This section must be completed where earth disturbance activities will be conducted in special protection or siltation-impaired watersheds.

Part 1 NONDISCHARGE ALTERNATIVES EVALUATION

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

water quality			
E & S Plan	Official Use Only	PCSM/Site Restoration Plan	Official Use Only
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide your analysis and attach additional sheets if necessary). The best possible surface locations were selected based on landowner agreements, minimization of environmental impacts, and engineering/constructability factors. The project's disturbed area will be limited to the area required for construction, and the duration of construction will be minimized to the extent practicable. Riparian forest buffers will be protected to the extent practicable during construction activities in the vicinity of stream crossings, where applicable. Surface sites were co-located with existing facilities where possible.		Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into your PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide your analysis and attach additional sheets if necessary) The best possible surface site locations were selected based on landowner agreements, minimization of environmental impacts, and engineering/constructability factors.	
Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Limited Disturbed Area Limiting Extent & Duration of Disturbance (Phasing, Sequencing) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Other Co-locate with existing facilities where possible		Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other	
Will the non-discharge alternative BMPs eliconstruction? ☐ Yes ☒ No	iminate the n	net change in rate, volume and quality durin	g and after
If yes, antidegradation analysis is complete			

If no, proceed to Part 2.			
PART 2 ANTIDEGRADATION BEST	AVAILABL	E COMBINATION OF TECHNOLOGIES (ABACT))
applicant must utilize ABACT BMPs to manage	the differer both, and id	nstruction is not fully managed by nondischarge ice. The Applicant must specify whether the disc entify the technologies that will be used to ensu include but are not limited to:	charge will
E & S Plan	Official Use Only	PCSM/Site Restoration Plan	Official Use Only
☐ Treatment BMPs:		☐ Treatment BMPs:	
Sediment basin with skimmer		Infiltration Practices	
Sediment basin ratio of 4:1 or greater		☐ Wet ponds	
(flow length to basin width)		Created wetland treatment systems	
Sediment basin with 4-7 day detention		☐ Vegetated swales	
☐ Flocculants☐ Compost Filter Socks		Manufactured devices	
Compost Filter Sock Sediment Basin		☐ Bio-retention/infiltration ☐ Green Roofs	
RCE w/ Wash Rack		Land disposal:	
☐ Koe w wash kack ☐ Land disposal:		☐ Vegetated filters	
☐ Vegetated filters		Riparian Buffers <150ft.	
Riparian buffers <150ft.		Riparian Forest Buffer <150ft.	
Riparian Forest Buffer <150ft.		☐ Disconnection of roof drainage	
		Bio-retention/bio-infiltration	
		Pollution prevention:	
		☐ Street sweeping	
Street sweeping		☐ Nutrient, pesticide, herbicide or other	
☐ Channels, collectors and diversions		chemical application plan	
lined with permanent vegetation, rock,		alternatives	
geotextile or other non-erosive materials		PPC Plans	
Stormwater reuse technologies:		Non-structural Practices	
Sediment basin water for dust control		Restoration BMPs	
Sediment basin water for irrigation		Stormwater reuse technologies:Divert rainwater into impoundment	
		Underground storage	
Other Erosion control blankets placed on		Spray/Drip Irrigation	
steep slopes and areas within 100-feet of streams, where applicable.		Other	

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Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☑ Limited Disturbed Area ☑ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☑ Other Co-locate with existing facilities where possible Will the non-discharge alternative BMPs el construction?	iminate the r	Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other Pre-construction drainage pattern intact where possible. Use geoweb to minimize compaction met change in rate, volume and quality during	g and after
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Sediment basin ratio of 4:1 or greater		☐ Wet ponds	
(flow length to basin width)		Created wetland treatment systems	
Sediment basin with 4-7 day detention		☐ Vegetated swales	
☐ Flocculants☐ Compost Filter Socks		Manufactured devices	
Compost Filter Sock Sediment Basin		☐ Bio-retention/infiltration ☐ Green Roofs	
RCE w/ Wash Rack		Land disposal:	
☐ Koe w wash kack ☐ Land disposal:		☐ Vegetated filters	
☐ Vegetated filters		Riparian Buffers <150ft.	
Riparian buffers <150ft.		Riparian Forest Buffer <150ft.	
Riparian Forest Buffer <150ft.		☐ Disconnection of roof drainage	
		Bio-retention/bio-infiltration	
		Pollution prevention:	
		☐ Street sweeping	
Street sweeping		☐ Nutrient, pesticide, herbicide or other	
☐ Channels, collectors and diversions		chemical application plan	
lined with permanent vegetation, rock,		alternatives	
geotextile or other non-erosive materials		PPC Plans	
Stormwater reuse technologies:		Non-structural Practices	
Sediment basin water for dust control		Restoration BMPs	
Sediment basin water for irrigation		Stormwater reuse technologies:Divert rainwater into impoundment	
		Underground storage	
Other Erosion control blankets placed on		Spray/Drip Irrigation	
steep slopes and areas within 100-feet of streams, where applicable.		Other	

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Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other Co-locate with existing facilities where possible		Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other	
Will the non-discharge alternative BMPs eliconstruction? ☐ Yes ☒ No	minate the r	net change in rate, volume and quality durin	g and after
If ves. antidegradation analysis is complete.			

If no, proceed to Part 2.			
PART 2 ANTIDEGRADATION BEST	AVAILABL	E COMBINATION OF TECHNOLOGIES (ABACT))
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Sediment basin with skimmer		Infiltration Practices	
Sediment basin ratio of 4:1 or greater		☐ Wet ponds	
(flow length to basin width)		Created wetland treatment systems	
Sediment basin with 4-7 day detention		☐ Vegetated swales	
☐ Flocculants☐ Compost Filter Socks		Manufactured devices	
Compost Filter Sock Sediment Basin		☐ Bio-retention/infiltration ☐ Green Roofs	
RCE w/ Wash Rack		Land disposal:	
☐ Koe w wash kack ☐ Land disposal:		☐ Vegetated filters	
☐ Vegetated filters		Riparian Buffers <150ft.	
Riparian buffers <150ft.		Riparian Forest Buffer <150ft.	
Riparian Forest Buffer <150ft.		☐ Disconnection of roof drainage	
		Bio-retention/bio-infiltration	
		Pollution prevention:	
		☐ Street sweeping	
Street sweeping		☐ Nutrient, pesticide, herbicide or other	
☐ Channels, collectors and diversions		chemical application plan	
lined with permanent vegetation, rock,		alternatives	
geotextile or other non-erosive materials		PPC Plans	
Stormwater reuse technologies:		Non-structural Practices	
Sediment basin water for dust control		Restoration BMPs	
Sediment basin water for irrigation		Stormwater reuse technologies:Divert rainwater into impoundment	
		Underground storage	
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Will the non-discharge alternative BMPs elim construction? ☐ Yes ☒ No	inate the n	et change in rate, volume and quality during	and after		
If yes, antidegradation analysis is complete. If no, proceed to Part 2.					
PART 2 ANTIDEGRADATION BEST	AVAILABLI	E COMBINATION OF TECHNOLOGIES (ABACT))		
applicant must utilize ABACT BMPs to manage occur during construction, post-construction or I	If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:				
E & S Plan	Official Use Only	PCSM/Site Restoration Plan	Official Use Only		
☐ Treatment BMPs:☐ Sediment basin with skimmer		☐ Treatment BMPs:☐ Infiltration Practices			
 ✓ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☐ Compost Filter Socks ☐ Compost Filter Sock Sediment Basin ☐ RCE w/ Wash Rack ☐ Land disposal: ☐ Vegetated filters 		 Wet ponds Created wetland treatment systems Vegetated swales Manufactured devices Bio-retention/infiltration Green Roofs Land disposal: Vegetated filters Riparian Buffers <150ft. 			
☒ Riparian buffers <150ft.☒ Riparian Forest Buffer <150ft.☒ Immediate stabilization		Riparian Forest Buffer <150ft. Disconnection of roof drainage Bio-retention/bio-infiltration			
 ✓ Pollution prevention: PPC Plans Street sweeping Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ✓ Stormwater reuse technologies: 		 Pollution prevention: Street sweeping Nutrient, pesticide, herbicide or other chemical application plan alternatives PPC Plans Non-structural Practices Restoration BMPs 			
Sediment basin water for dust controlSediment basin water for irrigation		Stormwater reuse technologies: Divert rainwater into impoundment			
Other		☐ Underground storage ☐ Spray/Drip Irrigation ☐ Other			

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E & S Plan	Official Use	PCSM/Site Restoration Plan	Official Use
	Only		Only
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sheets if necessary)		Alternative Siting - Pipeline & access locations limit use of this alternative	
Alternative Siting - Pipeline & access locations limit use of this alternative		Low Impact Development - Nature of construction limits use of this alternative	
Limited Disturbed Areas - simple to utilize by limiting disturbance to construction areas only		Riparian Buffers - No buffer available	
Limiting E&D of disturbance - Nature of		Riparian Forest Buffer - No buffer available	
construction limits use of this alternative		Infiltration - Good infiltration rates & space available.	
Riparian buffers - No buffer available			
Riparian Forest Buffer - No buffer available		Water Reuse - Nature of construction limits use of this alternative	
Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Limited Disturbed Area Limiting Extent & Duration of Disturbance (Phasing, Sequencing) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Other Will the non-discharge alternative BMPs eliconstruction?	iminate the r	Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other et change in rate, volume and quality durin	g and after
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☑ Treatment BMPs: ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☐ Compost Filter Socks ☐ Compost Filter Sock Sediment Basin ☐ RCE w/ Wash Rack ☐ Land disposal: ☐ Vegetated filters ☐ Riparian buffers <150ft.		Infiltration Practices Wet ponds Created wetland treatment systems Vegetated swales Manufactured devices Bio-retention/infiltration Green Roofs Land disposal: Vegetated filters Riparian Buffers <150ft. Riparian Forest Buffer <150ft. Disconnection of roof drainage Bio-retention/bio-infiltration Pollution prevention: Street sweeping Nutrient, pesticide, herbicide or other chemical application plan alternatives PPC Plans Non-structural Practices Restoration BMPs Stormwater reuse technologies: Divert rainwater into impoundment Underground storage Spray/Drip Irrigation	
		Other	

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water quality	spiriorit to poo	t development volume, rate and concernitation of	poliutarito iii
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construction? Yes No If yes, antidegradation analysis is complete.			

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Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Limited Disturbed Area Limiting Extent & Duration of Disturbance (Phasing, Sequencing) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Other		Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other	

Will the non-discharge alternative BMPs elim construction? ☐ Yes ☒ No	ninate the n	et change in rate, volume and quality during	and after
If yes, antidegradation analysis is complete. If no, proceed to Part 2.			
PART 2 ANTIDEGRADATION BEST	AVAILABL	E COMBINATION OF TECHNOLOGIES (ABACT)
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water quality		T T	
E & S Plan	Official Use Only	PCSM/Site Restoration Plan	Official Use Only
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide your analysis and attach additional sheets if necessary) The best possible pipeline route was selected based on landowner agreements, and minimization of environmental impacts, and engineering/constructibility factors. The project's disturbed area will be limited to the area required for construction, and the duration of construction will be minimized to the extent practicable. The site will use wash racks, compost filter socks, erosion control blankets, and implement a PPC plan to maintain the existing water quality of receiving waters.		Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into your PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide your analysis and attach additional sheets if necessary) The best possible pipeline route was selected based on landowner agreements, and minimization of environmental impacts, and engineering/constructibility factors. The pipeline right of way will be restored to a meadow condition at original contours to maintain the pre-construction drainage patterns. The site will use an infiltration berm to manage stormwater and prevent an increase in runoff volume or rate. The runoff is managed so that it will not degrade the physical, chemical, or biological characteristics of the receiving stream.	
Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Limited Disturbed Area Limiting Extent & Duration of Disturbance (Phasing, Sequencing) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Other Will the non-discharge alternative BMPs eliconstruction? Yes No	minate the r	Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other re-construction drainage pattern intact within the right of way net change in rate, volume and quality durin	g and after
If yes, antidegradation analysis is complete. If no, proceed to Part 2.			

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 ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☐ Compost Filter Socks ☐ Compost Filter Sock Sediment Basin ☐ RCE w/ Wash Rack ☐ Land disposal: ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Immediate stabilization ☐ Pollution prevention: ☐ PPC Plans ☐ Street sweeping ☐ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ Stormwater reuse technologies: ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☑ Other Rock construction entrances with wash racks, compost filter socks, erosion control blanket placed within 100-feet of streams 		☐ Treatment BMPs: ☐ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☐ Vegetated swales ☐ Manufactured devices ☐ Bio-retention/infiltration ☐ Green Roofs ☐ Land disposal: ☐ Vegetated filters ☐ Riparian Buffers <150ft.	

This section must be completed where earth disturbance activities will be conducted in special protection or siltation-impaired watersheds.

Part 1 NONDISCHARGE ALTERNATIVES EVALUATION

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in

water quality	spiriorit to poo	t development volume, rate and concernitation of	poliutarito iii
E & S Plan	Official Use Only	PCSM/Site Restoration Plan	Official Use Only
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=	iminate the r	Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other Pre-construction drainage pattern intact where possible. Use geoweb to minimize compaction et change in rate, volume and quality during	g and after
construction? Yes No If yes, antidegradation analysis is complete.			

AVAILABL	E COMBINATION OF TECHNOLOGIES (ABACT))
		re that the
1	include but are not limited to:	
		Official
	PCSM/Site Restoration Plan	Use
Only		Only
	☐ Treatment BMPs:	
	☐ Infiltration Practices	
	☐ Wet ponds	
	☐ Created wetland treatment systems	
	☐ Vegetated swales	
	☐ Manufactured devices	
	<u> </u>	
	•	
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	Spray/Drip Irrigation	
	☐ Other	
	or after co the differer both, and ic	Treatment BMPs:

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Part 1 NONDISCHARGE ALTERNATIVES EVALUATION

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

water quality			
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Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Limited Disturbed Area Limiting Extent & Duration of Disturbance (Phasing, Sequencing) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Other		Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other	
Will the non-discharge alternative BMPs eliconstruction? ☐ Yes ☒ No	minate the r	et change in rate, volume and quality durin	g and after
If yes, antidegradation analysis is complete. If no, proceed to Part 2.			

E & S Plan	Official Use Only	PCSM/Site Restoration Plan	Official Use Only
 ☑ Treatment BMPs: ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☐ Compost Filter Socks ☐ Compost Filter Sock Sediment Basin ☐ RCE w/ Wash Rack ☑ Land disposal: ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Immediate stabilization ☑ POIlution prevention: ☐ PPC Plans ☐ Street sweeping ☐ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials 		 ☑ Treatment BMPs: □ Infiltration Practices □ Wet ponds □ Created wetland treatment systems □ Vegetated swales □ Manufactured devices □ Bio-retention/infiltration □ Green Roofs □ Land disposal: □ Vegetated filters □ Riparian Buffers <150ft. □ Disconnection of roof drainage □ Bio-retention/bio-infiltration ☑ Pollution prevention: □ Street sweeping □ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☑ PPC Plans □ Non-structural Practices 	
☐ Stormwater reuse technologies: ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ Other Erosion control blankets placed on steep slopes and areas within 100-feet of streams, where applicable.		Restoration BMPs Stormwater reuse technologies: Divert rainwater into impoundment Underground storage Spray/Drip Irrigation Other	

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Part 1 NONDISCHARGE ALTERNATIVES EVALUATION

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

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Will the non-discharge alternative BMPs eli construction? ☐ Yes ☒ No	minate the r	l net change in rate, volume and quality during	g and afte

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□ Stormwater reuse technologies: □ Sediment basin water for dust control □ Sediment basin water for irrigation □ Other Erosion control blankets placed on steep slopes and areas within 100-feet of streams, where applicable.		Restoration BMPs Stormwater reuse technologies: Divert rainwater into impoundment Underground storage Spray/Drip Irrigation Other	

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Part 1 NONDISCHARGE ALTERNATIVES EVALUATION

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- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

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Will the non-discharge alternative BMPs elimited construction? ☐ Yes ☑ No	minate the r	l net change in rate, volume and quality during	g and afte

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□ Stormwater reuse technologies: □ Sediment basin water for dust control □ Sediment basin water for irrigation □ Other Erosion control blankets placed on steep slopes and areas within 100-feet of streams, where applicable.		Restoration BMPs Stormwater reuse technologies: Divert rainwater into impoundment Underground storage Spray/Drip Irrigation Other	

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Part 1 NONDISCHARGE ALTERNATIVES EVALUATION

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

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	minate the r	Let change in rate, volume and quality during	g and aft

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□ Stormwater reuse technologies: □ Sediment basin water for dust control □ Sediment basin water for irrigation □ Other Erosion control blankets placed on steep slopes and areas within 100-feet of streams, where applicable.		Restoration BMPs Stormwater reuse technologies: Divert rainwater into impoundment Underground storage Spray/Drip Irrigation Other	

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Part 1 NONDISCHARGE ALTERNATIVES EVALUATION

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

water quality				
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Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other Co-locate with existing facilities where possible		Nondischarge BMPs Alternative Siting Alternative location Alternative configuration Alternative location of discharge Low Impact Development (LID / BSD) Riparian Buffers (150 ft. min.) Riparian Forest Buffer (150 ft. min.) Infiltration Water Reuse Other		
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during and after construction? ☐ Yes ☒ No				
If ves. antidegradation analysis is complete.				

If no, proceed to Part 2.						
PART 2 ANTIDEGRADATION BEST	AVAILABL	E COMBINATION OF TECHNOLOGIES (ABACT))			
If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:						
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 ☐ Treatment BMPs: ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☐ Compost Filter Socks ☐ Compost Filter Sock Sediment Basin ☐ RCE w/ Wash Rack ☐ Land disposal: ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Immediate stabilization ☐ Pollution prevention: ☐ PPC Plans ☐ Street sweeping ☐ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ Stormwater reuse technologies: ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ Other Erosion control blankets placed on steep slopes and areas within 100-feet of streams, where applicable. 		☐ Treatment BMPs: ☐ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☐ Vegetated swales ☐ Manufactured devices ☐ Bio-retention/infiltration ☐ Green Roofs ☐ Land disposal: ☐ Vegetated filters ☐ Riparian Buffers <150ft.				