

Appendix D-5
Waterbody Data Forms –Bucks County



STREAM DATA SHORT FORM

DATE

5/15/2015

CLIENT	PennEast Pipeline Company	SAMPLING POINT	051515_JC_1004_E_MI
PROJECT/SITE	PennEast Pipeline Project	INVESTIGATORS	J. Combs, K. Arndt
COUNTY/STATE	Bucks/PA	STREAM CLASS	Ephemeral

CHARACTERISTICS

BANK WIDTH	6	FT.	WATER DEPTH	0	FT.
BANK HEIGHT	1.5	FT.	BANK SLOPE	L 40 % 40	%
BANK CONDITION	some erpsion		FLOW DIRECTION	northwest to southeast	
SUBSTRATE COMPOSITION	BEDROCK - % BOULDER - % COBBLE -30% GRAVEL - 40% SAND - 10% SILT - 20% CLAY - %				
WILDLIFE OBSERVED	none				

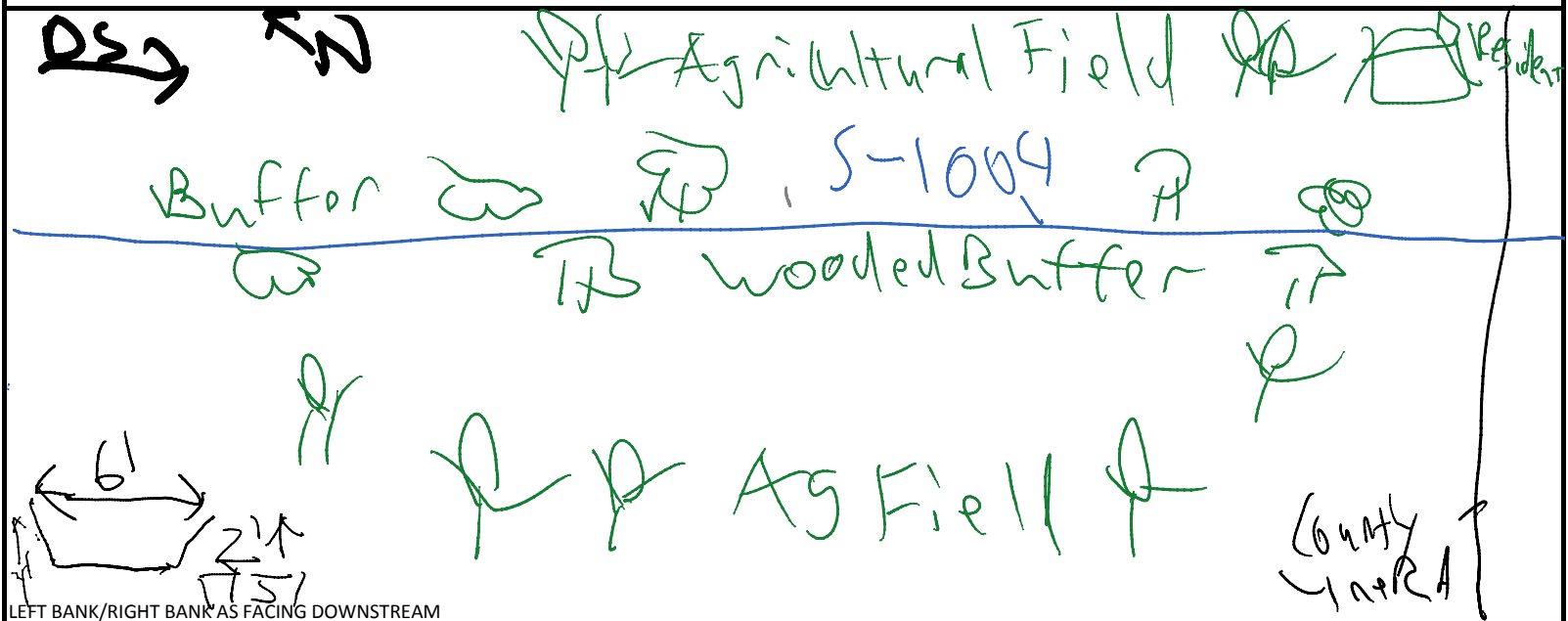
RIPARIAN ZONE

LEFT CONDITION	RESIDENTIAL - %	AGRICULTURAL - 95 %	DEVELOPED - %	UNDEVELOPED -5%	
RIGHT CONDITION	RESIDENTIAL - 5%	AGRICULTURAL - 90%	DEVELOPED - %	UNDEVELOPED - 5%	
LEFT DOMINANT VEGETATION	walnut, hickory, multiflora rose		RIGHT DOMINANT VEGETATION	walnut, hickory, multiflora rose	

PHOTOGRAPHS

UPSTREAM	5/15/2015	DOWNSTREAM	5/15/2015
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COMMENTS/SKETCH dry streambed flows down slope between ag fields, residential area. Wooded buffer



LEFT BANK/RIGHT BANK AS FACING DOWNSTREAM



STREAM DATA SHORT FORM

DATE

5/29/2015

CLIENT	UGI	SAMPLING POINT	052915_JC_1002_C_IN
PROJECT/SITE	UGI PennEast	INVESTIGATORS	J. Combs. C. Steinberg
COUNTY/STATE	Bucks/PA	STREAM CLASS	Canal

CHARACTERISTICS

BANK WIDTH	57	FT.	WATER DEPTH	>2	FT.
BANK HEIGHT	5	FT.	BANK SLOPE	L 140	% 160
BANK CONDITION	vegetated banks		FLOW DIRECTION	Northeast to southwest	
SUBSTRATE COMPOSITION	BEDROCK - % BOULDER - % COBBLE - % GRAVEL - % SAND - % SILT - % CLAY - %				
WILDLIFE OBSERVED	geese, songbirds, water striders, whirligig beetles				

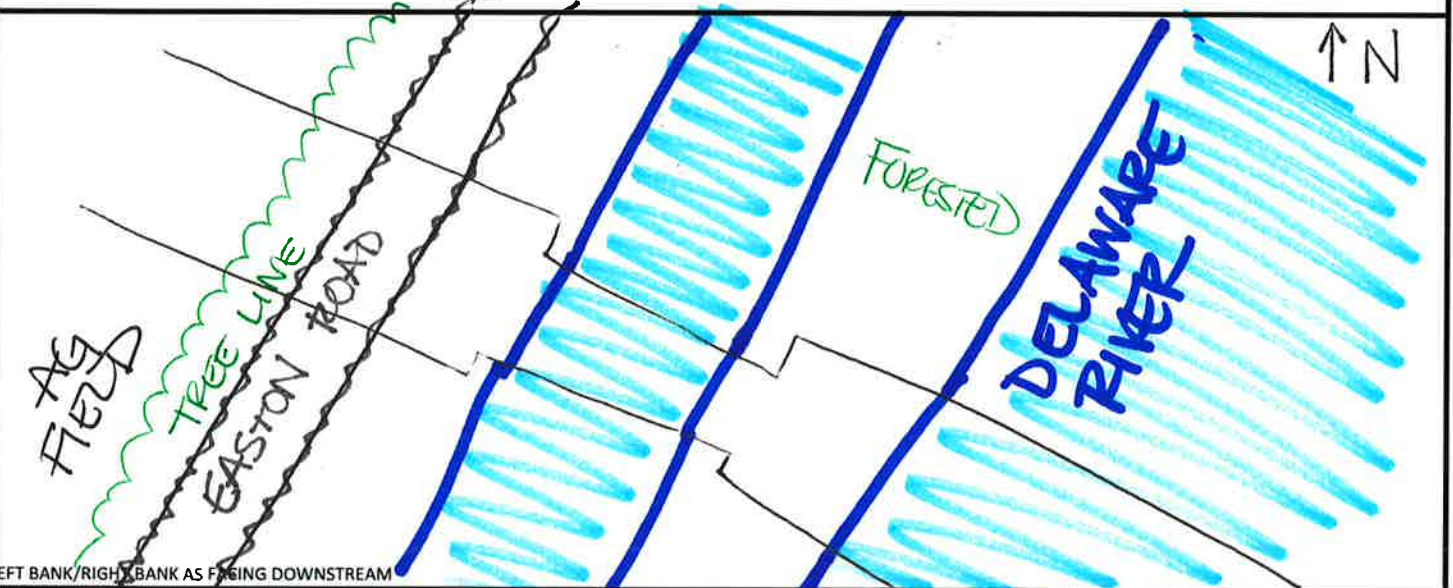
RIPARIAN ZONE

LEFT CONDITION	RESIDENTIAL - %	AGRICULTURAL - %	DEVELOPED - %	UNDEVELOPED - 85%
RIGHT CONDITION	RESIDENTIAL - %	AGRICULTURAL - %	DEVELOPED - %	UNDEVELOPED - 85%
LEFT DOMINANT VEGETATION	boxelder, sugar maple, poison ivy, mowed grass area		RIGHT DOMINANT VEGETATION	Willow sp., hickory sp, boxelder

PHOTOGRAPHS

UPSTREAM	5/29/2015	DOWNSTREAM	5/29/2015
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COMMENTS/SKETCH Delaware canal along bike path; deep, full of vegetation, unable to observe substrate





STREAM DATA SHORT FORM

DATE 4/21/2017

CLIENT	PennEast	SAMPLING POINT	122315_DB_1001_P_MA
PROJECT/SITE	PennEast Pipeline	INVESTIGATORS	E. Genuardi, G. McBrien
COUNTY/STATE	Bucks / PA	STREAM CLASS	PERENNIAL

CHARACTERISTICS

BANK WIDTH	420	FT.	WATER DEPTH	15	FT.
BANK HEIGHT	10	FT.	BANK SLOPE	L 30 % R 10 %	
BANK CONDITION	STABLE		FLOW DIRECTION	SOUTH	
SUBSTRATE COMPOSITION	BEDROCK - % BOULDER - % COBBLE - 60% GRAVEL - 10% SAND - 10% SILT - 10% CLAY - 10%				
WILDLIFE OBSERVED					

RIPARIAN ZONE

LEFT CONDITION	RESIDENTIAL - 100%	AGRICULTURAL - %	DEVELOPED - %	UNDEVELOPED - %
RIGHT CONDITION	RESIDENTIAL - %	AGRICULTURAL - %	DEVELOPED - 50%	UNDEVELOPED 50%
LEFT DOMINANT VEGETATION	<i>Platanus occidentalis, Acer rubrum, Acer negundo</i>		RIGHT DOMINANT VEGETATION	<i>Platanus occidentalis, Acer rubrum</i>

PHOTOGRAPHS

UPSTREAM	Yes	DOWNSTREAM	Yes
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COMMENTS/SKETCH

