

## Transcontinental Gas Pipe Line Company, LLC

Section 2-7 Standard E&S Plan Technical Review Checklist

**Regional Energy Access Expansion Project** 

**April 2021** 

(Revised July 2021) (Revised March 2022) Regional Energy Access Expansion Project ESCP Permit Application Transcontinental Gas Pipe Line Company, LLC Section 2-7 Standard E&S Plan Technical Review Checklist

#### **TABLE OF CONTENTS**

### Section 2-7

- 2.7.1 Regional Energy Lateral
- 2.7.2 Effort Loop
- 2.7.3 Compressor Station 200
- 2.7.4 Compressor Station 515
- 2.7.5 Delaware River Regulator
- 2.7.6 Mainline A Regulator

# ATTACHMENT 2.7.1 REGIONAL ENERGY LATERAL

#### STANDARD E&S CONTROL PLAN TECHNICAL REVIEW CHECKLIST **Regional Energy Lateral**

Project: Region	onal Energy Access Expansion Project	
Project Name	: Regional Energy Access Expansion Project - Regional Energy Lateral	
Date: <u>03/04/2</u>	2022	
Item Location:	D = E&S Drawings, N = E&S Narrative, D&N = Drawings and Narrative	
Check that the	e following items are completed in the E&S Plan. If an item is not applicable write N/A.	
	an shall be prepared by a person trained and experienced in E&S control methods a the size and scope of the project being designed"	nd techniques
Name <u>Patrick</u> Telephone No	Wozinski Address <u>366 Walker Drive, Suite 300, State College, PA-16801</u> o. (814)-238-2060	 D&N
"The existing	topographic features of the project site and the immediate surrounding area"	
D	Legible mapping	D
D	Existing contours	D
D	Type of cover	D
D	Existing improvements, i.e. roads, buildings, utilities, etc.	D
D	Sufficient surrounding area	D
D	Complete mapping symbols legend and north arrow	D
D&N	Location map, i.e. USGS	D or
"The types, d	depth, slope, locations and limitations of the soils"	
D&N	Types, slopes, and locations of soil types	D
D&N	Soil type use limitations and resolutions	N
D&N	Hydric soils	N
	eristics of the earth disturbance activity, including the past, present, and proposed all alteration to the project site"	land uses and
D	Proposed boundary and limits of construction	D
D	Proposed contours/grades	D
<u>D</u>	Proposed waterways and stormwater management facilities	D
D	Proposed improvements, i.e., roads, buildings, utilities, etc.	D
N	Past, present and proposed land uses	N
"The volume	and rate of runoff from the project area and its upstream watershed area"	
D	Maximum during construction drainage areas	D
D&N D&N	Offsite drainage area(s) on USGS quadrangle map Discharge analysis provided for non-surface water discharges	N N
	on of all surface waters of this Commonwealth which may receive runoff within or froir classification under Chapter 93"	om the project
D	Existing streams, wetlands, floodway, etc.	D
D&N D&N	Receiving watercourses Chapter 93 classification of streams or other water bodies	D N
שמו	Onapter 30 diagonication of official solution water bodies	1.4

"A narrative de the earth distur	scription of the location bance activity"	and type	of perimeter a	ınd onsite Bl	/IPs used before, duri	ng and after
N	Description provided in t	he narrative	e			N
	BMP installation and rer fter earth disturbance a					ivities, prior
	Complete and site speci	•		allation		D
	Activities planned to limi	•	reas			D
<u>D</u>	Removal of temporary B	MPs				D
"Supporting ca	culations and measuren	nents" and	"Plan Drawir	ngs"		
Stabilized Consti	uction Entrance					
<u>D</u>	Locations D	Com	plete Details			D
Silt Fencing	Locations _	Slone	a Lenath		Complete Details	D
	Locations	Olope	Lengur		Complete Details	Б
Channels						
	Locations N Drainage A					D
<u>D</u>	Contours and Grades	D Coi	•			D
	Peak flow calculations		apacity and fre	eboard calcul	ations	N
N	Protective lining calculat	ions				N
Sediment Basins	<b>;</b>					
	Locations	Conto	ours	_ Drainage Ar	eas	D
	Complete berm & outlet	details	CI	eanout inform	ation	D&N
	Discharge to surface was					D
	Structurally sound					D&N
	Capacity calculations		Discharge o	alculations		N
	Dewatering calculations					N
Sediment Traps						
	Locations	Co	ontours		_ Drainage Areas	D
- <u> </u>	Complete berm & outlet				out information	D&N
	Discharge to surface was					D
	Capacity information		Discharge	calculations		N
Outlet Protection						
<u>D</u>	Locations <u>D</u> Complete D	etails				D
N	Design Calculations					N
Inlet Protection						
	Locations	Cor	mplete Details			D
Other DMD- (	- ::	0	4 F:l4 Ol	4		
	ecify) Clean Water Crossin		t Filter Socks,	trench plugs,	water pars	- n
D N	Locations <u>D</u> Complete D Design Calculations	cialis				D N
	2 soigh Calculations					14
Temporary Stab						
Seed		rtilizer	Mulch	Others		_
Types D	<u>D</u> D		<u>D</u>			D
Rates D	<u>D</u>		<u>D</u>			D

Perma	nent Stab	ilization					
D		Topsoil replacemen	t				D
	Seed	Lime	Fertilizer	Mulch	Others		
Types	D	D	D	D	Gallord		D
Rates	D	D	D	D			D
BMPs ensure	on a wee	ekly basis and afte	r each stormwa eration. The p	ter event, ind rogram must	cluding the repa t provide for co	f BMPs and the inspe ir or replacement of E impletion of a writter ace activities"	BMPs to
D		Inspection schedule	)				D
D&N		Maximum sediment					D
D		Time frames for cor	npleting specific r	maintenance a	nd repairs for eac	h type of BMP	_
D		Proposed Site stabilization rep	air parameters a	nd directions			D D
D D D		Disposal directions			Ps		D
D	_	Note provided requi				replacement	
		of BMPs by contrac	•			•	D
N D N/A "Identi	ification t or surr	ounding environme	wastes are ident ling/disposal of co reas provided with g geologic form ent or have the	ified onstruction was h BMPs nations or soi potential to	stes il conditions tha cause or contrib	t may provide hazard oute to pollution durir ion and its impacts f	ng earth
<u>N</u>		Instructions for prop				struction is addressed could cause pollution	N
D		are provided Typical details are p	royidad far press	vr handling are	d/or diaposal of all	auch matariala	D
D N/A		Typical details are p					D D
"Identi disturi		of the potential th	ermal impacts Ps to avoid, mini	to surface w mize or mitig	raters of this Co ate potential pol	ommonwealth from th lution from thermal im	pacts"
N	_	Analysis of how the					N
D&N		If impacts cannot be impacts and protect				ided to mitigate	D&N
(relatir	ng to PC	SM requirements). he PCSM Plan and	Unless otherw	vise approve	d by the Depart	h the PCSM Plan under ment, the E&S Plan r trol Plan" and be the fi	nust be
D&N		Overall plan suppor earth disturbance a		of stormwater	for erosion and se	diment control during	D&N

BMPs are compatible with and can be integrated into structural and non-structural PCSM

Existing and/or proposed buffers are shown on the plan drawings.

D&N

**Practices** 

"Identification of existing and proposed riparian forest buffers"

D&N

D

ATTACHMENT 2.7.2 EFFORT LOOP

#### STANDARD E&S CONTROL PLAN TECHNICAL REVIEW CHECKLIST **Effort Loop**

Project: Region	nal Energy Access Expansion Project	
Project Name: <u>I</u>	Regional Energy Access Expansion Project - Effort Loop	
Date: 03/04/202	22	
Item Location:	D = E&S Drawings, N = E&S Narrative, D&N = Drawings and Narrative	
Check that the f	following items are completed in the E&S Plan. If an item is not applicable write N/A.	
	shall be prepared by a person trained and experienced in E&S control methods and scope of the project being designed"	ınd techniques
Name <u>Patrick W</u> Telephone No.	Vozinski Address 366 Walker Drive, Suite 300, State College, PA 16801 (814)-238-2060	 D&N
"The existing t	opographic features of the project site and the immediate surrounding area"	
D	Legible mapping	D
D	Existing contours	D
D	Type of cover	D
D	_ Existing improvements, i.e. roads, buildings, utilities, etc.	D
D	Sufficient surrounding area	D
D	Complete mapping symbols legend and north arrow	D
D&N	Location map, i.e. USGS	D or
"The types, de	pth, slope, locations and limitations of the soils"	
D&N	Types, slopes, and locations of soil types	D
D&N	Soil type use limitations and resolutions	N
D&N	Hydric soils	N
	ristics of the earth disturbance activity, including the past, present, and proposed alteration to the project site"	land uses and
D	Proposed boundary and limits of construction	D
D	Proposed contours/grades	D
D	Proposed waterways and stormwater management facilities	D
D	_ Proposed improvements, i.e., roads, buildings, utilities, etc.	D
N	Past, present and proposed land uses	N
"The volume a	nd rate of runoff from the project area and its upstream watershed area"	
D	Maximum during construction drainage areas	D
D&N	Offsite drainage area(s) on USGS quadrangle map	N
D&N	_ Discharge analysis provided for non-surface water discharges	N
	of all surface waters of this Commonwealth which may receive runoff within or fr classification under Chapter 93"	om the project
D	_ Existing streams, wetlands, floodway, etc.	D
D&N	Receiving watercourses	D
D&N	Chapter 93 classification of streams or other water bodies	N

	escription of the location and type rbance activity"	of perimeter an	d onsite BMPs used before, during	and after
N	Description provided in the narrative	e		N
	f BMP installation and removal in re after earth disturbance activities the			ties, prior
D	Complete and site specific sequence	e of BMP installa	ation	D
	Activities planned to limit exposed a	reas		D
D	Removal of temporary BMPs			D
"Supporting c	alculations and measurements" and	"Plan Drawing	s"	
Stabilized Cons	truction Entrance			
D	Locations D Com	plete Details		D
Silt Fencing	Slope	al ength	Complete Details	D
	Slope	: Lengin	Complete Details	D
Channels				
D	Locations <u>N</u> Drainage Areas			D
D	Contours and Grades <u>D</u> Con	•		D
N	<del></del>	apacity and freeb	ooard calculations	N
N	Protective lining calculations			N
Sediment Basir	ıs			
	Locations Conto	urs	Drainage Areas	D
	Complete berm & outlet details	Clea	anout information	D&N
	Discharge to surface waters or appr	oved alternative		D
	Structurally sound	D		D&N
-	Capacity calculations	Discharge cal	culations	N
-	Dewatering calculations			N
Sediment Traps				
D D				D
D N	Complete berm & outlet details D			D&N
N N	Discharge to surface waters or application Capacity information N			D N
IV	Capacity information in	Discharge co	dictiations	IN
Outlet Protection				
<u>D</u>	Locations <u>D</u> Complete Details			D
N	Design Calculations			N
Inlet Protection				
	LocationsCon	mplete Details		D
Other BMDs (er	pecify) <u>Clean Water Crossing, Compos</u>	t Filter Socks tr	anch nluge, water hare	
D D D D D		t i liter Socks, tre	encii piugs, water bars	D
N	Design Calculations			N
	•			
Temporary Stal		N 4 1 - 1-	044	
Seed	Lime Fertilizer	Mulch	Others	D
Types <u>D</u> Rates <u>D</u>	<u>D</u>	D D		D
<del>-</del>	. <del></del>			_

Perma	nent Stab	ilization					
D		Topsoil replacemen	t				D
	Seed	Lime	Fertilizer	Mulch	Others		
Types	D	D	D	D	Gallord		D
Rates	D	D	D	D			D
BMPs ensure	on a wee	ekly basis and afte	r each stormwa eration. The p	ter event, ind rogram must	cluding the repa t provide for co	f BMPs and the inspe ir or replacement of E impletion of a writter ace activities"	BMPs to
D		Inspection schedule	)				D
D&N		Maximum sediment					D
D		Time frames for cor	npleting specific r	maintenance a	nd repairs for eac	h type of BMP	_
D		Proposed Site stabilization rep	air parameters a	nd directions			D D
D D D		Disposal directions			Ps		D
D	_	Note provided requi				replacement	
		of BMPs by contrac	•			•	D
N D N/A "Identi	ification t or surr	ounding environme	wastes are ident ling/disposal of co reas provided with g geologic form ent or have the	ified onstruction was h BMPs nations or soi potential to	stes il conditions tha cause or contrib	t may provide hazard oute to pollution durir ion and its impacts f	ng earth
<u>N</u>		Instructions for prop				struction is addressed could cause pollution	N
D		are provided Typical details are p	royidad far press	vr handling are	d/or diaposal of all	auch matariala	D
D N/A		Typical details are p					D D
"Identi disturi		of the potential th	ermal impacts Ps to avoid, mini	to surface w mize or mitig	raters of this Co ate potential pol	ommonwealth from th lution from thermal im	pacts"
N	_	Analysis of how the					N
D&N		If impacts cannot be impacts and protect				ided to mitigate	D&N
(relatir	ng to PC	SM requirements). he PCSM Plan and	Unless otherw	vise approve	d by the Depart	h the PCSM Plan under ment, the E&S Plan r trol Plan" and be the fi	nust be
D&N		Overall plan suppor earth disturbance a		of stormwater	for erosion and se	diment control during	D&N

BMPs are compatible with and can be integrated into structural and non-structural PCSM

Existing and/or proposed buffers are shown on the plan drawings.

D&N

**Practices** 

"Identification of existing and proposed riparian forest buffers"

D&N

D

ATTACHMENT 2.7.3 COMPRESSOR STATION 200

#### STANDARD E&S CONTROL PLAN TECHNICAL REVIEW CHECKLIST **Compressor Station 200**

Project: Regiona	al Energy Access Expansion Project	
Project Name: R	tegional Energy Access Expansion Project - Compressor Station 200	
Date: <u>03/04/202</u>	2	
Item Location:	D = E&S Drawings, N = E&S Narrative, D&N = Drawings and Narrative	
Check that the fo	llowing items are completed in the E&S Plan. If an item is not applicable write N/A.	
	shall be prepared by a person trained and experienced in E&S control methods e size and scope of the project being designed"	and techniques
Name <u>Patrick Wo</u> Telephone No. <u>(</u>		 D&N
"The existing to	pographic features of the project site and the immediate surrounding area"	
D	Legible mapping	D
D	Existing contours	D
D	Type of cover	D
D	Existing improvements, i.e. roads, buildings, utilities, etc.	D
D	Sufficient surrounding area	D
D	Complete mapping symbols legend and north arrow	D
D&N	Location map, i.e. USGS	D or I
"The types, dep	th, slope, locations and limitations of the soils"	
D&N	Types, slopes, and locations of soil types	D
D&N	Soil type use limitations and resolutions	N
D&N	Hydric soils	N
	stics of the earth disturbance activity, including the past, present, and propose teration to the project site"	d land uses and
D	Proposed boundary and limits of construction	D
D	Proposed contours/grades	D
D	Proposed waterways and stormwater management facilities	D
D	Proposed improvements, i.e., roads, buildings, utilities, etc.	D
N	Past, present and proposed land uses	N
"The volume an	d rate of runoff from the project area and its upstream watershed area"	
D	Maximum during construction drainage areas	D
D&N	Offsite drainage area(s) on USGS quadrangle map	N
D&N	Discharge analysis provided for non-surface water discharges	N
	of all surface waters of this Commonwealth which may receive runoff within or telescification under Chapter 93"	from the project
D	Existing streams, wetlands, floodway, etc.	D
D&N	Receiving watercourses	D
D&N	Chapter 93 classification of streams or other water bodies	N

"A narrative de the earth distur		ition and t	ype of perimete	r and onsite	BMPs used before, duri	ng and after
<u>N</u>	Description provided	d in the nar	rative			N
					of earth disturbance act	tivities, prior
D	Complete and site s	pecific seq	uence of BMP in	stallation		D
	Activities planned to		sed areas			D
D	Removal of tempora	ary BMPs				D
"Supporting ca	Iculations and meas	urements"	and "Plan Drav	wings"		
Stabilized Const	ruction Entrance					
<u>D</u>	Locations <u>D</u>		Complete Detail	s		D
Silt Fencing	Locations		Slope Length		Complete Details	D
Channels						
	Locations D	rainage Ar	eas			D
		es _	Con			D
	Peak flow calculatio	·	Сар	acity and free	eboard calculations	N
	Protective lining cal	culations				N
Sediment Basins						
	Locations	C	Contours	Drainage	Areas	D
	Complete berm & ou				ormation	D&N
	Discharge to surface Structurally sound	e waters or	approved alterna	ative		D D&N
	Capacity calculation	9	Dischard	e calculations	•	Dan N
	Dewatering calculati		Discriding	o odiodidilone	•	N
Sediment Traps						
Codimont Trapo			Contours		Drainage Areas	D
	Complete berm & ou	utlet details		Cle	anout information	D&N
	Discharge to surface					D
	Capacity information	າ	Dischar	ge calculation	S	N
Outlet Protection						
	Locations		Complete Deta	ils		D
	Design Calculations					N
Inlet Protection						
<u>D</u>	Locations <u>D</u> Comple	ete Details				D
Other BMPs (spe	ecify) <u>Compost Filter S</u>	Socks				
	Locations <u>D</u> Comple					_ D
N	Design Calculations					N
Temporary Stab	ilization					
Seed	Lime	Fertilizer	Mulch	Other	5	
Types D	<u>D</u>	<u>D</u>	D		<u></u>	D
Rates D	<u>D</u>	<u>D</u>	<u>D</u>		<u> </u>	D

Perma	nent Stab	ilization					
D		Topsoil replacement	nt				D
	Seed	Lime	Fertilizer	Mulch	Others		
Types	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>			D
Rates	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>			D
BMPs ensure	on a we	ekly basis and aft	er each stormwa peration. The p	ater event, inc program must	cluding the repa	of BMPs and the insperier or replacement of E ompletion of a writter nce activities"	BMPs to
D		Inspection schedul					D
D D&N D		Maximum sedimen					D
<u>D</u>		Time frames for co	mpleting specific	maintenance a	nd repairs for eac	h type of BMP	_
D		Proposed	nair naramatara a	and directions			D
D D		Site stabilization re Disposal directions			De		D D
D		Note provided requ				renlacement	D
		of BMPs by contract	-		oposiion a ropain	ropidoomone	D
		Project construction Directions for recycles Soil/rock disposal a	dertaken in acco n wastes are iden cling/disposal of co	rdance with the tified construction was	nis title"	al of materials associa	N D D
projec	t or surr pance ac	ounding environm	ent or have the	potential to	cause or contrik	t may provide hazard oute to pollution durir tion and its impacts f	ng earth
N D		Instructions for pro				struction is addressed could cause pollution	N
D		are provided Typical details are	provided for prop	ar handling on	lar disposal of all	such materials	D D
N/A		The locations of all					D
						ommonwealth from th lution from thermal im	
N		Analysis of how the	ermal impacts ass	ociated with th	e project will be a	voided is provided	N
D&N		If impacts cannot b					
		impacts and protect	t and maintain su	rface water qua	ality		D&N
(relatir separa	ng to PC	SM requirements) he PCSM Plan and	. Unless otherv	vise approve	d by the Depart	h the PCSM Plan under ment, the E&S Plan r trol Plan" and be the fi	nust be
D&N		Overall plan suppo earth disturbance a		of stormwater	for erosion and se	ediment control during	D&N

BMPs are compatible with and can be integrated into structural and non-structural PCSM

Existing and/or proposed buffers are shown on the plan drawings.

D&N

**Practices** 

"Identification of existing and proposed riparian forest buffers"

D&N

D

ATTACHMENT 2.7.4 COMPRESSOR STATION 515

#### STANDARD E&S CONTROL PLAN TECHNICAL REVIEW CHECKLIST **Compressor Station 515**

Project: Regional	Energy Access Expansion Project	
Project Name: Re	egional Energy Access Expansion Project - Compressor Station 515	
Date: <u>03/04/2022</u>		
Item Location:	D = E&S Drawings, N = E&S Narrative, D&N = Drawings and Narrative	
Check that the following	lowing items are completed in the E&S Plan. If an item is not applicable write N/A.	
	hall be prepared by a person trained and experienced in E&S control methods a size and scope of the project being designed"	ind techniques
Name <u>Patrick Wo</u> Telephone No. <u>(8</u>		 D&N
"The existing top	oographic features of the project site and the immediate surrounding area"	
D	Legible mapping	D
D	Existing contours	D
 D	Type of cover	D
 D	Existing improvements, i.e. roads, buildings, utilities, etc.	D
D	Sufficient surrounding area	D
<u>D</u>	Complete mapping symbols legend and north arrow	D
D&N	Location map, i.e. USGS	D or I
	h, slope, locations and limitations of the soils"	5 0
D&N	Types, slopes, and locations of soil types	D
D&N	Soil type use limitations and resolutions	N
D&N	Hydric soils	N
	tics of the earth disturbance activity, including the past, present, and proposed eration to the project site"	land uses and
D	Proposed boundary and limits of construction	D
D	Proposed contours/grades	D
D	Proposed waterways and stormwater management facilities	D
D	Proposed improvements, i.e., roads, buildings, utilities, etc.	D
N	Past, present and proposed land uses	N
"The volume and	I rate of runoff from the project area and its upstream watershed area"	
D	Maximum during construction drainage areas	D
D&N	Offsite drainage area(s) on USGS quadrangle map	N
D&N	Discharge analysis provided for non-surface water discharges	N
	f all surface waters of this Commonwealth which may receive runoff within or fr assification under Chapter 93"	om the project
D	Existing streams, wetlands, floodway, etc.	D
D&N	Receiving watercourses	D
D&N	Chapter 93 classification of streams or other water bodies	N

"A narrative de the earth distur		ation and t	ype of perimete	r and onsit	e BMPs used before, duri	ng and after
<u>N</u>	Description provide	d in the nar	rative			N
					ng of earth disturbance act unctioning of all BMPs"	ivities, prior
D	Complete and site s	specific seq	uence of BMP in	stallation		D
	Activities planned to		sed areas			D
<u>D</u>	Removal of tempora	ary BMPs				D
"Supporting ca	Iculations and meas	urements"	and "Plan Dra	wings"		
Stabilized Const	ruction Entrance					
<u>D</u>	Locations D		Complete Detail	s		D
Silt Fencing	Locations	;	Slope Length		Complete Details	D
Channels						
	Locations D	rainage Ar	eas			D
			Cor	nplete detai	s	D
	Peak flow calculation	ns _	Сар	acity and fr	eeboard calculations	N
	Protective lining cal	culations				N
Sediment Basins						
	Locations	(	Contours	Drainag	je Areas	D
	Complete berm & o				formation	D&N
	Discharge to surfact Structurally sound	e waters or	approved altern	ative		D D&N
	Capacity calculation	ne	Dischard	e calculation	าร	Dan N
	Dewatering calculate		Discharg	c calculation	13	N
Sediment Traps						
	Locations		Contours		Drainage Areas	D
	Complete berm & o	utlet details	-	C	leanout information	D&N
	Discharge to surface					D
	Capacity information	n	Dischar	ge calculation	ons	N
Outlet Protection						
	Locations		_ Complete Deta	ils		D
	Design Calculations	5				N
Inlet Protection						
<u>D</u>	Locations <u>D</u> Comple	ete Details				D
Other BMPs (spe	ecify) <u>Compost Filter S</u>	Socks				
	Locations <u>D</u> Comple					_ D
N	Design Calculations					N
Temporary Stab	ilization					
Seed	Lime	Fertilizer	Mulch	Othe	ers	
Types D	<u>D</u>	D	<u>D</u>			D
Rates D	<u>D</u>	D	<u>D</u>			D

Perma	nent Stab	oilization					
D		Topsoil replacemen	t				D
	Seed	Lime	Fertilizer	Mulch	Others		
Types	D	<u>D</u>	<u>D</u>	<u>D</u>			D
Rates	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>			D
BMPs ensure	on a we	ekly basis and afte	er each stormwa eration. The p	ater event, ind program mus	cluding the repair of the provide for com	BMPs and the inspe or replacement of E pletion of a writter e activities"	BMPs to
D		Inspection schedule					D
D D&N D		Maximum sediment					D
<u>D</u>			mpleting specific	maintenance a	nd repairs for each t	type of BMP	_
D		Proposed	acir paramatara s	and directions			D D
D D		Site stabilization rep Disposal directions			De		D
<u>D</u>					spection & repair/re	placement	Ь
		of BMPs by contract	-	mortation of in	opodion a ropanno	piacomoni	D
or from		hich ensure that the ject site will be und Project construction Directions for recyc	lertaken in acco wastes are iden	rdance with the	nis title"	of materials associa	ted with  N  D
N/A		Soil/rock disposal a					D
projec disturi format	t or surr	ounding environme tivities and include	ent or have the e BMPs to avoi	potential to d or minimize	cause or contribut potential pollutio	may provide hazard te to pollution durir n and its impacts f	ng earth rom the
N D		Instructions for prop			llution during constru all materials which co	uction is addressed ould cause pollution	N
D		are provided  Typical details are re	provided for prop	er handling and	d/or disposal of all su	ıch materials	D D
N/A		The locations of all		•	•	ion materiale	D
						nmonwealth from th	
N		Analysis of how the	rmal impacts ass	ociated with th	e project will be avo	ided is provided	N
D&N			e avoided, impac	ts are minimize	ed and BMPs provide		D&N
(relation	ng to PC	shall be planned, de SM requirements). he PCSM Plan and n"	esigned, and imp Unless other labeled "E&S" o	olemented to k wise approve or "Erosion an	be consistent with t d by the Departme	the PCSM Plan under ent, the E&S Plan r ol Plan" and be the fi ment control during	r § 102.8 nust be
		earth disturbance a				J	D&N

D&N

"Identification of existing and proposed riparian forest buffers" Existing and/or proposed buffers are shown on the plan drawings. D

D&N

**Practices** 

BMPs are compatible with and can be integrated into structural and non-structural PCSM

# ATTACHMENT 2.7.5 DELAWARE RIVER REGULATOR

#### STANDARD E&S CONTROL PLAN TECHNICAL REVIEW CHECKLIST **Delaware River Regulator**

Project: Regional	Energy Access Expansion Project	
Project Name: Re	egional Energy Access Expansion Project - Delaware River Regulator	
Date: 03/04/2022	<u>!</u>	
Item Location:	D = E&S Drawings, N = E&S Narrative, D&N = Drawings and Narrative	
Check that the fol	lowing items are completed in the E&S Plan. If an item is not applicable write N/A.	
	hall be prepared by a person trained and experienced in E&S control methods a size and scope of the project being designed"	and techniques
Name <u>Patrick Wo</u> Telephone No. <u>(8</u>		 D&N
"The existing top	oographic features of the project site and the immediate surrounding area"	
D	Legible mapping	D
D	Existing contours	D
 D	Type of cover	D
 D	Existing improvements, i.e. roads, buildings, utilities, etc.	D
D	Sufficient surrounding area	D
<u>D</u>	Complete mapping symbols legend and north arrow	D
D&N	Location map, i.e. USGS	D or I
	h, slope, locations and limitations of the soils"	B 01 1
D&N		D
D&N	Types, slopes, and locations of soil types Soil type use limitations and resolutions	N
D&N	Hydric soils	N
	tics of the earth disturbance activity, including the past, present, and proposed eration to the project site"	land uses and
D	Proposed boundary and limits of construction	D
D	Proposed contours/grades	D
D	Proposed waterways and stormwater management facilities	D
D	Proposed improvements, i.e., roads, buildings, utilities, etc.	D
N	Past, present and proposed land uses	N
"The volume and	d rate of runoff from the project area and its upstream watershed area"	
D	Maximum during construction drainage areas	D
D&N	Offsite drainage area(s) on USGS quadrangle map	N
D&N	Discharge analysis provided for non-surface water discharges	N
	f all surface waters of this Commonwealth which may receive runoff within or fr lassification under Chapter 93"	om the project
<u>D</u>	Existing streams, wetlands, floodway, etc.	D
D&N	Receiving watercourses	D
D&N	Chapter 93 classification of streams or other water bodies	N

	escription of the locarbance activity"	ation and ty	pe of perimeter	and onsite B	MPs used before, duri	ng and after		
<u>N</u>	Description provide	d in the narr	ative			N		
	f BMP installation an after earth disturban				f earth disturbance act tioning of all BMPs"	tivities, prior		
D	Complete and site specific sequence of BMP installation							
	Activities planned to		ed areas			D		
D	Removal of tempora	ary BMPs				D		
"Supporting ca	lculations and meas	urements"	and "Plan Drawi	ngs"				
Stabilized Const	ruction Entrance							
<u>D</u>	Locations D	(	Complete Details			D		
Silt Fencing	Locations	S	lope Length		Complete Details	D		
Channels								
	Locations [	rainage Are	eas			D		
			Comp	lete details		D		
	Peak flow calculation		Capad		oard calculations	Ν		
	Protective lining cal	culations				N		
Sediment Basins								
	Locations	C	ontours	_ Drainage A	reas	D		
	Complete berm & o				nation	D&N		
	Discharge to surfac Structurally sound	e waters or	approved aiternati	ve		D D&N		
	Capacity calculation	ns	Discharge (	calculations		N		
	Dewatering calculate		Bloomargo	odiodidiono		N		
Sediment Traps								
	Locations		Contours		Drainage Areas	D		
	Complete berm & o				nout information	D&N		
	Discharge to surfact Capacity information					D N		
			Discharge	Calculations		IN		
Outlet Protection						_		
	Locations		Complete Details			D		
	Design Calculations	i				N		
Inlet Protection						_		
	Locations		Complete Details	ı		D		
Other BMPs (sp	ecify) Compost Filter	Socks						
D	Locations <u>D</u> Comple	ete Details				_ D		
N	Design Calculations					N		
Temporary Stab								
Seed	Lime	Fertilizer	Mulch	Others		_		
Types D		<u>D</u>	<u>D</u>		<del>-</del>	D		
Rates <u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>		_	D		

Derma	nent Stab	ilization					
	nent otac						<b>D</b>
<u>D</u>		Topsoil replacement					D
	Seed	Lime	Fertilizer	Mulch	Others		
Types	D	<u>D</u>	<u>D</u>	<u>D</u>			D
Rates	D	D	<u>D</u>	<u>D</u>			D
BMPs ensure	on a we	ekly basis and after e and efficient ope	each stormwa eration. The p	ter event, inc rogram must	d maintenance of BMP duding the repair or re provide for complet at and maintenance act	eplacement of B ion of a written	MPs to
D		Inspection schedule					D
D D&N D		Maximum sediment	storage elevatior	n/level in BMPs	3		D
D			pleting specific r	maintenance a	nd repairs for each type	of BMP	
<b>D</b>		Proposed					D
D D		Site stabilization rep Disposal directions f			20		D D
<u>D</u>					-s spection & repair/replac	ement	D
		of BMPs by contract	-	nontation of in		omone	D
or fron		ject site will be under	ertaken in accor	dance with th	cling or disposal of m	ateriais associati	eu witii N
D		Directions for recycli	ng/disposal of co	nstruction was	stes		D
N/A		Soil/rock disposal ar	eas provided with	n BMPs			D
projec	t or surr bance ac	ounding environme	nt or have the	potential to	l conditions that may cause or contribute to potential pollution ar	pollution during	g earth
<u>N</u>					lution during construction		N
D		are provided	er nandling and/d	or disposal of a	Ill materials which could	cause pollution	D
D			ovided for prope	r handling and	l/or disposal of all such r	materials	D
N/A		The locations of all s					D
					aters of this Commo ate potential pollution		
N		•	•		e project will be avoided	•	N
D&N		If impacts cannot be impacts and protect			d and BMPs provided to		D&N
(relation	ng to PC	shall be planned, de SM requirements). he PCSM Plan and I	signed, and imp Unless otherw	lemented to b	e consistent with the F I by the Department, d Sediment Control Pla	PCSM Plan under the E&S Plan m	§ 102.8 lust be
N/A		Overall plan support	s the managing o	of stormwater f	or erosion and sedimen	t control during	

D&N

BMPs are compatible with and can be integrated into structural and non-structural PCSM **Practices** D&N "Identification of existing and proposed riparian forest buffers"

earth disturbance activities

Existing and/or proposed buffers are shown on the plan drawings. D

ATTACHMENT 2.7.6
MAINLINE A REGULATOR

#### STANDARD E&S CONTROL PLAN TECHNICAL REVIEW CHECKLIST Mainline A Regulator

Project: Regiona	I Energy Access Expansion Project	
Project Name: <u>R</u>	egional Energy Access Expansion Project - Mainline A Regulator	
Date: 03/04/2022	2	
Item Location:	D = E&S Drawings, N = E&S Narrative, D&N = Drawings and Narrative	
Check that the fo	llowing items are completed in the E&S Plan. If an item is not applicable write N/A.	
	shall be prepared by a person trained and experienced in E&S control methods are size and scope of the project being designed"	and techniques
Name <u>Patrick Wo</u> Telephone No. <u>(</u>		 D&N
"The existing to	pographic features of the project site and the immediate surrounding area"	
D	Legible mapping	D
D	Existing contours	D
D	Type of cover	D
D	Existing improvements, i.e. roads, buildings, utilities, etc.	D
D	Sufficient surrounding area	D
D	Complete mapping symbols legend and north arrow	D
D&N	Location map, i.e. USGS	D or
"The types, dep	th, slope, locations and limitations of the soils"	
D&N	Types, slopes, and locations of soil types	D
D&N	Soil type use limitations and resolutions	N
D&N	Hydric soils	N
	stics of the earth disturbance activity, including the past, present, and proposed teration to the project site"	land uses and
D	Proposed boundary and limits of construction	D
D	Proposed contours/grades	D
D	Proposed waterways and stormwater management facilities	D
D	Proposed improvements, i.e., roads, buildings, utilities, etc.	D
N	Past, present and proposed land uses	N
"The volume an	d rate of runoff from the project area and its upstream watershed area"	
D	Maximum during construction drainage areas	D
D&N	Offsite drainage area(s) on USGS quadrangle map	N
D&N	Discharge analysis provided for non-surface water discharges	N
	of all surface waters of this Commonwealth which may receive runoff within or fo lassification under Chapter 93"	rom the project
D	Existing streams, wetlands, floodway, etc.	D
D&N	Receiving watercourses	D
D&N	Chapter 93 classification of streams or other water bodies	N

	escription of the locarbance activity"	ation and ty	pe of perimeter	and onsite B	MPs used before, duri	ng and after		
<u>N</u>	Description provide	d in the narr	ative			N		
	f BMP installation an after earth disturban				f earth disturbance act tioning of all BMPs"	tivities, prior		
D	Complete and site specific sequence of BMP installation							
	Activities planned to		ed areas			D		
D	Removal of tempora	ary BMPs				D		
"Supporting ca	lculations and meas	urements"	and "Plan Drawi	ngs"				
Stabilized Const	ruction Entrance							
<u>D</u>	Locations D	(	Complete Details			D		
Silt Fencing	Locations	S	lope Length		Complete Details	D		
Channels								
	Locations [	rainage Are	eas			D		
			Comp	lete details		D		
	Peak flow calculation		Capad		oard calculations	Ν		
	Protective lining cal	culations				N		
Sediment Basins								
	Locations	C	ontours	_ Drainage A	reas	D		
	Complete berm & o				nation	D&N		
	Discharge to surfac Structurally sound	e waters or	approved aiternati	ve		D D&N		
	Capacity calculation	ns	Discharge (	calculations		N		
	Dewatering calculate		Bloomargo	odiodidiono		N		
Sediment Traps								
	Locations		Contours		Drainage Areas	D		
	Complete berm & o				nout information	D&N		
	Discharge to surfact Capacity information					D N		
			Discharge	Calculations		IN		
Outlet Protection						_		
	Locations		Complete Details			D		
	Design Calculations	i				N		
Inlet Protection						_		
	Locations		Complete Details	ı		D		
Other BMPs (sp	ecify) Compost Filter	Socks						
D	Locations <u>D</u> Comple	ete Details				_ D		
N	Design Calculations					N		
Temporary Stab								
Seed	Lime	Fertilizer	Mulch	Others		_		
Types D		<u>D</u>	<u>D</u>		<del>-</del>	D		
Rates <u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>		_	D		

Derma	nent Stab	ilization					
	nent otac						<b>D</b>
<u>D</u>		Topsoil replacement					D
	Seed	Lime	Fertilizer	Mulch	Others		
Types	D	<u>D</u>	<u>D</u>	<u>D</u>			D
Rates	D	D	<u>D</u>	<u>D</u>			D
BMPs ensure	on a we	ekly basis and after e and efficient ope	each stormwa eration. The p	ter event, inc rogram must	d maintenance of BMP duding the repair or re provide for complet at and maintenance act	eplacement of B ion of a written	MPs to
D		Inspection schedule					D
D D&N D		Maximum sediment	storage elevatior	n/level in BMPs	3		D
D			pleting specific r	maintenance a	nd repairs for each type	of BMP	
<b>D</b>		Proposed					D
D D		Site stabilization rep Disposal directions f			20		D D
<u>D</u>					-s spection & repair/replac	ement	D
		of BMPs by contract	-	nontation of in		omone	D
or fron		ject site will be under	ertaken in accor	dance with th	cling or disposal of m	ateriais associati	eu witii N
D		Directions for recycli	ng/disposal of co	nstruction was	stes		D
N/A		Soil/rock disposal ar	eas provided with	n BMPs			D
projec	t or surr bance ac	ounding environme	nt or have the	potential to	l conditions that may cause or contribute to potential pollution ar	pollution during	g earth
<u>N</u>					lution during construction		N
D		are provided	er nandling and/d	or disposal of a	Ill materials which could	cause pollution	D
D			ovided for prope	r handling and	l/or disposal of all such r	materials	D
N/A		The locations of all s					D
					aters of this Commo ate potential pollution		
N					e project will be avoided		N
D&N		If impacts cannot be impacts and protect			d and BMPs provided to		D&N
(relation	ng to PC	shall be planned, de SM requirements). he PCSM Plan and I	signed, and imp Unless otherw	lemented to b	e consistent with the F I by the Department, d Sediment Control Pla	PCSM Plan under the E&S Plan m	§ 102.8 lust be
N/A		Overall plan support	s the managing o	of stormwater f	or erosion and sedimen	t control during	

D&N

BMPs are compatible with and can be integrated into structural and non-structural PCSM **Practices** D&N "Identification of existing and proposed riparian forest buffers"

earth disturbance activities

Existing and/or proposed buffers are shown on the plan drawings. D