WATERBODY DATA FORM

M Contorling	Re-Route	Access Road		Other:
			Ancillary Facility	

Feature ID #: S7AME005

Stream/Waterbody Name (if known): WEST BRANCH NORCELLE CREEK

	Associated Wetland ID #:								
Date: 7/3/08	Project Name	• & No.: Keys	stone XL-1	0623-007-803 <i>A</i>	4	Milepost	: 419.9		
0			unty: SD/ MEADE			Quad Name: HOWES			
LINEBERGER Logbook No.: 1	Logbook Page	No.: 151	Tract No	o.: ML-SD-ME-	-01160.000	Picture No	o.: S7AME00	5_W	
PHYSICAL ATTR	IBUTES								
Waterbody Sketo									
Please include:	Directional & North	Arrow, Cent	erline, Ler	ngth of feature	e, Distances	from Cente	rline, Photo L	ocations	
and Survey corr	ridor	/	\sim			11	1		
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Angle of Cros	sing at Centerline:	1							
Waterbody Type	Lake Pond	Borrow Pit	River	Stream	Ag. Ditch	Other:			
Stream Flow			Flow	Perennial (Flo	ows year round)		Direction of Flo		
	Fast Moderate	Slow	type	Seasonal (Con	ntinuous flow ≥ 3		it crosses CL: E, SE, S, SW,		
	Very Slow	□ None		Ephemeral (FI			L, OL, O, O,,	VV, 140 <i>V</i> /	
Subsurface Flow?	Yes No	🛛 Unknown	1	rainfall)					
OHWM Width (ft.):	4'		Sinuosity	Straigh	nt	🛛 Mea	ndering		
Stream Width (ft.)	Top of Bank (at crossing	location):	,	-	(at crossing locat		Ū.		
Stream Depth (in.)	0-3 🛛 3-6	6-12	12-1	18 🗌 18-24	24-36	36-48	48-60	60+	
OHWM Indicator	Clear natural line on I	bank	Wrack line	e	□ Shelving		Scour		
	Abrupt plant community change		Bent, matted or missing		U Wrested veg	Wrested vegetation		UWater staining	
	Soil character change		vegetation Sediment deposition Leaf litter disturbed		Sediment sorting				
	Litter and debris				☐ Other:				
Bank Height (ft.)	Left:)-2 [2-4	4-6		6-8	8+		
(looking downstream)									
	Right:)-2 🖄	₫ 2-4	□ 4-6		6-8	8+		
Bank Slope (looking downstream)	Left:	i:1 [3:1	2:1		□ 1:1	🛛 Vertica	ıl	
,	Right:	4:1 C	3:1	2:1		1:1	⊠ Vertica	ıl	



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Feature ID #: S7AME005

Date: 7/3/08	Project Nam	ne & No.: Keystone X	XL-10623-007-803A			Milepost: 419.9		
QUALITATIVE ATTRIBUTES								
Water Appearance (check all that apply)	Clear ⊠ Slightly Turbid □	Turbid 🗌 Very Turbid 🔲			Floating alga Obvious surf		Vater Color: CLEAR	
	Other:							
Stream Substrate %	Silts	Cobbles	Be	drock	Sands	Gravel		
	Concrete	Muck X	Ve	getation:				
	Other:	Explain:						
Aquatic Habitats	Sand Bar	Gravel Riffles			emergent plants:			
(check all that apply)	Gravel Bar 🗌 Mud Bar 🗍	Deep Pools			submerged plant	ts: 🛄		
	Undercut Banks	Bank root system Overhanging tree		Fringing v	Vetlands: 🗌			
Aquatic Organisms	Waterfowl	Fish (adult)	Turtles	3 🗌	Other:			
Observed (check all	Snakes 🗌	Fish (juvenile)] Frogs					
that apply)	Invertebrates:							
	NONE							
Riparian Zone		egetation zone from ede	-		o flood plain (FT)	: 500		
	Circle vegetative	, <u> </u>	rubs 🗌 herb	—		. .		
- 11 / 1	U	e areas within riparian zo				buffered concentrate	d flows	
Tributary is	Artificial (Man-Made) Manipulated IMPOUNDMENT UPSTREAM							
Channel Condition:	Channelization	Unnatural straighteni			s/Berms 🗌	Excessive bank	Other	
	or Braiding 🖂			5		erosion 🗌		
			2050		· · ·			
Disturbances	Livestock access to riparian zone I HORSES Manure in stream or on banks I Waste discharge pipes present I Other:							
	waste discharge	pipes present		Other:				
Describe Habitat Char	acteristics Aquat	ic & Terrestrial Divers	sitv:		Habitat ID) No.:		
Describe Habitat Characteristics, Aquatic & Terrestrial Diversity: Habitat ID No.: SMOOTH BROME ALONG STREAM (BANK SLOPES) ; WESTERN WHEATGRASS IN FLOOD PLAIN SOME GREEN							OME GREEN	
ASH IN FLOOD PLAIN								

Comments (e.g. pipeline crossing angle, construction constraints, erosion potential, existing disturbances, and meanders) STREAM CROSSES ENTIRE WIDTH OF CORRIDOR

STREAM QUALITY	High	Moderate	Low	\boxtimes	