



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

Applicant:  
**PROLOGIS**

Project Site Name:  
**7464 & 7600 LINGLESTOWN ROAD SITE**

Surface Water Name(s):

- U.N.T TO BEAVER CREEK (TRIB 09452)**
- U.N.T TO BEAVER CREEK (TRIB 09452) VIA WETLAND**
- U.N.T TO BEAVER CREEK (TRIB 09468)**
- U.N.T TO WALNUT CREEK (TRIB 09596)**
- U.N.T TO WALNUT CREEK (TRIB 09590) VIA WETLAND**

Surface Water Use(s):

- NONE**
- NONE**
- NONE**
- NONE**
- NONE**

**PCSM PLAN INFORMATION**

1. Identify all structural and non-structural PCSM BMPs that have been selected and provide the information requested.

<b>Discharge Point(s)</b>	<b>BMP ID</b>	<b>BMP Name</b>	<b>BMP Manual</b>	<b>Latitude</b>	<b>Longitude</b>	<b>DA Treated (ac)</b>
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 refers 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.
- 6. Identify naturally occurring geologic formations or soil conditions that may have the potential to cause pollution after earth 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**

- 8.  The PCSM Plan has been planned, designed, and will be implemented to be consistent with the E&S Plan.
- 9.  A pre-development site characterization has been performed.

**STORMWATER ANALYSIS – RUNOFF VOLUME**

**Surface Water Name:** **U.N.T. TO BEAVER CREEK**  
**(TRIB 09452); U.N.T. TO BEAVER CREEK**  
**(TRIB 09452) VIA WETLAND**

**Discharge Point(s): 001; 004**

1.  The design standard is based on volume management requirements in an Act 167 Plan approved by DEP within the past five years.
2.  The design standard is based on managing the net change for storms up to and including the 2-year/24-hour storm.
3.  An alternative design standard is being used.
4.  A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.
5. 2-Year/24-Hour Storm Event: \_\_\_\_\_ inches Source of precipitation data: \_\_\_\_\_
6. Stormwater Runoff Volume, Pre-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
7. Stormwater Runoff Volume, Post-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
8. Net Change (Post-Construction – Pre-Construction Volumes): \_\_\_\_\_ CF
9. Identify all selected structural PCSM BMPs and provide the information requested.  Calculations 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)
							<input type="checkbox"/>				

**Total Infiltration & ET Credits (CF):**

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

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

**Volume Required to Reduce/Manage (CF):**

**Total Credits (CF):**

**STORMWATER ANALYSIS – RUNOFF VOLUME**

**Surface Water Name:** U.N.T. TO BEAVER CREEK (TRIB 09468) **Discharge Point(s):** 002

- 10.  The design standard is based on volume management requirements in an Act 167 Plan approved by DEP within the past five years.
- 11.  The design standard is based on managing the net change for storms up to and including the 2-year/24-hour storm.
- 12.  An alternative design standard is being used.
- 13.  A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.
- 14. 2-Year/24-Hour Storm Event: \_\_\_\_\_ inches Source of precipitation data: \_\_\_\_\_
- 15. Stormwater Runoff Volume, Pre-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
- 16. Stormwater Runoff Volume, Post-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
- 17. Net Change (Post-Construction – Pre-Construction Volumes): \_\_\_\_\_ CF
- 18. Identify all selected structural PCSM BMPs and provide the information requested.  Calculations 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)
							<input type="checkbox"/>				

**Total Infiltration & ET Credits (CF):**

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

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

**Volume Required to Reduce/Manage (CF):**

**Total Credits (CF):**

**STORMWATER ANALYSIS – RUNOFF VOLUME**

**Surface Water Name:** U.N.T. TO WALNUT CREEK  
(TRIB 09596) **Discharge Point(s):** 003

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 standard is based on managing the net change for storms up to and including the 2-year/24-hour storm.
21.  An alternative design standard is being used.
22.  A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.
23. 2-Year/24-Hour Storm Event: \_\_\_\_\_ inches Source of precipitation data: \_\_\_\_\_
24. Stormwater Runoff Volume, Pre-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
25. Stormwater Runoff Volume, Post-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
26. Net Change (Post-Construction – Pre-Construction Volumes): \_\_\_\_\_ CF
27. Identify all selected structural PCSM BMPs and provide the information requested.  Calculations 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)
							<input type="checkbox"/>				

**Total Infiltration & ET Credits (CF):**

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

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

**Volume Required to Reduce/Manage (CF):**

**Total Credits (CF):**

**STORMWATER ANALYSIS – RUNOFF VOLUME**

**Surface Water Name:** U.N.T. TO WALNUT CREEK  
(TRIB 09590) VIA WETLAND **Discharge Point(s):** 005 & 006

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 standard is based on managing the net change for storms up to and including the 2-year/24-hour storm.
30.  An alternative design standard is being used.
31.  A printout of DEP's PCSM Spreadsheet – Volume Worksheet is attached.
32. 2-Year/24-Hour Storm Event: \_\_\_\_\_ inches Source of precipitation data: \_\_\_\_\_
33. Stormwater Runoff Volume, Pre-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
34. Stormwater Runoff Volume, Post-Construction Conditions: \_\_\_\_\_ CF  Calculations attached
35. Net Change (Post-Construction – Pre-Construction Volumes): \_\_\_\_\_ CF
36. Identify all selected structural PCSM BMPs and provide the information requested.  Calculations 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)
							<input type="checkbox"/>				

**Total Infiltration & ET Credits (CF):**

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

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

**Volume Required to Reduce/Manage (CF):**

**Total Credits (CF):**

<b>INFILTRATION INFORMATION</b>	
<b>BMP ID: BMP #1</b>	<input checked="" type="checkbox"/> Soil/geologic test results are attached.
1. No. of infiltration tests completed:	<b>3</b>
2. Method(s) used for infiltration testing:	<b>DOUBLE-RING INFILTROMETER</b>
3. Test Pit Identifiers (from PCSM Plan Drawings):	<b>IT-2, IT-3, IT-4</b>
4. Avg Infiltration Rate:	<b>4.57</b> in/hr
5. FOS:	<b>2</b> : 1
6. Infiltration rate used for design:	<b>2.28</b> in/hr
7. Separation distance between the BMP bottom and bedrock:	<b>&gt;2.0</b> feet
8. Separation distance between the BMP bottom and seasonal high-water table:	<b>&gt;2.0</b> feet
9. Comments:	<b>REFERENCE GEOTECHICAL ENGINEERING REPORT</b>

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

<b>INFILTRATION INFORMATION</b>	
<b>BMP ID: BMP #3</b>	<input checked="" type="checkbox"/> Soil/geologic test results are attached.
19. No. of infiltration tests completed:	<b>4</b>
20. Method(s) used for infiltration testing:	<b>DOUBLE-RING INFILTROMETER</b>
21. Test Pit Identifiers (from PCSM Plan Drawings):	<b>IT-5, IT-6, IT-7, IT-8</b>
22. Avg Infiltration Rate: <b>4.57</b>	in/hr      23. FOS: <b>2</b> : 1
24. Infiltration rate used for design: <b>2.28</b>	in/hr
25. Separation distance between the BMP bottom and bedrock:	<b>&gt;2.0</b> feet
26. Separation distance between the BMP bottom and seasonal high-water table:	<b>&gt;2.0</b> feet
27. Comments:	<b>REFERENCE GEOTECHNICAL ENGINEERING REPORT</b>

<b>INFILTRATION INFORMATION</b>	
<b>BMP ID: BMP #6</b>	<input checked="" type="checkbox"/> Soil/geologic test results are attached.
28. No. of infiltration tests completed:	<b>2</b>
29. Method(s) used for infiltration testing:	<b>DOUBLE-RING INFILTROMETER</b>
30. Test Pit Identifiers (from PCSM Plan Drawings):	<b>IT 17, IT 18</b>
31. Avg Infiltration Rate: <b>5.40</b>	in/hr      32. FOS: <b>2</b> : 1
33. Infiltration rate used for design: <b>2.70</b>	in/hr
34. Separation distance between the BMP bottom and bedrock:	<b>&gt;2.0</b> feet
35. Separation distance between the BMP bottom and seasonal high-water table:	<b>&gt;2.0</b> feet
36. Comments:	<b>REFERENCE GEOTECHNICAL ENGINEERING REPORT</b>



INFILTRATION INFORMATION	
<b>BMP ID: BMP #7</b>	<input checked="" type="checkbox"/> Soil/geologic test results are attached.
1. No. of infiltration tests completed: <b>1</b>	
2. Method(s) used for infiltration testing: <b>DOUBLE-RING INFILTROMETER</b>	
3. Test Pit Identifiers (from PCSM Plan Drawings): <b>TP-19</b>	
4. Avg Infiltration Rate: <b>6.00</b> in/hr	5. FOS: <b>2</b> : 1
6. Infiltration rate used for design: <b>3.00</b> in/hr	
7. Separation distance between the BMP bottom and bedrock: <b>&gt;2.0</b> feet	
8. Separation distance between the BMP bottom and seasonal high-water table: <b>&gt;2.0</b> feet	
9. Comments: <b>REFERENCE GEOTECHICAL ENGINEERING REPORT</b>	

**STORMWATER ANALYSIS – PEAK RATE**

**Surface Water Name:** U.N.T TO BEAVER CREEK (TRIB 09452)      **Discharge Point(s):** 001

1.  The design standard is based on rate requirements in an Act 167 Plan approved by DEP within the past five years.
2.  The design standard is based on managing the net change for 2-, 10-, 50-, and 100-year/24-hour storms.
3.  An alternative design standard is being used.
4.  A printout of DEP's PCSM Spreadsheet – Rate Worksheet is attached.
5.  Alternative rate calculations are attached.

6. Identify precipitation amounts.      Source of precipitation data: NOAA

2-Year/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

7. Report peak discharge rates, pre- and post-construction (without BMPs), based on a time of concentration analysis.

Design Storm	Pre-Construction Peak Rate (cfs)	Post-Construction Peak Rate (cfs)	Difference (cfs)
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>		
10-Year/24-Hour			
50-Year/24-Hour			
100-Year/24-Hour			

8. Identify all BMPs used to mitigate peak rate differences and provide the requested information.

BMP ID	Inflow to BMP (cfs)				Outflow from BMP (cfs)			
	2-Yr	10-Yr	50-Yr	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>								

9. 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)	Difference (cfs)
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>		
10-Year/24-Hour			
50-Year/24-Hour			
100-Year/24-Hour			

STORMWATER ANALYSIS – PEAK RATE								
<b>Surface Water Name:</b> U.N.T TO BEAVER CREEK (TRIB 09468)			<b>Discharge Point(s):</b> 002					
10. <input type="checkbox"/> The design standard is based on rate requirements in an Act 167 Plan approved by DEP within the past five years.								
11. <input checked="" type="checkbox"/> The design standard is based on managing the net change for 2-, 10-, 50-, and 100-year/24-hour storms.								
12. <input type="checkbox"/> An alternative design standard is being used.								
13. <input checked="" type="checkbox"/> A printout of DEP's PCSM Spreadsheet – Rate Worksheet is attached.								
14. <input checked="" type="checkbox"/> Alternative rate calculations are attached.								
15. Identify precipitation amounts. Source of precipitation data: NOAA								
2-Year/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		
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)	Post-Construction Peak Rate (cfs)				Difference (cfs)		
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>							
10-Year/24-Hour								
50-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)				Outflow from BMP (cfs)			
	2-Yr	10-Yr	50-Yr	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>								
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)				Difference (cfs)		
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>							
10-Year/24-Hour								
50-Year/24-Hour								
100-Year/24-Hour								

**STORMWATER ANALYSIS – PEAK RATE**

**Surface Water Name:** U.N.T. TO BEAVER CREEK ( RIB 09470)      **Discharge Point(s):** 003

19.  The design standard is based on rate requirements in an Act 167 Plan approved by DEP within the past five years.

20.  The design standard is based on managing the net change for 2-, 10-, 50-, and 100-year/24-hour storms.

21.  An alternative design standard is being used.

22.  A printout of DEP's PCSM Spreadsheet – Rate Worksheet is attached.

23.  Alternative rate calculations are attached.

24. Identify precipitation amounts.      Source of precipitation data: NOAA

2-Year/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 discharge rates, pre- and post-construction (without BMPs), based on a time of concentration analysis.

Design Storm	Pre-Construction Peak Rate (cfs)	Post-Construction Peak Rate (cfs)	Difference (cfs)
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>		
10-Year/24-Hour			
50-Year/24-Hour			
100-Year/24-Hour			

26. Identify all BMPs used to mitigate peak rate differences and provide the requested information.

BMP ID	Inflow to BMP (cfs)				Outflow from BMP (cfs)			
	2-Yr	10-Yr	50-Yr	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>								

27. 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)	Difference (cfs)
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>		
10-Year/24-Hour			
50-Year/24-Hour			
100-Year/24-Hour			

STORMWATER ANALYSIS – PEAK RATE									
<b>Surface Water Name:</b>		<b>U.N.T TO WALNUT CREEK (TRIB 09590) VIA WETLAND</b>				<b>Discharge Point(s): 005 &amp; 006</b>			
28. <input type="checkbox"/> The design standard is based on rate requirements in an Act 167 Plan approved by DEP within the past five years.									
29. <input checked="" type="checkbox"/> The design standard is based on managing the net change for 2-, 10-, 50-, and 100-year/24-hour storms.									
30. <input type="checkbox"/> An alternative design standard is being used.									
31. <input checked="" type="checkbox"/> A printout of DEP's PCSM Spreadsheet – Rate Worksheet is attached.									
32. <input checked="" type="checkbox"/> Alternative rate calculations are attached.									
33. Identify precipitation amounts. Source of precipitation data: NOAA									
2-Year/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			
34. Report peak discharge rates, pre- and post-construction (without BMPs), based on a time of concentration analysis.									
Design Storm	Pre-Construction Peak Rate (cfs)			Post-Construction Peak Rate (cfs)			Difference (cfs)		
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>								
10-Year/24-Hour									
50-Year/24-Hour									
100-Year/24-Hour									
35. Identify all BMPs used to mitigate peak rate differences and provide the requested information.									
BMP ID		Inflow to BMP (cfs)				Outflow from BMP (cfs)			
		2-Yr	10-Yr	50-Yr	100-Yr	2-Yr	10-Yr	50-Yr	100-Yr
<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>									
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 Rate (with BMPs) (cfs)			Difference (cfs)		
2-Year/24-Hour	<b>REFERENCE "PEAK DISCHARGE RATE DISCUSSION" SECTION OF PCSM REPORT - PAGE 4</b>								
10-Year/24-Hour									
50-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 FACILITIES" SECTION ON SHEET SW 16.2 OF THE PCSM PLAN SET**

**PCSM PLAN DEVELOPER**

I am trained and experienced in PCSM methods.

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

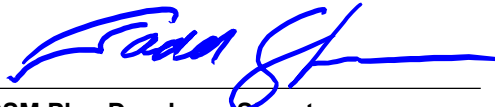
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Exp. Date: 09/30/2023



12/12/2022

PCSM Plan Developer Signature

Date