NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) MODULE 2

Applicant:	Project Site Name:
PROLOGIS	7464 & 7600 LINGLESTOWN ROAD SITE
Surface Water Name(s):	Surface Water Use(s):
U.N.T TO BEAVER CREEK (TRIB 09452)	NONE
U.N.T TO BEAVER CREEK (TRIB 09452) VIA WETLAND	NONE
U.N.T TO BEAVER CREEK (TRIB 09468)	NONE
U.N.T TO WALNUT CREEK (TRIB 09596)	NONE
U.N.T TO WALNUT CREEK (TRIB 09590) VIA WETLAND	NONE

	PCSM PLAN INFORMATION								
1. Identify a	1. Identify all structural and non-structural PCSM BMPs that have been selected and provide the information requested.								
Discharge Point(s)	BMP ID	BMP Name	BMP Manual	Latitude	Longitude	DA Treated (ac)			
002	1	BMP #1	6.4.3	40.35807	-76.74388	11.65			
002	2	BMP #2	6.4.2	40.35796	-76.74459	12.81			
004	3	BMP #3	6.4.3	40.35657	-76.73939	21.26			
005	4	BMP #4	6.6.3	40.35880	-76.73599	10.12			
005	5	BMP #5	6.6.3	40.35613	-76.73655	15.61			
005	6	BMP #6	6.4.2	40.35630	-76.73498	16.76			
005	7	BMP #7	6.4.2	40.35626	-76.73411	17.22			
006	8	BMP #8	6.4.5	40.35469	-76.73665	2.11			
006	9	BMP #9	6.6.3	40.35622	-76.73943	3.45			
002	10	BMP #10	6.8.1	40.35780	-76.74496	12.81			
004	11	BMP #11	6.8.1	40.35554	-76.74152	21.26			
002, 004, 005, 006	12	BMP #12*	6.6.4	N/A	N/A	29.23			
* BMP #12 re	efers to all	Flexstorm Filters							
Undetained	Areas:	19.43 acre(s)							

The Project Qualifies as a Site Restoration Project (25 Pa. Code §102.8(n))

2. Describe the sequence of PCSM BMP implementation in relation to earth disturbance activities and a schedule of inspections for the critical stages of PCSM BMP installation.

REFERENCE "STAGING OF MAJOR CONSTRUCTION ACTIVITIES" SECTION ON SHEET SW 16.1 OF PCSM PLAN 3. Plan drawings have been developed for the project and will be available on-site. 4. Plan drawings have been developed for the project and are attached to the NOI/application. 5. Recycling and proper disposal of materials associated with PCSM BMPs are addressed as part of long-term operation and maintenance of the PCSM BMPs. Identify naturally occurring geologic formations or soil conditions that may have the potential to cause pollution after earth 6. disturbance activities are completed and PCSM BMPs are operational and the applicant's plan to avoid or minimize potential pollution and its impacts. **REFERENCE "GEOLOGIC SOIL FORMATIONS & POTENTIAL POLLUTION" SECTION ON SHEET SW 16.1 OF** PCSM PLAN 7. Identify whether the potential exists for thermal impacts to surface waters from post-construction stormwater. If such potential exists, identify BMPs that will be implemented to avoid, minimize, or mitigate potential thermal impacts. REFERENCE "THERMAL IMPACTS ANALYSIS" SECTION ON SHEET SW 16.1 OF PCSM PLAN The PCSM Plan has been planned, designed, and will be implemented to be consistent with the E&S Plan. 8. 9. A pre-development site characterization has been performed.

	STORMWATER ANALYSIS – RUNOFF VOLUME										
Surface Wat	er Name:	U.N.T. T (TRIB 0 (TRIB 0	O BEAVER CRE 9452); U.N.T. TO 9452) VIA WETL	EK) beaver (and	CREEK			Discha	rge Point(s):	001; 004	
1. 🗌 The d	design stand	ard is bas	ed on volume ma	inagement re	quirements in	an Act 167 Pl	an approv	ved by DEP with	in the past five y	ears.	
2. 🛛 The o	design stand	ard is bas	ed on managing	the net chan	ge for storms ເ	up to and inclu	ding the 2	2-year/24-hour s	torm.		
3. 🗌 An al	ternative de	sign stand	lard is being used	l.							
4. 🛛 A prii	ntout of DEF	's PCSM	Spreadsheet – Vo	olume Works	heet is attache	ed.					
5. 2-Year/2	4-Hour Storr	n Event:	in	ches S	ource of preci	pitation data:					
6. Stormwa	ter Runoff V	olume, Pr	e-Construction Co	onditions:		CF	🗌 Calcu	ulations attached			
7. Stormwa	ter Runoff V	olume, Po	st-Construction C	Conditions:		CF	🗌 Calcı	ulations attached	l		
8. Net Char	nge (Post-Co	onstructior	n – Pre-Construct	ion Volumes)	:	CF					
9. Identify a	all selected s	tructural F	CSM BMPs and	provide the in	nformation req	luested.	🗌 Calcu	ulations attached	l		
DP No.	BMP ID	Series	Vol. Routed to BMP (CF)	Inf. Area (SF)	Inf. Rate (in/hr)	Inf. Period (hrs)	Veg?	Media Depth (ft)	Storage Vol. (CF)	Inf. Credit (CF)	ET Credit (CF)

Non-Structural BMP Volume Credits (CF) (Attach Calculations):

Managed Release Credits (CF) (Attach MRC Design Summary):

Volume Required to Reduce/Manage (CF):

	STORMWATER ANALYSIS – RUNOFF VOLUME										
Surface Wat	er Name:	U.N.T. T (TRIB 0	O BEAVER CRE 9468)	BEAVER CREEK Discharge Point(s): 002							
10. 🗌 The	design stand	ard is bas	ed on volume ma	inagement re	quirements in	an Act 167 Pla	an approv	ved by DEP with	in the past five y	ears.	
11. 🛛 The	design stand	ard is bas	ed on managing	the net chang	ge for storms (up to and inclu	ding the 2	2-year/24-hour st	torm.		
12. 🗌 An a	lternative de	sign stand	ard is being used	l.							
13. 🛛 A pri	13. 🛛 A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.										
14. 2-Year/2	4-Hour Storr	n Event:	in	ches So	ource of preci	pitation data:					
15. Stormwa	ater Runoff V	olume, Pr	e-Construction Co	onditions:		CF	🗌 Calcu	ulations attached			
16. Stormwa	ater Runoff V	olume, Po	st-Construction C	Conditions:		CF	🗌 Calcu	ulations attached			
17. Net Cha	nge (Post-Co	onstructior	n – Pre-Construct	ion Volumes)	:	CF					
18. Identify a	18. Identify all selected structural PCSM BMPs and provide the information requested.										
DP No.	BMP ID	Series	Vol. Routed to BMP (CF)	Inf. Area (SF)	Inf. Rate (in/hr)	Inf. Period (hrs)	Veg?	Media Depth (ft)	Storage Vol. (CF)	Inf. Credit (CF)	ET Credit (CF)

Non-Structural BMP Volume Credits (CF) (Attach Calculations):

Managed Release Credits (CF) (Attach MRC Design Summary):

Volume Required to Reduce/Manage (CF):

	STORMWATER ANALYSIS – RUNOFF VOLUME										
Surface Wat	ter Name:	U.N.T. T (TRIB 0	O WALNUT CRE 9596)	EK	Discharge Point(s): 003						
19. 🗌 The	19. 🗌 The design standard is based on volume management requirements in an Act 167 Plan approved by DEP within the past five years.										
20. 🛛 The	design stand	ard is bas	ed on managing t	the net chang	ge for storms ເ	up to and inclu	ding the 2	2-year/24-hour st	torm.		
21. 🗌 An a	lternative de	sign stand	ard is being used								
22. 🛛 A pri	22. 🛛 A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.										
23. 2-Year/2	4-Hour Storr	n Event:	in	ches So	ource of precip	pitation data:					
24. Stormwa	ater Runoff V	olume, Pr	e-Construction Co	onditions:		CF	🗌 Calcu	lations attached			
25. Stormwa	ater Runoff V	olume, Po	st-Construction C	Conditions:		CF	🗌 Calcu	lations attached			
26. Net Cha	nge (Post-Co	onstructior	n – Pre-Constructi	ion Volumes)	:	CF					
27. Identify a	all selected s	tructural P	CSM BMPs and	provide the ir	nformation req	juested.	🗌 Calcı	lations attached			
DP No.	BMP ID	Series	Vol. Routed to BMP (CF)	Inf. Area (SF)	Inf. Rate (in/hr)	Inf. Period (hrs)	Veg?	Media Depth (ft)	Storage Vol. (CF)	Inf. Credit (CF)	ET Credit (CF)

Non-Structural BMP Volume Credits (CF) (Attach Calculations):

Managed Release Credits (CF) (Attach MRC Design Summary):

Volume Required to Reduce/Manage (CF):

	STORMWATER ANALYSIS – RUNOFF VOLUME										
Surface Wat	ter Name:	U.N.T. T (TRIB 0	O WALNUT CRE 9590) VIA WETL	EK AND	EK Discharge Point(s): 005 & 006						
28. 🗌 The	28. 🗌 The design standard is based on volume management requirements in an Act 167 Plan approved by DEP within the past five years.										
29. 🛛 The	design stand	ard is bas	ed on managing t	the net chang	ge for storms ເ	up to and inclu	ding the 2	2-year/24-hour st	torm.		
30. 🗌 An a	lternative de	sign stand	ard is being used								
31. 🛛 A pri	31. 🛛 A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.										
32. 2-Year/2	4-Hour Storr	n Event:	in	ches So	ource of precip	oitation data:					
33. Stormwa	ater Runoff V	olume, Pr	e-Construction Co	onditions:		CF	Calcu	ulations attached			
34. Stormwa	ater Runoff V	olume, Po	st-Construction C	Conditions:		CF	🗌 Calcu	ulations attached			
35. Net Cha	nge (Post-Co	onstructior	n – Pre-Constructi	ion Volumes)	:	CF					
36. Identify a	all selected s	tructural P	CSM BMPs and	provide the ir	nformation req	uested.	🗌 Calcı	ulations attached			
DP No.	BMP ID	Series	Vol. Routed to BMP (CF)	Inf. Area (SF)	Inf. Rate (in/hr)	Inf. Period (hrs)	Veg?	Media Depth (ft)	Storage Vol. (CF)	Inf. Credit (CF)	ET Credit (CF)

Non-Structural BMP Volume Credits (CF) (Attach Calculations):

Managed Release Credits (CF) (Attach MRC Design Summary):

Volume Required to Reduce/Manage (CF):

INFILTRATION INFORMATION								
BMP ID:	IP ID: BMP #1 Soil/geologic test results are attached.							
1. No. of i	infiltration tests completed: 3							
2. Method	d(s) used for infiltration testing: DOUBLE-RING INFIL	TROMETER						
3. Test Pi	it Identifiers (from PCSM Plan Drawings): IT-2, IT-3,	IT-4						
4. Avg Inf	filtration Rate: 4.57 in/hr	5. FOS: 2 : 1						
6. Infiltrati	ion rate used for design: 2.28	in/hr						
7. Separa	ation distance between the BMP bottom and bedrock:	>2.0 feet						
8. Separa	ation distance between the BMP bottom and seasonal h	high-water table: >2.0 feet						
9. Comme	ents: REFERENCE GEOTECHICAL ENGINEERING	G REPORT						

INFILTRATION INFORMATION								
BMP ID: BMP #2	Soil/geologic test results are attached.							
10. No. of infiltration tests completed: 2								
11. Method(s) used for infiltration testing: DOUBLE-RING INFILTF	ROMETER							
12. Test Pit Identifiers (from PCSM Plan Drawings): IT-1, IT-22								
13. Avg Infiltration Rate: 10.00 in/hr	14. FOS: 2 : 1							
15. Infiltration rate used for design: 5.00	in/hr							
16. Separation distance between the BMP bottom and bedrock:	•2.0 feet							
17. Separation distance between the BMP bottom and seasonal high	n-water table: >2.0 feet							
18. Comments: REFERENCE GEOTECHICAL ENGINEERING F	REPORT							

INFILTRATION INFORMATION

23. FOS:

in/hr

2

: 1

feet

BMP ID:	BMP #3
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Soil/geologic test results are attached.

19. No. of infiltration tests completed:

20. Method(s) used for infiltration testing: DOUBLE-RING INFILTROMETER

4

21. Test Pit Identifiers (from PCSM Plan Drawings): IT-5, IT-6, IT-7, IT-8

22. Avg Infiltration Rate: **4.57** in/hr

24. Infiltration rate used for design: 2.28

25. Separation distance between the BMP bottom and bedrock: >2.0 feet

26. Separation distance between the BMP bottom and seasonal high-water table: >2.0

27. Comments: **REFERENCE GEOTECHICAL ENGINEERING REPORT**

INFILTRATION INFORMATION								
BMP ID: BMP #6	Soil/geologic test results are attached.							
28. No. of infiltration tests completed: 2								
29. Method(s) used for infiltration testing: DOUBLE-RING INFILTROM	ETER							
30. Test Pit Identifiers (from PCSM Plan Drawings): IT 17, IT 18								
31. Avg Infiltration Rate: 5.40 in/hr 32.	FOS: 2 : 1							
33. Infiltration rate used for design: 2.70 in/h	۱r							
34. Separation distance between the BMP bottom and bedrock: >2.0	feet							
35. Separation distance between the BMP bottom and seasonal high-wa	ter table: >2.0 feet							
36. Comments: REFERENCE GEOTECHICAL ENGINEERING REPO	DRT							

	INFILTRATION INFORMATION								
BMP ID:	BMP #7	Soil/geologic test results are attached.							
1. No. c	of infiltration tests completed: 1								
2. Meth	nod(s) used for infiltration testing: DOUBLE-RING INFILT	ROMETER							
3. Test	Pit Identifiers (from PCSM Plan Drawings): TP-19								
4. Avg l	Infiltration Rate: 6.00 in/hr	5. FOS: 2 : 1							
6. Infiltr	ration rate used for design: 3.00	in/hr							
7. Sepa	aration distance between the BMP bottom and bedrock:	>2.0 feet							
8. Sepa	aration distance between the BMP bottom and seasonal hig	gh-water table: >2.0 feet							
9. Com	ments: REFERENCE GEOTECHICAL ENGINEERING	REPORT							

STORMWATER ANALYSIS – PEAK RATE								
Surface Water Name:	U.N.T TO	BEAVER CREEK (TRI	B 09452)	Disc	harge Poir	nt(s): 00 [.]	1	
1. 🗌 The design sta	andard is base	d on rate requirements	in an Act 167	Plan approv	ved by DEP	within the	past five ye	ars.
2. 🛛 The design sta	andard is base	d on managing the net o	change for 2-	-, 10-, 50-, ar	nd 100-year	/24-hour st	torms.	
3. 🗌 An alternative	design standa	rd is being used.						
4. X A printout of D	EP's PCSM S	preadsheet – Rate Wor	ksheet is atta	ached.				
5 🛛 Alternative rati	e calculations	are attached						
6 Identify precipitati		Source of procipit	ation data:					
2-Year/24-Hour St	torm: 2.90)	10-Yea	r/24-Hour St	orm	4.36		
50-Year/24-Hour S	Storm: 6.38	3	100-Ye	ar/24-Hour S	Storm	7.48		
7. Report peak disch	7. Report peak discharge rates, pre- and post-construction (without BMPs), based on a time of concentration analysis.							
Design Storm	Pre-Cons	truction Peak Rate (cfs)	Post-Con	struction Pe (cfs)	eak Rate	Di	fference (c	fs)
2-Year/24-Hour								
10-Year/24-Hour	DECEDEN							
50-Year/24-Hour	KEFEREN	CE FEAR DISCHARG			SECTION		KEPUKI - P	AGE 4
100-Year/24-Hour								
8. Identify all BMPs u	used to mitigat	e peak rate differences	and provide	the requeste	d informatio	on.		
BMP ID		Inflow to	BMP (cfs)		0	outflow from BMP (cfs)		
		2-Yr 10-Yr	50-Yr	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
REFERE	INCE "PEAK	DISCHARGE RATE DI	SCUSSION"	SECTION C	F PCSM R	EPORT - F	PAGE 4	
9. Report peak rates	for pre-constr	uction and post-constru	ction with BN	IPs and iden	tify the diffe	erences.		
Design Storm	Pre-Cons	truction Peak Rate (cfs)	Post-Con (wit	struction Pe th BMPs) (cf	eak Rate is)	Di	fference (c	fs)
2-Year/24-Hour								
10-Year/24-Hour	DEEEDEN			CUESION				
50-Year/24-Hour	KEFEKEN	CE PEAR DISCHARG		CUSSION"	SECTION	JF PC9M I	REPURI - H	AGE 4
100-Year/24-Hour]							

STORMWATER ANALYSIS – PEAK RATE								
Surface Water Name:	U.N.T TO	BEAVER CREEK (TRI	B 09468)	Disc	harge Poir	nt(s): 002	2	
10. 🗌 The design sta	10. 🔲 The design standard is based on rate requirements in an Act 167 Plan approved by DEP within the past five years.						ars.	
11. 🛛 The design sta	andard is base	d on managing the net	change for 2	-, 10-, 50-, ar	nd 100-yeai	r/24-hour st	torms.	
12. An alternative	design standa	rd is being used.						
13. 🛛 A printout of D	EP's PCSM S	preadsheet – Rate Wor	ksheet is atta	ached.				
14. X Alternative rate	e calculations	are attached.						
15 Identify precipitatio	on amounts	Source of precipit	ation data:	ΝΟΔΔ				
2 Voor/24 Hour St								
2-Year/24-Hour Si	ear/24-Hour Storm: 2.90 10-Year/24-Hour Storm 4.36							
50-Year/24-Hour S	Storm: 6.38	3	100-Ye	ar/24-Hour S	Storm	7.48		
16. Report peak discharge rates, pre- and post-construction (without BMPs), based on a time of concentration analysis.								
Design Storm	Pre-Construction Peak Rate (cfs) (cfs) Difference (cfs) Difference (cfs)				fs)			
2-Year/24-Hour	4-Hour							
10-Year/24-Hour								
50-Year/24-Hour	REFERENCE PEAR DISCHARGE RATE DISCUSSION SECTION OF PCSM REPORT - PAGE 4							
100-Year/24-Hour	100-Year/24-Hour							
17. Identify all BMPs used to mitigate peak rate differences and provide the requested information.								
BMP ID		Inflow to	BMP (cfs) Outf			Itflow from BMP (cfs))
		2-Yr 10-Yr	50-Yr	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4								
18. Report peak rates for pre-construction and post-construction with BMPs and identify the differences.								
Design Storm	Pre-Construction Peak Rate (cfs) Post-Construction Peak Rate (with BMPs) (cfs)			Di	Difference (cfs)			
2-Year/24-Hour								
10-Year/24-Hour	/24-Hour							
50-Year/24-Hour	50-Year/24-Hour						AUE 4	
100-Year/24-Hour	4-Hour							

STORMWATER ANALYSIS – PEAK RATE								
Surface Water Name:	U.N.T. TO	BEAVER CREEK (RIE	B 09470)	Disc	harge Poir	nt(s): 003	3	
19. 🗌 The design sta	19. 🔲 The design standard is based on rate requirements in an Act 167 Plan approved by DEP within the past five years.						ars.	
20. 🛛 The design sta	andard is base	d on managing the net o	change for 2-	-, 10-, 50-, ar	nd 100-yeai	r/24-hour st	torms.	
21. An alternative	design standa	rd is being used.						
22. 🛛 A printout of D	EP's PCSM S	preadsheet – Rate Wor	ksheet is atta	ached.				
23. X Alternative rate	e calculations	are attached.						
24 Identify precipitatio		Source of precipit:	ation data:	ΝΟΔΔ				
2-Year/24-Hour Si	ear/24-Hour Storm: 2.90 10-Year/24-Hour Storm 4.36							
50-Year/24-Hour Storm: 6.38 100-Year/24-Hour Storm 7.48								
25. Report peak disch	arge rates, pre	e- and post-construction	n (without BM	Ps), based c	on a time of	concentrat	ion analysis	6.
Design Storm	Pre-Construction Peak Rate (cfs) (cfs) Difference (cfs) Difference (cfs)					fs)		
2-Year/24-Hour	2-Year/24-Hour							
10-Year/24-Hour								
50-Year/24-Hour	REFERENCE FEAR DISCHARGE RATE DISCUSSION SECTION OF POSM REPORT - PAGE 4							
100-Year/24-Hour	ear/24-Hour							
26. Identify all BMPs used to mitigate peak rate differences and provide the requested information.								
BMP ID		Inflow to	o BMP (cfs) O			utflow from BMP (cfs))
		2-Yr 10-Yr	50-Yr	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4								
27. Report peak rates for pre-construction and post-construction with BMPs and identify the differences.								
Design Storm	Pre-Const	Pre-Construction Peak Rate (cfs) Post-Construction Peak Rate (with BMPs) (cfs)			Dit	Difference (cfs)		
2-Year/24-Hour								
10-Year/24-Hour	Year/24-Hour							
50-Year/24-Hour	50-Year/24-Hour						AUE 4	
100-Year/24-Hour	ar/24-Hour							

STORMWATER ANALYSIS – PEAK RATE								
Surface Water Name:	U.N.T TO WETLANE	WALNUT CREEK (1)	TRIB 09590) V	IA Disc	harge Poir	nt(s): 00	5 & 006	
28. 🗌 The design sta	ndard is base	d on rate requirements	in an Act 167 Pl	an approv	ved by DEP	within the	past five ye	ars.
29. 🛛 The design sta	ndard is base	d on managing the net	change for 2-, 10	0-, 50-, an	nd 100-year	/24-hour s	torms.	
30. 🗌 An alternative	design standa	rd is being used.						
31. 🛛 A printout of D	EP's PCSM S	preadsheet – Rate Wor	ksheet is attach	ed.				
32. 🛛 Alternative rate	e calculations	are attached.						
33. Identify precipitatio	on amounts.	Source of precipit	ation data: N	OAA				
2-Year/24-Hour St	2-Year/24-Hour Storm 2.90 10-Year/24-Hour Storm 4.36							
50-Year/24-Hour S	ar/24.Hour Storm: 6.38 100-Vear/24.Hour Storm 7.48							
34 Report peak disch	arge rates pre	- and post-construction	(without BMPs)) hased o	n a time of	concentral	tion analysis	
S4. Report peak discharge rates, pre- and post-construction (without DMPS), based on a time of concentration analysis.								
Design Storm	F16-00113	(cfs)	s) (cfs)			Di	Difference (cfs)	
2-Year/24-Hour	2-Year/24-Hour							
10-Year/24-Hour								
50-Year/24-Hour	REFERENCE FEAR DISCHARGE RATE DISCUSSION SECTION OF POSM REPORT - PAGE 4							
100-Year/24-Hour	Jr							
35. Identify all BMPs used to mitigate peak rate differences and provide the requested information.								
BMP ID		Inflow to	BMP (cfs) O			utflow from BMP (cfs)		
Divir 10		2-Yr 10-Yr	50-Yr 🥤	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4								
36. Report peak rates for pre-construction and post-construction with BMPs and identify the differences.								
Design Storm	Pre-Construction Peak Rate (cfs) Post-Construction Peak R (with BMPs) (cfs)		eak Rate s)	Difference (cfs)				
2-Year/24-Hour								
10-Year/24-Hour								
50-Year/24-Hour)-Year/24-Hour							
100-Year/24-Hour								

STORMWATER ANALYSIS – WATER QUALITY

A printout of DEP's PCSM Spreadsheet – Quality Worksheet is attached for all surface waters receiving discharges.

LONG-TERM O&M

Describe the long-term operation and maintenance (O&M) requirements for each selected PCSM BMP.

BMP ID

O&M Requirements

REFERENCE "OWNERSHIP AND MAINTENANCE OF STORMWATER / BMP FACILITES" SECTION ON SHEET SW 16.2 OF THE PCSM PLAN SET

PCSM PLAN DEVELOPER						
I am trained a	and experienced in PCSM methods.	🛛 I am a licen	I am a licensed professional.			
Name:	TODD STAGER, P.E.	Title:	PROFESSIONAL ENGINEER			
Company:	PENNONI ASSOCIATES INC	Phone No.:	717-975-6481			
Address:	5072 RITTER ROAD SUITE 102	Email:	TSTAGER@PENNONI.COM			
City, State, ZIP:	MECHANICSBURG, PA 17110	License No.:	PE052971E			
License Type:	PROFESSIONAL ENGINEER	Exp. Date	09/30/2023			
PC	SM Plan Developer Signature	12/12/2022 Date				