - 2
		<u>4</u> ft.		_	ft.	N/A!		tft.
			STATE OF STREET STATE OF STREET	A □		AND SHARE TO SEE INCOME.	k slope	
Sinuosity: check one)	Water v (Approx.)	elocity:	Ba	nk height Right:	2		Right:	90
□Straight		< fr	os	_	ft.		Left:	degrees
Meanderi	ng N/A			Left:	2 ft.		Leit.	80 degrees
			THE RESERVE AND SECURE		STATE OF	**************************************	entraction and the	
Qualitative Attribu	tes				West Control	800 836 Bloom Barrior 12		
Vater Appearance: check one)	No water ☐C	lear □Turb	id □Sheei on su	ALEXANDER OF THE RESIDENCE OF THE AMERICAN PROPERTY.	urface cum	□Algal □Ot mats	her:	
Substrate: [Bedrock □ Bou	ılder 🗆 Cobb	le 🗆 Gravel	Sand	回Silt/ cla	y Organic D	Other:	
check all that apply) % of Substrate:	%	%	%%	20 %	80%	% _	%	
of Substrate.								
Width of Riparian Zone	: Vegetative		Trees:		E Sapling	e/Shaibs	Herbs	
50 ft.	(check all that a	of Dominants:	5 in.		\$8~120E000 TO TAX 500 EBS-24	in.	NA in.	
VA D	(approx.)		Control (Space or April 1997)		AND DESCRIPTION		en vetadesnoval) i Paristoria	
Dominant Bank Veget								
Taxodium dist	rlaum Ligisti	am Sin	ense. Cho	smanthie	in la	KIAM		
quatic Habitats (ex: s	ubmerged or emerged	aquatic vegetation	n, overhanging bar	ks/roots, leaf pa	icks, large s	ubmerged wood, riffl	es, deep pools);
1-1-16-	Silana	1 1000	deep puol	5		1		
leaf packs Aquatic Organisms Ol	served (list):	1 1000				Harry Wall of the Party		
Crayfich b	20077		DESCRIPTION OF THE PARTY.					
none of	oserved		- dib					
Disturbances (ex: lives	ock access, manure in	waterbody, wast	e discharge pipes):					
none				44.4				
Tributary is:	Natural		415_1_1		nulated			
	Li Matural	□ Ar	tificial, man-mad	e 🗆 Mani	pulated		AND RESIDENCE AND A SECOND	
(check one) Stream Quality *:	- Ivaturai		magnitude states - Assessment			White the state of		

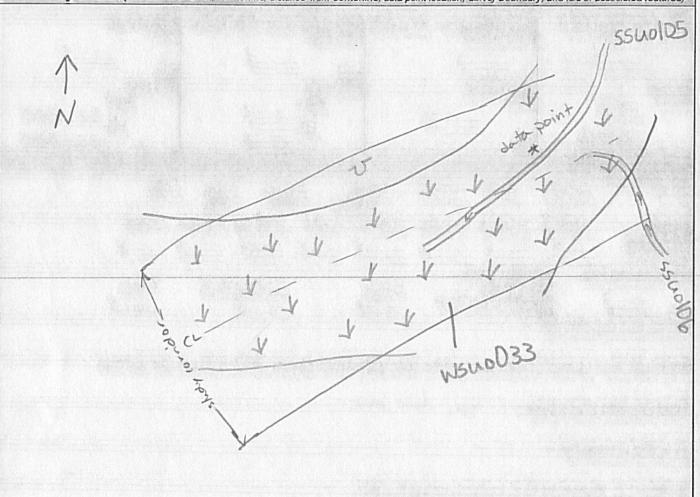
* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:

Flows into wsuo 033





Waterbody data point ssuo105 facing north upstream.



Waterbody data point ssuo105 facing south downstream.



Linear Waterbody Data Si	ieet	000000 CONT. 0000 CONT.	**************************************	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$1000 State (1) 10 10 10 10 10 10 10 10 10 10 10 10 10
Survey Description			(American)	Waterbody ID:	Date:
Project Name:	Waterbody Na	-1		SSUO/OG	3-10-16
ACP	SECRETAL PROPERTY OF SECRETARIA	E/EY SWA	MP	A SECURITION OF THE PARTY OF TH	THE REPORT OF THE PARTY OF THE
State: County/Park		Company:		rew Member Initials:	Photos: Facing
VA Suffe	olk	ESI		LR, WV	
Tract Number(s):		Nearest Milepost:		Associated Wet	
26-060-Anza 526-	060-A040	58.1		Wsuol	033
Survey Type: (check one)	erline □Re-l	Route □A	ccess Road	□Other:	THE PROPERTY OF THE PERSONS
Physical Attributes					
Stream Classification: (check one)	meral □Inte	mittent 🖙	erennial		
Waterbody Type: (check one) □River □	Stream 🗆 Dit	ch 🗆 Canal	☐ Other:		
OHWM OHWM In (check all the		Clear line on bank	□Shelving	□Wrested vegetation	□Scouring □Water staining
Height: Th. DB.	ent, matted, or missir etation		□Litter and debris	community char	
Width of Waterbody - Top of W	idth of Waterbody - Toe of Slope:	Toe of Slope Width Water N/A□	Edge:	5 ft.	epth of Water: pprox.) ft. A
(Apticheck one)	ater velocity: oprox.) < \f	SHIPS STORES AND SECURITIONS OF THE PERSON AND ADDRESS OF THE PERSON AND PERS	height Right	2 ft. 2 ft.	Right: 70 degrees Left: 70 degrees
Qualitative Attributes	18 18 E S 18	07254 2000 4708			
Water Appearance: (check one) □No water	□Clear □Turi	on surface ble ☐ Gravel ☐	Sand	m mats Silt/ clay Organic	Other:
% of Substrate:%	%	_%% _	100 % _	%%	%
1 D (check	tative Layers: all that apply) DBH of Dominants:	□frees: _7_in.	- C	Saplings/Shrubs:	Herbs NA_in.
Dominant Bank Vegetation (list): Ilex opica, Fagus g Aquatic Habitats (ex. submerged of er.	randifolia L	o'austrum on, overhanging banks/r	Sincase oots, leaf pack	s, large submerged wood, r	iffles, deep pools):
					AMP
T&E Species Observed (list):					
Disturbances (ex: livestock access, ma	nure in waterbody, was	te discharge pipes):			
Tributary is:	tural 🗆 A	rtificial, man-made	☐ Manipu	lated	
Stream Quality *: (check one)		loderate	□ Low		

(check one)

Waterbody ID:

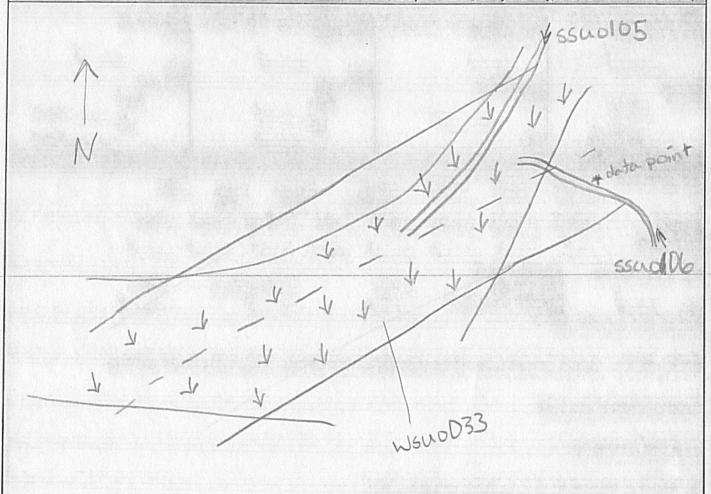
High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:

Flows into wsuo 033





Waterbody data point ssuo106 facing east upstream.



Waterbody data point ssuo106 facing west downstream.



Linear Waterbody	Data Sheet				2010/12/05/05	CHARLEST CONSUM	100000000000000000000000000000000000000	CHAIR PARTY CONTROL
Survey Description					ha/	aterbody ID:		ate:
Project Name:		Waterbody Na			l vv	SSUD DE		3/15/16
ACP		UM To	, Lake Pr	irce	day i			0110110
State:	County/Parish:		Company:		10000001-0400	lember Initials:	Photos:	Facing
VA	Suffol	K	ESI		100,000,000	VW,	WIL	E,NU
Tract Number(s): 26-060-F		6-060-	Nearest Milepo	1.3		Associated Wetlan		
Survey Type: (check one)	Centerline	□Re-F	Route	□Access Road		□Other:		
Physical Attributes								
Stream Classification: (check one)	□Ephemera	I Dinter	mittent	□Perennial				
Waterbody Type: (check one)	River Str	eam 🗆 Dito	ch 🗆 Can	al 🗆 Other				
OHWM	OHWM Indicat (check all that apply		Clear line on bank	□Shelvin	g	□Wrested vegetation	□Scouring	□Water staining
Height: 0.5 ft.	⊠Bent, n vegetatio	natted, or missin	g □Wrack line	□Litter a debris	nd	☐Abrupt plant community change	9	aracteristic change
Width of Waterbody - To Bank to Top of Bank:	p of Width of to Toe	of Waterbody - of Slope:	W	/idth of Waterb /ater Edge: ————————————————————————————————————	ody-W	ater Edge to Dep (Appr	1),5 _n .
Sinuosity: (check one) Straight Meandering	(Арргох.)	velocity:	NOT THE REPORT OF THE PART OF THE PART OF	ank height Right: Left: —	7	Ban t.	k slope Right: Left:	45 degrees
Qualitative Attribut	es							
Water Appearance: (check one)	No water	Clear □Turb		AND PROPERTY OF THE RESIDENCE OF THE RES	rface um	□Algal □Ot mats	her:	
Substrate: (check all that apply) % of Substrate:	Bedrock □ Bo				Silt/ c	.u, o.g	☐ Other: %	
Width of Riparian Zone: 20 ft. N/A□	(check all that Avg. DBH (approx.)		Trees:	항문하기에면 얼마를 보여했다며	40.00	ngs/Shrubs: _in.	M Herbs <u>NA</u> in.	
Dominant Bank Vegetati	siner	ise, L	iquidar	bar :	styr	raciflua		
Aquatic Habitats (ex sub	merged or emerge	aquatic vegetation	n, overhanging ba	nks/roots, leaf pa	cks, large	submerged wood, riffl	es, deep pools	i):
Aquatic Organisms Obs	erved (list): bserve	4						
T&E Species Observed	A THE PARTY OF THE PARTY OF THE PARTY.	<u> </u>						
	bserve	7						
Disturbances (ex: livestor			e discharge pipes	:				
none of	경기에 가게하게 하면 하는 그 저렇게 하게 하는데							
Tributary is: (check one)	Natural		tificial, man-mac	de □ Manip	oulated			
Stream Quality *: (check one)	□ High	b/M	oderate	□ Low			er and a second	

Waterbody ID: SSuo 108

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

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from livestock or man.					
Notes:					
Waterbody Sketch (Include	porth provi gontadiae distance	for a second office of the		110 5	
Waterbody Sketch (Include	norur arrow, certterline, distance	trom centerline, data	point location, survey	boundary, and IDs or as	ssociated reatures)
\wedge					
N					
Supply Supply				Jack Sand	
900 Png	ile-				
Sh.	Week Con Constitution				
	The Contraction of the Contracti				
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(4)		W v	103368086		
4		Y			
		1	1		
		F			



Waterbody data point ssuo108 facing west upstream.



Waterbody data point ssuo108 facing east downstream.



Waterbody data point ssuo108 facing north across.

Linear Waterboo	dy Data Sheet			CONTRACTOR (2017)		550 5 TARS 1 3 SH	Selection (c)
Survey Description	on				Waterbody ID:	ID:	ate:
Project Name:		Waterbody Na			Ssuo 10		
ACP		UNTTO	Lake Princ		TO STATE AND AND STATE OF STAT	/	3-10 10
State:	County/Parish:		Company:		Crew Member Initia	s: Photos:	3-15-16 N Facing
AV	Suffolk		ESI		LR, WU	Chicken or being some and other country in a country of the countr	, ~
ract Number(s):			Nearest Milepos	Ľ		Wetland ID(s):	
26-060-	A047, A04	19	59.3		wsuc	039	
urvey Type: theck one)	Centerline		Route D	Access Road	□Other:	A TOWN WITH BUILDING	
hysical Attribute	2S						or a second control
tream Classification:				Perennial			
theck one)	□Ephemera	I Unite	mittent D	Perenniai			
Vaterbody Type: heck one) [□River □ Str	eam 🗆 Dito	ch 🗆 Canal	☐ Other			
HWM Width: 3 ft.	OHWM Indicat (check all that apply		Clear line on bank	□Shelvin	g	Scouring	□Water staining
Height:ft.	⊠Bent, n vegetatio	natted, or missin	ng □Wrack line	☐Litter ar debris	nd	change	racteristic change
Vidth of Waterbody -	Top of Width o	of Waterbody -	Toe of Slope Wi	th of Waterb	ody - Water Edge to	Depth of Water:	
lank to Top of Bank:		of Slope:	lWa I	ter Edge:	/ /		5 ft.
5_ _{ft.}	_	3_ft.	i	_	<u>7</u> ft.	N/A□	<u></u>
	Water	velocity:	N/A	nk height		Bank slope	
inuosity: heck one)	(Approx.)	relocity.		Right:	0	Right:	45
□Straight		<u> </u>	ps		<u>Z</u> n.	Left:	degrees
Meander	ing N/A			Left:	2 ft.		45 degrees
with the second second second	ENGROPHY OF BUILD STAR OF THE AT	VS-WILLIAM STAND	1072-2017 × 11835/2		CALL TRANSPORT		
Qualitative Attribi	utes						Constitution of the Consti
Vater Appearance: heck one)	□No water III C	Clear □Turb	oid □Sheen on sur			□Other:	
Substrate:	□ Bedrock □ Bo	ulder Cobl	ole Gravel	☑ Sand I	☐ Silt/ clay ☐ Organ	nic Other:	
theck all that apply) of Substrate:	%	%	%%	100 %	%	% %	
o Substrate.						ALTERIOR	
Vidth of Riparian Zon	re: Vegetative		☑ _{Trees:}		3 Saplings/Shrubs:	면 Herbs	
50 ft	CONTROL NO. IN CONTROL TO A STATE OF THE PARTY OF THE PAR	of Dominants:			2 in.	NA in.	
/A□	(approx.)		AND AND ARTHUR PROPERTY OF THE			The second of the second	The state of the s
ominant Bank Veget							
Fagus grand quatic Habitats (ex	Glia Ilex	opaca.	Lightrum	Sinense			
quatic Habitats (ex:	submerged or emerge	d aquatic vegetation	on, dvérhanging ban	ks/roots, leaf pac	ks, large submerged wo	od, riffles, deep pools);
1 1	1-1-	6-					
deep pook quatic Organisms O	bserved (list):	~				*	
Later Stride							
&E Species Observe	ed (list):						
None observe	ed				A STATE OF THE STA		
Disturbances (ex: lives	stock access, manure	in waterbody, was	te discharge pipes):				
None dose							
Tributary is:	one of the control of						
'check one)	□ Natural	□A	rtificial, man-made	e ☐ Manip	oulated		
Stream Quality *:	П.	_/.		DI			
(check one)	□ High	LM M	loderate	☐ Low		THE RESERVE WATER PROPERTY WHEN SHEET	Committee of the Commit

Waterbody	/ ID:	STATES.
CC	-1.	CT

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

es:			
			SECTION FOR THE PARTY OF THE PA
erbody Sketch (Include north arrow, o	enterline, distance from centerline, data p	point location, survey boundary, and IDs of a	ssociated features)
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She she	15.000		
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	- # -		
dato.	/ W V		
dutart point		Wr.	NAME OF STREET
(4)	\X/	husu o OZE	
- 1	A STATE OF THE PARTY OF THE PAR	F	
//		r F	
5540 107			
<540 JUT			
5			



Waterbody data point ssuo107 facing west upstream.



Waterbody data point ssuo107 facing east downstream.



Linear Waterbody	Data Sheet						3505, 37, 35, P (2.3, 2.5) <u>(</u> 2.3)
Survey Description		Aprile Constitution			Waterbody ID:		Date:
Project Name:		Waterbody Nan	ake Prin	10	SSUO	29	3-15-16
State: 10	County/Parish:	Target Steps and Mission and Research Productive Area and Area.	Company:		Crew Member Initial		Facing
			EST		LR, WV	3	N, W
VA Fract Number(s):	Suffolk)	Nearest Milepos		Associated V	Vetland ID(s):	
26-060-A0	50, AO		59.4		Wswo	035, WS	suo 036
Survey Type: check one)	Centerline	□Re-R	oute 🗆	Access Road	□Other:		
Physical Attributes							
Stream Classification: check one)	□Ephemera	ıl □Interr	nittent 🗹	Perennial		l m	
Waterbody Type: check one)	River Str	eam 🗆 Ditcl	n 🗆 Canal	☐ Other:			
DHWM Width:5ft.	OHWM Indicat (check all that apply		Clear line on bank	□Shelving	□Wrested vegetation	⊠Scourin	ig □Water staining
Height:ft.	☑Bent, n vegetatio	natted, or missing n	J □Wrack line	□Litter an debris	d	hange	characteristic change
Width of Waterbody - To Bank to Top of Bank: 7ft.	p of Width of to Toe	of Waterbody - T of Slope: ft.	oe of Slope Wid Wat	er Edge:	ody - Water Edge to	Depth of Wate (Approx.)	er: 3ft.
Sinuosity: check one)	(Арргох.)	velocity:	Ban	k helght Right: Left:	<u>Ll</u> ft. <u>L</u> ft.	Bank slope Righ Lei	
Qualitative Attribut	es						
Nater Appearance:	No water ⊡0	Člear □Turbi	d □Sheen on surf	□Sur		□Other:	
Substrate: check all that apply) of Substrate:	Bedrock 🗆 Bo		e	☑ Sand □	☐ Silt/ clay ☐ Organ	ic Other:	
Width of Riparian Zone: ///////////////////////////////////	(check all that		Trees:	5	Saplings/Shrubs:	Herbs	n.
Dominant Bank Vegetat Light damber St Aquatic Habitats (ex. sub- deep pools or Aquatic Organisms Obs None decree T&E Species Observed	ion (list): - vrac: flua merged or emerged workenserved (list):			2C4 s/roots, leaf pac	ks, large submerged woo	od, riffles, deep poo	ols):
None observed Disturbances (ex. livesto	ck access, manure i		discharge pipes):				
Culvert un Tributary is: (check one)	Natural		ificial, man-made	☐ Manip	ulated		
Stream Quality *:	☐ High	₫ Mo	derate	□ Low			- Artikle stert yekidelesi sipertest

Waterbody ID: SSuo 09

^a High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

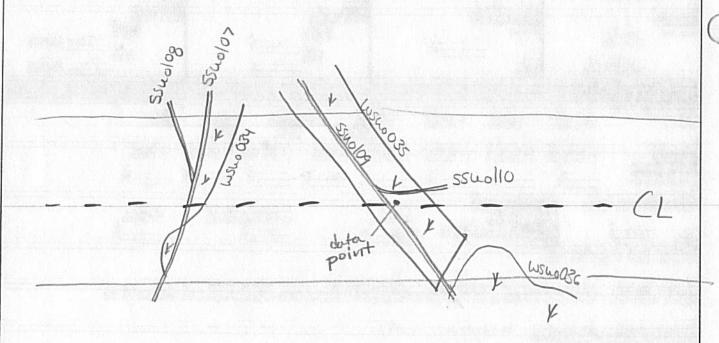
Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:

Waterbody Sketch (Include north arrow, centerline, distance from centerline, data point location, survey boundary, and IDs of associated features)







Waterbody data point ssuo109 facing south upstream.

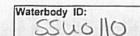


Waterbody data point ssuo109 facing north downstream.



Waterbody data point ssuo109 facing west across.

Linear Waterboo	y Data Sheet			1000 B2		(100 to 100 to 1	
Survey Descriptio	n	ha			Waterbody II		Date:
Project Name:		Waterbody Nam					
ACP		untour	Ke Ka	70=	ssuoll	THE PARTY CHARACT LANDS AND ACCOUNTS OF REAL PROPERTY.	3-15-16
State:	County/Parish:		Company:		Crew Member Init		tos: Facing
VA	Suffolk		ESP		LR, WV		E, N, NE
Tract Number(s):			Nearest Milepo	ost:	CAN TO PARTIE AND THE ACCOUNT OF THE PARTY O	d Wetland ID(s):
26-060-AC	49 A050		59.3		wsu	0035	
Survey Type: (check one)	Centerline	□Re-R	oute	□Access Road	□Other:		
Physical Attribute	us drove concepts a periodical in		Alle la la come de la				
Stream Classification:							
(check one)	□Ephemera	II IIIntern	ittent	□Perennial			
Waterbody Type: (check one)	River Str	eam 🗆 Ditch	□ Can	al Other			
OHWM Width: 2 ft.	OHWM Indicat (check all that apply	tor:	Clear line on bank	□Shelvin	g □Wrested vegetation		ouring
Helght: 0.5 ft.	□Bent, n vegetatio	natted, or missing n	□Wrack line	Litter and debris	nd Abrupt communit	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Soil characteristic change
Width of Waterbody - 1	Top of Width	of Waterbody - T	oe of Slope W	idth of Waterb	ody - Water Edge (Depth of V	Water:
Bank to Top of Bank:	to roe	of Slope:		ater Luge.	1.		0.5 ft.
Zft.	M -	ft.	N	/A□ —	_/ft.	N/A□	
Sinuosity:	Water	velocity:		ank height		Bank slop	oe .
check one)	(Approx.)	11		Right:	7 .	1	Right: 90 degrees
Londight		< \ _fp:	3	Left:	<u>∠</u> ft.		Left: / r)
Meanderi	ing N/A□				<u>2</u> n.		degrees
Qualitative Attribu	ites	\$355 H. S. J. C.					
Water Appearance:		/				Foll	
check one) [□No water □C	člear □Turbio		AND THE RESIDENCE OF THE PARTY	rface □Algal um mats	□Other:	
Substrate:	☐ Bedrock ☐ Bo	ulder Cobbl	e □ Gravel	☐ Sand	☐ Silt/ clay ☐ Org	anic Othe	er:
(check all that apply)			, 0/	4.5	%		9/2
% of Substrate:	%	_%9	070		76	75 Transatt	
Width of Riparian Zon			E16-		76	☐ He	she
30 ft.	(check all that	of Dominants:	Trees:		∃ Saplings/Shrubs: 3 in.		erbs in.
WA 🗆	(approx.)	or Dominiants.	I Branch I I			FIL	2027/00
Dominant Bank Veget	ation (list):						
Lion don't	me stored	Chie. 1.01	strum 5	nense			
Aquatic Habitats (ex: s	submerged or emerged	d aquatic vegetation	, overhanging ba	nks/roots, leaf pag	cks, large submerged v	wood, riffles, dee	p pools):
10-C Pa	cks						
/eaf Pa	bserved (list):					V-10-1	
Water	[1] [1] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2						
T&E Species Observe	d (list):						
none obs	Sauce 0						
Disturbances (ex: lives	tock access, manure i	n waterbody, waste	discharge pipes	:			
None Tributary is:					er de la companya de Transportation de la companya de la		
(check one)	Natural	□ Arti	ficial, man-mad	le 🗆 Manip	oulated		
Stream Quality ::		/					
(check one)	□ High	☐ Mo	derate	□ Low			



* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

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	Aller Sant Waller
erbody Sketch (Include north arrow, centerline, d	distance from centerline, data point location, survey boundary, and IDs of associated fi
	//\
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Waterbody data point ssuo110 facing east upstream.



Waterbody data point ssuo110 facing north downstream.



near Waterbody Data S	heet					
urvey Description	***************************************			hv-4hdID-		Doto
oject Name:	Waterbody Na		111	Waterbody ID:	110	Date:
ACP	47		rie lake	55401		01112116
ounty/Par	folk	EST		ew Member Initials:	Photos:	Facing V, NE, SW
act Number(s):	4057	Nearest Miler	ost:	Associated We		
urvey Type: heck one) ACel	nterline □Re-	Route	□Access Road	□Other:	Thus Coloring	AND A VECTOR OF THE STATE OF TH
hysical Attributes						
tream Classification: heck one) □Ep	hemeral 🗆 Inte	ermittent	Perennial			
Vaterbody Type: heck one) □River	Stream 🗆 Di	tch 🗆 Ca	nal Other:			
	Indicator: that apply)	Clear lin	e Shelving	□Wrested vegetation	□Scouri	ng Water staining
Height: 0.5 _{ft} .	Bent, matted, or miss	ing Wrack lin	ne Litter and debris	□Abrupt plar community cl		characteristic change
Width of Waterbody - Top of	Width of Waterbody to Toe of Slope:	- Toe of Slope	Width of Waterboo Water Edge:	dy - Water Edge to	Depth of Wat	ter:
<u>Ч</u> п.	\ft.		N/A -	ft.	N/A 🗆	D,5 n.
Sinuosity:	Water velocity:		Bank height	3/2	Bank slope	
(check one)	(Approx)		Right:	2.	Rig	ght: 45 degrees
V		_fps	Left:	7 -	L	eft:
Meandering	N/A 🗆		-	<u> </u>		<u>95</u> degrees
Qualitative Attributes						
Water Appearance: (check one) □No water	Clear DT		heen □Sur n surface scu	Constitution of the Consti	□Other:	
Substrate: Bedrock	□ Boulder □ C	obble 🗆 Gra	vel 💆 Sand 🏂	Silt/ clay D Organ	nic Other	
(check all that apply) % of Substrate:%	%	%	% ID %	90 %		%
	egetative Layers:	4		,		P 4
30 ft.	theck all that apply) avg. DBH of Dominar approx.)	its: 9	es: 15 in	Saplings/Shrubs:	N Her	in.
Dominant Bank Vegetation (list	Arundin	aria	gigan	tea		
Aquatic Habitats (ex: submerged	or emerged aquatic vege		-		rood, riffles deep	: pools);
Aquatic Organisms Observed						
none obser	4					
T&E Species Observed (list):	erved				1	
Disturbances (ex: livestock acce	ss manure in waterbody	waste disonarge	pipes):			
Tributary is:	Natural	☐ Artificial, ma	n-made □ Man	ipulated		
Stream Quality 1:	Пинь	Moderate	□ Low			

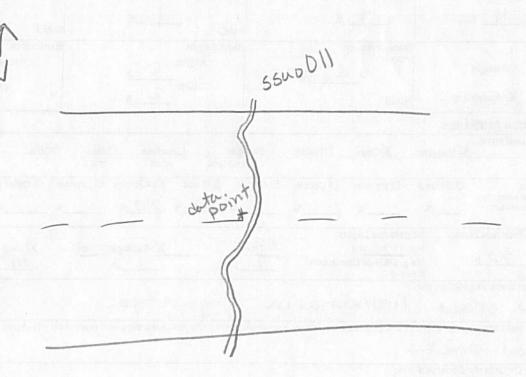
High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film: moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:

Waterbody Sketch (Include north arrow, centerline distance from centerline, data point location, survey boundary, and IDs of associated features)





Waterbody data point ssuo011 facing southwest upstream.



Waterbody data point ssuo011 facing northeast downstream.



Waterbody data point ssuo011 facing northwest across bank.

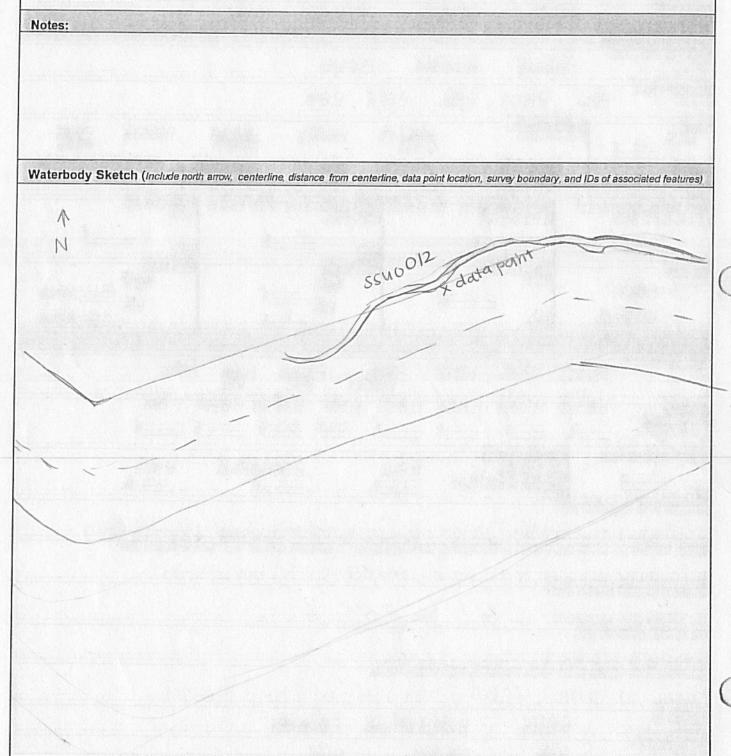
Linear Waterbody Data Sh	eet				
Survey Description		en elete tyriste.	100000000000000000000000000000000000000	hara-hadu ID:	Date:
Project Name:	Waterbody Nan			Waterbody ID:	01/12/10
ACP	421-	to Prince		5540012	Property and the second of the
State: County/Paris		Company:		and other the above the control of t	Photos:
VA CUT	folk	ESI	1	L. P. S.I	N, W,E
Tract Number(s):		Nearest Milepost:		Associated Wetland	ID(s):
26-060-A05	7	60.8		NA	
Survey Type:					
(check one) Cente	erline	oute □Ac	ccess Road	□Other:	COLUMN TOWNS TO SERVE
Physical Attributes Stream Classification:	的一种一种主义的				
(check one)	meral 🛱 Intern	mittent □Pe	erennial		
Waterbody Type:					
(check one) □River □	Stream Ditcl	n □ Canal	☐ Other:		
OHWM OHWM Inc	dicator:	-/			∃Scouring □Water
Width: 4 ft. (check all that	apply)	Clear line on bank	□Shelving	□Wrested [vegetation	□Scouring □Water staining
AND CONTRACTOR OF THE PROPERTY	ent, matted, or missing	Wrack line	□Litter and	□Abrupt plant	☐Soil characteristic change
t_ft. vege	tation	A VIIICK IIIIE	debris	community change	
N/A□ Width of Waterbody - Top of Wie	dth of Waterbody - T	oe of Slope Width	of Waterbody		of Water:
Bank to Top of Bank: to	Toe of Slope:	Water	Edge:	(Approx	,
<u></u>	ft.		5	ft.	_ft.
		N/A□	C-1-LA	N/A Bank	slope
(check one) (Ap)	ater velocity:		height Right: (a		Right:
□Straight	< 2 fp	s	- 0	ft.	degrees
Meandering N/A			Left: 2	ft.	Left: 30 degrees
				2.10.04.20.01.00.00.00.00.00.00.00.00.00.00.00.00	
Qualitative Attributes Water Appearance:					
(check one) No water	Clear Turbi		□Surface	e □Algal □Othe mats	er:
		on surfac		Mary and a series of the state of the series of the	Other
Substrate: Bedrock C Check all that apply)	☐ Boulder ☐ Cobbl				Other:
% of Substrate:% _	%	%% _	70 % 30) %%	%
Width of Riparian Zone: Veget	ative Layers:				
(check a	II that apply)	Trees:	⊠ Sa		Herbs
N/A□ Avg. I	DBH of Dominants:			<u>_in.</u>	N/A_in.
Dominant Bank Vegetation (list):					
Smilax rotundife	dia Ilox	opaca 1	iquido	ambar sty	raciflua.
Aquatic Habitats (ex: submerged or em	erged aquatic vegetation	, overhanging banks/re	oots, leaf packs, le	arge submerged wood, riffles	, deep pools):
Intermittent pools					
Aquatic Organisms Observed (list):	, rear Force		01110)	
none observed					
T&E Species Observed (list):					
none observed	nura in waterbadu wast-	discharge nines):			
Disturbances (ex: livestock access, man			-c-fc	and huck	0
	, restaem	iiui run	-017 (and bricks	2,
Tributary is: (check one)	ural 🗆 🗛	ificial, man-made	☐ Manipulate	ed	
Stream Quality *:	uiai Li Ait	molal, mail-made	_ manipulat		
(check one)	h 🖾 Mo	derate	□ Low		

Waterbody ID: 5540012

High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by
roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no
disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.





Waterbody data point ssuo012 facing west upstream.



Waterbody data point ssuo012 facing east downstream.



Waterbody data point ssuo012 facing north across bank.

Linear Waterbody Data She	et				NAME OF THE OWNER, WHEN THE OW	
Survey Description				Arrest to the latest to the la		Date:
Project Name:	Waterbody Na	선터를 열리면 된 전 경영의 경영의 그 경기를 되었다.		Waterbody ID		
ACP	LINT	to Pa	UNCE LAW	ce SSUO	013	01/12/10
State: County/Parish:		Company:		Crew Member Initia		
VA SUFF	olk	ESI		L.R, S	AND DESCRIPTION OF THE PERSON	,N,E
Tract Number(s):		Nearest Milep		Associated	Wetland ID(s):	
26-060-A05	1	ا ما	0.9		NH	
Survey Type: (check one) Centerli	ine □Re-l	Route	□Access Road	☐ Other:		
Physical Attributes						
Stream Classification: (check one)	eral 🌣 Inte	rmittent	□Perennial			
Waterbody Type: (check one) □River ♀	Stream Dite	ch 🗆 Can	al Other	:		
OHWM Width: 2 ft. OHWM India		Clear line on bank	□Shelvin	g □Wrested vegetation	□Scourin	ng ⊟Water staining
Height:	, matted, or missir tion	ng Wrack line	Litter a	nd □Abrupt p community	change	characteristic change
Width of Waterbody - Top of Widt	h of Waterbody -	Toe of Slope V	Vidth of Waterb	ody - Water Edge to	Depth of Wate	er:
Bank to Top of Bank: to To	pe of Slope:		Vater Edge: — I/A□	2_ft.	N/A□	<u> </u>
(Appro		Charles and a second of the second	Bank height Right: Left:	4 ft.	Bank slope Righ	degrees
Qualitative Attributes Water Appearance:						
(check one) □No water	⊠Clear □Turt		CAP TO THE RESERVE OF THE PROPERTY OF THE PARTY OF THE PA	rface □Algal um mats	□Other:	
(check all that apply)	Boulder Cobb			Silt/ clay Orga	nic Other:	
% of Substrate:%	%		%%	%		
(check all to	ive Layers: hat apply) BH of Dominants:	Trees:	n	Saplings/Shrubs:	Herbs	n.
Dominant Bank Vegetation (list):						
TICK OPCICA, Fago	er aran	difolia	Unkn	own sami	ple	
Aquatic Habitats (ex: submerged or emerged	ged aquatic vegetation	on, overhanging ba	anks/roots, leaf pag	cks, large submerged w	ood, riffles, deep po	ols):
overhanging bank	is and n	11,2to	eaf pa	cks.		
Aquatic Organisms Observed (list):						
T&E Species Observed (list):						
how operved						
Disturbances (ex: livestock access, manus	re in waterbody, wast	te discharge pipes):			
Tributary is:						
(check one) Natur	al 🗆 A	rtificial, man-ma	de 🗆 Manip	oulated		
Stream Quality *:	MM	oderate	□ Low			

Waterbody	ID:	
CCU	001	3

* High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.

Notes:	
Notes:	
Waterbody Sketch (Include north	h arrow, centerline, distance from centerline, data point location, survey boundary, and IDs of associated features
NA	
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	data polint
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2018/00/00/00	



Waterbody data point ssuo013 facing south upstream.



Waterbody data point ssuo013 facing north downstream.



Waterbody data point ssuo013 facing east across bank.

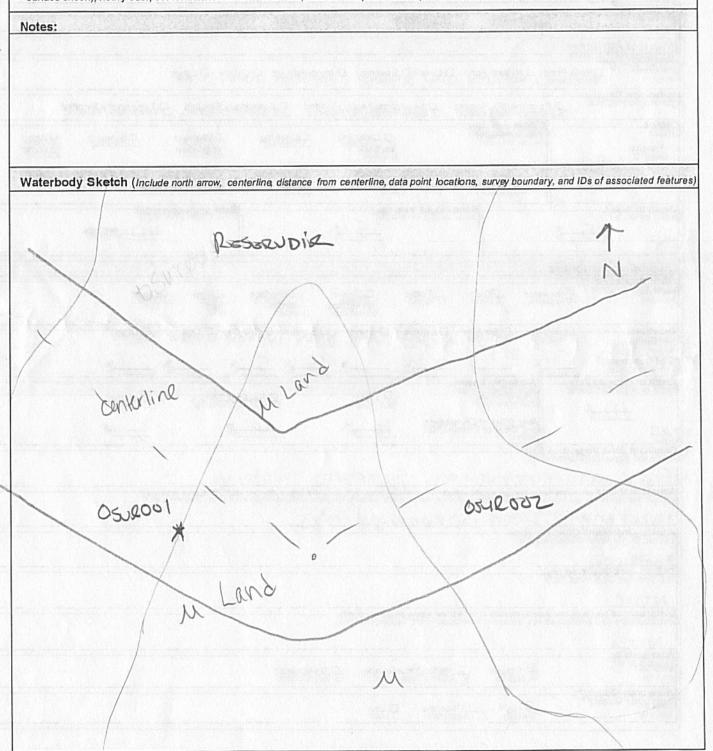
Open Waterbody Data Sheet Survey Description Waterbody ID: Project Name: Waterbody Name: PRINCE 12 Jan 2016 Crew Member Initials: Photos: Company: State: County: CAT, CSM Associated Wetland ID(s): Nearest Milepost: Tract Number(s): 1060-A063 NONE Survey Type: □Other: Centerline □Re-Route ☐Access Road (check one) **Physical Attributes** Waterbody Type: □Stock Pond □ Natural Pond □ Lake □ Reservoir □ Impoundment □ Oxbow □ Other. (check one) Hydrologic Regime: OHWM OHWM Indicator: Water Clear line □Scouring check all that apply) □Shelving □Wrested vegetation staining Height: □Abrupt plant □Soil characteristic change □Bent, matted, or missing □Wrack ☐Litter and vegetation community change Bank slope (average): Bank height (average): Depth of Water: 40 degrees N/A 🗆 Qualitative Attributes Water Appearance: MClear (check one) □No water □Sheen □Surface □Algal □Other: □Turbid on surface scum mats Silt/ clay | Organic Sand Other: Substrate: ☐ Bedrock ☐ Boulder ☐ Cobble ☐ Gravel (check all that apply) % of Substrate: Width of Riparian Zone: Vegetative Layers: Trees: (check all that apply) ☑ Saplings/Shrubs: ☐ Herbs Avg. DBH of Dominants: N/AD Dominant Bank Vegetation (list): Fraxinus Pennsylvanica, Symplocos tinctoria Aquatic Habitats (ex: submerged or emerged aquatic vegetation, overhanging banks/roots, leaf packs, large submerged wood, riffles, deep pools, etc.): Overhanging Roots, Submerged logs Aquatic Organisms Observed (list): Mollusk T&E Species Observed (list): None Disturbances (ex: livestock access, manure in waterbody, waste discharge pipes): None Waterbody is: ☐ Natural (check one) M Artificial, man-made ☐ Manipulated Waterbody Quality *: High (check one) ☐ Moderate □ Low

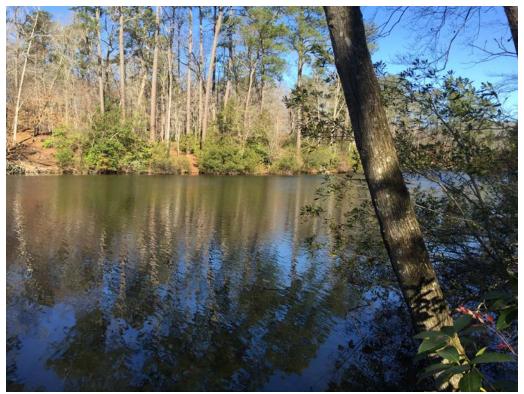
Waterbody	ID:
OSU	r & & 1

High Quality: Natural, natural bank vegetation around entire waterbody; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or bank vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.





Open Waterbody osur001 facing northwest.



Open Waterbody osur001 facing southwest.

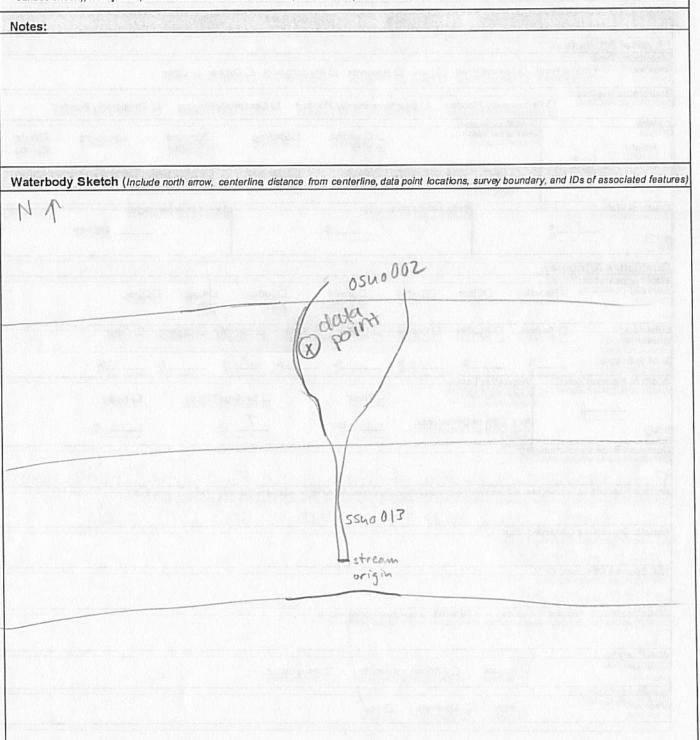
Survey Description							
Project Name:				Waterbody ID: Date:			
ACP	()	RINCE LAKE	CONTRO	OSUR0012 01/12/18			
State: Co	unty:	Company:	Crew Member Initials:	Photos:			
VA	SUFFOIK	ESI	L.R., S.I	E, N			
Tract Number(s):	2	Nearest Milepost:	Associated Wetla	2018-1-1 [1920-1-1.]			
26-060-	H057	60.9	NF	1			
Survey Type: (check one)	Centerline	Re-Route □Acces	Road Dother:				
Physical Attributes							
Waterbody Type:							
(check one) Stock F	ond ☑ Natural Pond ☐ L	ake Reservoir Impou	ndment	T.			
Hydrologic Regime:	Permanently Flooded	☐ Semipermanently Flooded	☐ Seasonally Flooded	☐ Temporarily Flooded			
онwм	OHWM Indicator:						
Height: 6	(check all that apply)	☐ Clear line ☐ Clear line ☐	Shelving DWrested vegetation	□Scouring □Water staining			
Height:ft.	□Bent, matted, or	missing DWrack F	Litter and	lant □Soil characteristic change			
	vegetation		ebris community				
Depth of Water:	Bank hei	ght (average): 3	Bank slope (a	verage):			
1	ft.	ft.		35 degrees			
N/A□							
Substrate:	Bedrock ☐ Boulder ☐	on surface Cobble □ Gravel □ Sa	scum mats	ic Other:			
% of Substrate:	%%	%%		%%			
Width of Riparian Zone:	ne or ex antibility to the programment of the first of the enter-						
20 .	(check all that apply)	Trees:	Saplings/Shrubs:	Herbs			
	Avg. DBH of Dominar	nts: 20 in.	_3_in.	N/A in.			
N/A Daminant Bank Vagatat	(approx.)						
Dominant Bank Vegetat	t they and co	- Fagur av	andifolia nu	indinaria gigarill			
Aquatic Habitats (ex sub	perged or emerged aquatic vegetation	overhanding banks/roots leaf packs	arge submerged wood, riffles, deep po	ols. etc.):			
in af debuic	- Indaka AVOK	nanging bar	oke and root	S pools			
Aquatic Organisms Obs	Ibaari and	rianging bar	1103 00 0	,11013			
NONO OBSE							
T&E Species Observed							
NONE OPEN	\$160 P. C.						
	ck access, manure in waterbody	wasta discharge nines):					
N/A	on access, mandre in waterbody	, waste discharge pipes).					
Waterbody is: (check one)	Natural □ Artif	icial, man-made ☐ Manip	ulated				
	7 Italuiai Li Artii	wall, mainiaue u main					
Waterbody Quality*:			and the contract to the contract of the contra	TO THE REAL PROPERTY OF THE PR			



High Quality: Natural, natural bank vegetation around entire waterbody; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or bank vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.





Open Waterbody osur001 facing east



Open Waterbody osur001 facing north

Open Waterbody Data Sheet Survey Description Waterbody ID: Waterbody Name: Project Name: 19 Jan 2016 ince Lake Photos: Crew Member Initials: County: State: NE, SE CSM Associated Wetland ID(s): Tract Number(s): None Survey Type: Centerline ☐Access Road □Other: (check one) ☐Re-Route Physical Attributes Waterbody Type: □Stock Pond □ Natural Pond □ Lake ☆ Reservoir □ Impoundment □ Oxbow □ Other: (check one) Hydrologic Regime: ☐ Seasonally Flooded ☐ Temporarily Flooded OHWM OHWM Indicator: □Water Clear line □Shelving □Wrested □ Scouring staining vegetation on bank Height: ☐Litter and □Abrupt plant □Soil characteristic change ☐Bent, matted, or missing ☐Wrack community change debris Bank slope (average): Depth of Water: Bank height (average): 40 degrees N/A 🗆 Qualitative Attributes Water Appearance: □No water Clear □Other: □Turbid □Surface □Algal □Sheen on surface Sand Silt clay Organic ☐ Bedrock ☐ Boulder ☐ Cobble ☐ Gravel Substrate: (check all that apply) % of Substrate: Width of Riparian Zone: Vegetative Layers: check all that apply) Saplings/Shrubs: Avg. DBH of Dominants: N/A 🗆 Dominant Bank Vegetation (list): Fraxinus Pennsylvanica, Symplocos tinctoria

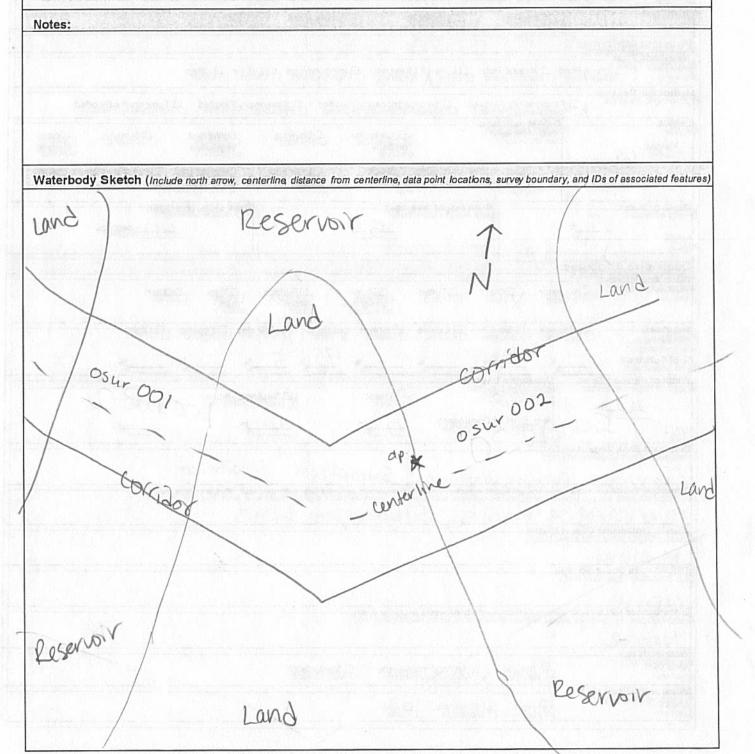
Aquatic Habitats (ex. submerged or emerged aquatic vegetation, overhanging banks/roots, leaf packs, large submerged wood, riffles, deep pools, etc.): Aquatic Organisms Observed (list): Mollusk T&E Species Observed (list): Disturbances (ex: livestock access, manure in waterbody, waste discharge pipes): Nove Waterbody is: ☐ Natural Artificial, man-made ☐ Manipulated Waterbody Quality *: High □ Low (check one) □ Moderate



 High Quality: Natural, natural bank vegetation around entire waterbody; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

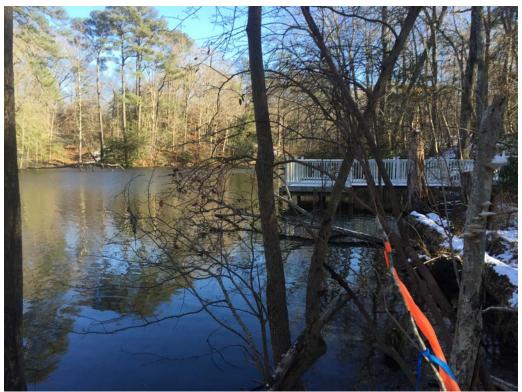
Moderate Quality: Altered by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or bank vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.





Open Waterbody osur001 facing northeast.



Open Waterbody osur001 facing southeast.

Linear Waterbody Dat	a Sheet					Water State of the State of
Survey Description						
Project Name:		ody Name:		Waterbody ID:	CALL DE CONTROL	Date:
ACP	CONTRACTOR STATES		ncelake	ssur	The area on the party of the property	12 Jan 2016
	y/Parish: Uffolk	Company:	SI	CAS (S	M EV	NZ
Tract Number(s): 26-060-A06	,5	Nearest Mile	epost:	Associated W	NORMAN TO TO PASSESSO DE LA TATALESTE PASSE	
Survey Type:		□Re-Route	□Access Road	□Other:		1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Physical Attributes						
Stream Classification:	Ephemeral	□Intermittent	□Perennial			
Waterbody Type: (check one) □River	Stream	□ Ditch □ C	anal Other			
OHWM Width: OHW	VM Indicator: k all that apply)	☐ Clear lii on bank	ne □Shelvin	g □Wrested vegetation	Scouring	g Water staining
Height: 0,2 ft.	□Bent, matted, or vegetation	missing	ine □Litter ar debris	nd	A. A. CONSTRUCTION STATE AND ADDRESS OF A 2015 March	haracteristic change
Width of Waterbody - Top of Bank to Top of Bank:	to Toe of Slope:	oody - Toe of Slope : ft.	Width of Waterbe Water Edge:	ody - Water Edge to	Depth of Water (Approx.)	0.1 _{ft.}
Sinuosity: (check one) Straight Meandering	Water velocity: (Approx.) N/A□), <u>2</u> fps	Bank height Right: Left:	ft. ft.	Bank slope Right Lef	degrees
Qualitative Attributes						
Water Appearance: (check one)	er Clear	And the largest that we will be a few and the	neen □Sun n surface sci	1200	□Other:	
Substrate: □ Bedro (check all that apply) % of Substrate: %		□ Cobble □ Grav	el Sand (ØSilt/ clay □ Organio	c □ Other:	
8 ft.	Vegetative Layers: (check all that apply) Avg. DBH of Domii (approx.)	Tree	s: () _in	Saplings/Shrubs: _in.	☐ Herbs ir	
Dominant Bank Vegetation (list	i): Styraciflu	a, Ligust	rum sine	nse, Ilex	vomito	ria
Aquatic Habitats (ex: submerge	d or emerged aquatic v	egetation, overhanging	banks/roots, leaf pac	ks, large submerged wood	d, riffles, deep poo	ls):
Aquatic Organisms Observed						
T&E Species Observed (list):		76.				
Disturbances (ex: livestock acce	ss, manure in waterboo	dy, waste discharge pip	es):			
Tributary is:	Natural	☐ Artificial, man-n	nade ☐ Manip	ulated		
Stream Quality ::	7 Natural ☐ High	Moderate	□ Low			

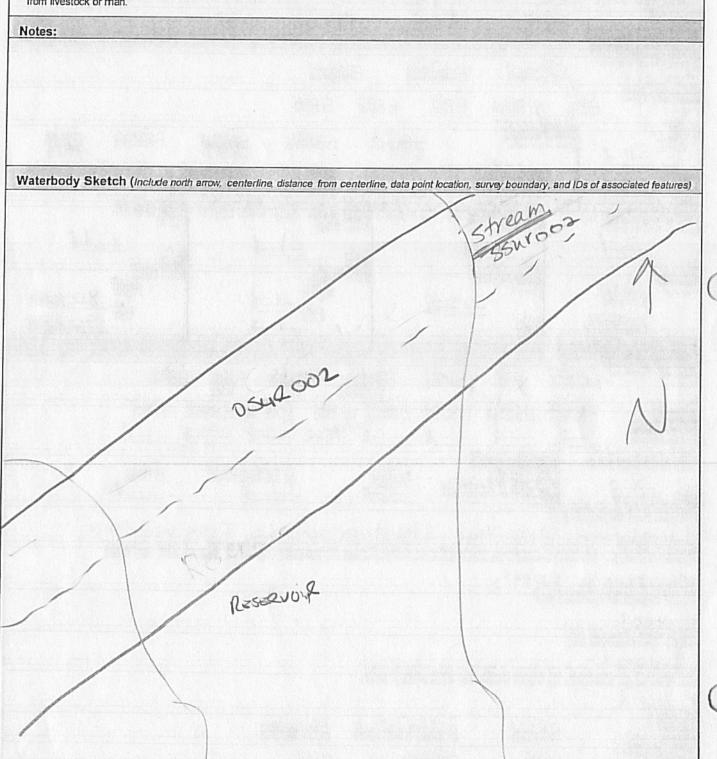
Waterbody ID	:	A STATE
SSUr	Do	2

Form Rev. 05/16/2014

• High Quality: Natural channel, natural vegetation extends at least one or two active channel widths on each side; banks stable and protected by roots; water color is clear to tea-colored; no barriers to fish movement; many fish cover types available; diverse and stable aquatic habitat; no disturbance by livestock or man.

Moderate Quality: Altered channel evidenced by rip-rap; natural vegetation extends 1/3-1/2 of the active channel width on each side; filtering function or riparian vegetation only moderately compromised; banks moderately unstable; water color is cloudy, submerged objects covered with greenish film; moderate odor; minor barriers to fish movement; fair aquatic habitat; minimum disturbance by livestock or man.

Low Quality: Channel is actively down cutting or widening; rip rap and channelization excessive; natural vegetation less than 1/3 of the active channel width on each side; lack of regeneration; filtering function severely compromised; banks unstable (eroding); water color is muddy and turbid; obvious pollutants (algal mats, surface scum, surface sheen); heavy odor; severe barriers to fish movement; little to no aquatic habitat; severe disturbance from livestock or man.





Waterbody ssur002 facing east upstream.



Waterbody ssur002 facing west downstream.



Waterbody ssur002 facing north across bank.

Linear Waterbod	y Data Shee			5023223		ENTERN CH	
Survey Descriptio	n	Waterbody Nar		100000000000000000000000000000000000000	Waterbody ID:		Date:
110,000 1101101							3-8-16
ACP		4NT to Wes	Stoln Branch	Reservo	e Ssu0103	s: Photos:	
State:	County/Parish:		Company:		Crew Member Initial	s: Photos.	Facing E, N
AV	Suffolk		ESI		LR, WV	THE RESERVE OF THE PARTY OF THE	E, /V
Tract Number(s):			Nearest Milepost:			Vetland ID(s):	
26-060-A	067		61.7		None		
Survey Type: (check one)	☑ Centerline	□Re-F	Route \square A	Access Road	□Other:		
Physical Attribute	S						
Stream Classification: (check one)	□Ephemera	al 🗹 Inter	mittent □F	Perennial			
Waterbody Type: check one)	River Str	eam 🗆 Dito	h 🗆 Canal	☐ Other:			
OHWM . Width:ft.	OHWM Indica (check all that apply		Clear line on bank	□Shelving	☐Wrested vegetation	□Scourin	staining
Height: ∠ D • S ft.	vegetatio			□Litter an debris	community of	hange	haracteristic change
Width of Waterbody - 1 Bank to Top of Bank:	op of Width	of Waterbody -	Toe of Slope Widt	h of Waterbo er Edge:	ody - Water Edge to	Depth of Wate (Approx.)	•
ft.	-	2 ft.	N/AC	, <u> </u>	<u> </u> ft.	N/A□	0.5_ft.
Sinuosity: check one)	Water (Approx.)	velocity:	THE RESIDENCE OF THE PARTY OF T	height Right:		Bank slope Righ	" LIK
□Straight		< \ _fr	os		<u>l</u> ft.	Lef	degrees
Meanderi	ng N/A□			Left:	n.		45 degrees
# D5 # 44 F 34 F 37 B 5	Antonio da escola de la companio del companio del companio de la companio del la companio de la companio del la companio de la		1004021011101		ACCOUNT OF STREET		学院 自然 华 特色
Qualitative Attribu	ites						
Water Appearance: (check one)	[□] No water □1	Slear □Turb	oid □Sheen on surfa	ce Scu		□Other:	
Substrate: [Bedrock □ Bo	oulder Cobb	ole 🗆 Gravel [Sand [☐ Silt/ clay ☐ Organ	ic Other:	
(check all that apply) % of Substrate:	%	%	%%	100 %	%	%%	
Width of Riparian Zon							
20 ft.	(check all that Avg. DBH (approx.)	of Dominants:	Trees:	-	Saplings/Shrubs: 2in.	☐ Herbs ir	.
Dominant Bank Veget			THE WAR SHOWN			Mark Control of the Control	
Ilex opaca Aquatic Habitats (ex: s	Liquistrus	d aquatic vegetation	n, overhanging banks.	roots, leaf pac	ks, large submerged wo	od, riffles, deep poo	ls):
leaf Dack Aquatic Organisms O	S						
Aquatic Organisms Of	oserved (list):						
None observe	red						
Disturbances (ex: lives	ock access, manure	in waterbody, wast	e discharge pipes):				ACTUAL CONTRACTOR CONTRACTOR
None abserv			- 4				
(check one)	Natural	□ Aı	tificial, man-made	☐ Manip	ulated		
Stream Quality *:	□ High	⊌ M	oderate	□ Low			erigin vinera erioria

Waterbody	ID:
SSUA	02

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tes:		
erbody Sketch (In	clude north arrow, centerline, distance from centerline, data point location, surv	var houndary, and I/Os of associated for
	order north arow, contenting distance from centerine, data point location, surv	rey boundary, and ibs of associated lea
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	origin	6
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		Washington and the second seco
	'	







Waterbody data point ssuo103 facing north across.

Linear Waterbod	y Data Sheet			A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1		*************	decide societies	area leady and the real of
Survey Description	1		Service of		Water	rbody ID:	ID.	ate:
Project Name:		Waterbody Na	me: NOSTE	en Bennet Reservoi	- CC			3-8-16
ACP		UNI	TO	RESENDI	R 350	AO IO 2 ber Initials:	Photos:	
	County/Parish:		Company:				5,1	Facing
NC	Suffolk		ESI		LR, L		M. CHARLESTON CO.	11
Tract Number(s):			Nearest Mile			sociated Wetlan	ום וט(ג):	
26-060-AC	767		61.7			None		
Survey Type: (check one)	Centerline	□Re-l	Route	□Access Road		Other:	MACE PROPERTY.	
Physical Attributes	51						RESALIE	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Stream Classification: (check one)	□Ephemera	I □Inte	mittent	Perennial				
Waterbody Type: (check one)	River Str	eam 🗆 Dite	ch □ Ca	inal Other				
OHWM . Width: 3 ft.	OHWM Indicat (check all that apply		Clear lin on bank	e		Wrested egetation	□Scouring	□Water staining
Height: 0,5 ft.	☐Bent, n vegetatio	natted, or missin	ng □Wrack lin	ne □Litter ar debris		Abrupt plant ommunity change		aracteristic change
N/A□ Width of Waterbody - T	op of Width	of Waterbody -	Toe of Slope	Width of Waterb	ody - Wate	r Edge to Dept	th of Water:	
Bank to Top of Bank:	to Toe	of Slope:			2 .			.5 ft.
<u>4</u> ft.	-	∠_ft.		N/A□	<u>ft.</u>	N/A		
Sinuosity:	Water	relocity:		Bank height		Ban	k slope	
(check one)	(Approx.)	-1		Right:	2_ft.		Right:	75 degrees
		< 1_1	ps	Left:	n.		Left:	
Meanderin	ng N/A□			<u> </u>	<u>Z_ft.</u>			/5 degrees
Qualitative Attribu	tes							
Water Appearance:		lear □Turl	oid □Sh	een □Su	dace [JAlgal □Ot	her:	
(check one)	No water ☑	Clear □Turl	A STATE OF STREET STREET, STRE	dependent of the second second second second	um	mats		
Substrate:	Bedrock □ Bo	ulder 🗆 Cob	ble □ Grave	el 🗹 Sand I	☐ Silt/ clay	☐ Organic □	Other:	
(check all that apply)			%	% 100 %	%	% _	%	
% of Substrate:	%	_%	_76	78 755 78	70		r victoria.	
Width of Riparian Zone			☑ Trees		∃ Saplings	Charle:	☐ Herbs	
30 ft	(check all that	of Dominants:			sapings/ / in.		WA_in.	
NA□	(approx.)		maril renestant		ndebeloreko ezablik Azertak lekolarak		ne versa eraeval a Porta e stato	
Dominant Bank Vegeta								
Frazinus pennsylv Aquatic Habitats (ex. si	nora Ilex o	paca, Lian	strum 5	nense			1	
Aquatic Habitats (ex. s	ubmerged or emerge	d aquatic vegetati	on, overhanging	banks/roots, leaf pag	cks, large sut	merged wood, rim	es, deep poor	1)•
10.00 make	4 n-h : -	mate						
Par Packs Aquatic Organisms Of	served (list):	10013						
None Observed	d (list):							
None Observi	tock access, manure	in waterbody, was	te discharge pipe	es):				
Non Observe	d							
Tributary Is: (check ane)	☐ Natural		rtificial, man-m	nade 🗆 Manip	oulated			
Stream Quality *:	- Natural							
(check one)	☐ High	EN	loderate	□ Low				

Waterbody II);
Ssuo	102

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Notes: Waterbody Sketch (Include north arrow, centerline, distance from centerline, data point location, survey boundary, and IDs of associated features) 554D102 P540001 =





Waterbody data point ssuo102 facing north downstream.



Linear Waterbody	y Data Office	March Automobile States		STATE OF STREET	THE REPORT OF THE PARTY	THE RESERVE THE		
Survey Description	1	har a second		44.64	Waterbody ID:		Date:	
Project Name:		Waterbody Na		1			3-8-16	
ACP		4NITO WES	TERN Browell 12	ESTEVOIR	Crew Member Initial	s Photos	Facing	
	County/Parish:		Company:					
AV					LR, WV 5, N, W 5			
Tract Number(s):			Nearest Milepost		Associated V	031, wsu	0030	
26-060-A068	126-066	-A067	61.7		Wille			
Survey Type: (check one)	Centerline	□Re-l	Route 🗆	Access Road	□Other:			
Physical Attributes								
Stream Classification: (check one)	□Ephemera	ıl □Inte	mittent 🗹	Perennial				
Waterbody Type: (check one)	River Str	eam 🗆 Dit	ch 🗆 Canal	☐ Other.				
OHWM Width: 3 ft.	OHWM Indica (check all that appl)		Clear line on bank	□Shelving	□Wrested vegetation	□Scourie	staining	
Height: 0.5 ft.	vegetatio			□Litter an debris	community o	hange	characteristic change	
Width of Waterbody - T Bank to Top of Bank: ム	op of Width to Toe	of Slope:	Toe of Slope Wide Water	th of Waterbo er Edge:	ody - Water Edge to	Depth of Wat (Approx.)	or: 0.5 _{ft.}	
ft.	-	<u> </u>	N/AI	The state of some and some		N/A□		
Sinuosity: (check one)	Water (Approx.)	velocity:	Ban	k height Right:	2 ft.	Bank slope Rigi	nt: 70 degrees	
⊠Meanderin	DA\N en	<u> </u>	fps	Left:	2_ft.	Le	PHONE TO A STREET THE PARTY OF	
Qualitative Attribu	tos					THE STATE		
Water Appearance:		/				□Other:	Action and the second	
(check one)	No water 🖽	Slear □Turi	bid □Sheen on surfa	□Sur ace scu	THE PARTY OF THE P	Hother.		
Substrate: (check all that apply) % of Substrate:	Bedrock □ Bo	oulder 🗆 Cob %	ble 🗆 Gravel	☑ Sand □	□ Silt/ clay □ Organ %	ic		
Width of Riparlan Zone	: Vegetativ	e Layers:						
<u>40 ft</u> . N/A□	(check all that		Trees:	-	Saplings/Shrubs: 2in.	☐ Herbs	in.	
Dominant Bank Vegeta	The state of the s							
1 invetor o	vilir otrali	Gia Ilex	Oonce		January St., gode			
Ligustrum sinence, Aquatic Habitats (ex: su	ibmerged or emerge	d aquatic vegetati	on, overhanging banks	s/roots, leaf pac	ks, large submerged woo	od, riffles, deep po	ools):	
Aquatic Organisms Ob	served (list):							
None Obser	(list):	To Republicate Attach						
T&E Species Observed								
T&E Species Observed								
None docerned		in waterbody, was	te discharge pipes):					
None Closerves Disturbances (ex: lives)	ock access, manure	in waterbody, was	ite discharge pipes):					
None doscrued Disturbances (ex. livest	ock access, manure	in waterbody, was	te discharge pipes):	1 100 100 100				
None Closerved Disturbances (ex: livest	ock access, manure		te discharge pipes): urtificial, man-made	□ Manip	ulated			

Waterbody
551.6

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from livestock or man.	Control of	
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aterbody Sketch (Include north arrow	centerline, distance from centerline, data point location, survey bound	ndary, and IDs of associated feature
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N		
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	Walles	
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	W540030/4/	
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Waterbody data point ssuo101 facing north downstream.

