

10.2 SWPPP Operator/Contractor Certification

Operator/Contractor Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Steve Austin Title: Project Manager

Signature:  Date: 05-30-17

Company: Steve Austin Homes


Site: lot 12 Mollard Springs

10.1 SWPPP Owner Certification

Owner Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Steve Austin Title: Project Manager

Signature:  Date: 5-30-17

Company: Steve Austin Homes

Site: Lot 12 Mollard Springs

2.3 Construction Site Estimates

Note: The disturbed acreage listed on the NOI may be different from the disturbed acreage in the SWPPP. This may occur if the NOI is renewed during the project, where portions of the project have been completed. The correct acreage should be reflected on the NOI. If there is a large discrepancy, the SWPPP or NOI will need to be amended. The NOI can be amended by sending the changes to the Department of Environmental Quality Division of Water Quality.

The following are estimates of the [redacted] site:

Construction site area to be disturbed	8.49 Acres
Maximum area to be disturbed at any one time	8.49 Acres
Total project area	8.49 Acres
Percentage impervious area before construction	0 %
Runoff coefficient before construction	0.15
Percentage impervious area after construction	40 %
Runoff coefficient after construction	0.43
Rainfall Erosivity Factor R=	14.27

<http://water.epa.gov/polwaste/npdes/stormwater/Welcome-to-the-Rainfall-Erosivity-Factor-Calculator.cfm>

2.3 Construction Site Estimates

Instructions:

- Estimate the area to be disturbed by excavation, grading, or other construction activities, including dedicated off-site borrow and fill areas.
- Calculate the percentage of impervious surface area before and after construction
- Calculate the runoff coefficients before and after construction.
- For more information, see *SWPPP Guide*, Chapter 3.A and Appendix C.

The following are estimates of the construction site.

Total project area: .75acres
 Construction site area to be disturbed: .75acres
 Percentage impervious area before construction: 0%
 Runoff coefficient before construction: .0%
 Percentage impervious area after construction: .40%
 Runoff coefficient after construction: .43

2.4 Soils, Slopes, Vegetation, and Current Drainage Patterns

Instructions:

- Describe the existing soil conditions at the construction site including soil types, slopes and slope lengths, drainage patterns, and other topographic features that might affect erosion and sediment control.
- Also, note any historic site contamination evident from existing site features and known past usage of the site.
- This information should also be included on your site maps (See *SWPPP Guide*, Chapter 3.C.).
- For more information, see *SWPPP Guide*, Chapter 3.A.

Soil type(s):

Non expansive soil Pervious farm ground totally re vegetated

Slopes (describe current slopes and note any changes due to grading or fill activities):

Sloping toward Road at 3%

Drainage Patterns (describe current drainage patterns and note any changes dues to grading or fill activities):

Storm water runoff away from structure at not less that 2% and absorbing in to ground for remaining

Vegetation:

Other:

2.2 Nature and Sequence of Construction Activity

Nature of Construction Activity

Nature of Construction: Steve Austin Homes will be building residential homes at Pristine Gardens.
Residential/Lots owned: Grading, excavation for foundations, vertical construction of residential homes, and landscaping for final stabilization.

An UPDES NOI permit is required for the site because more than an acre will be disturbed.
BMPs for all the above activities will be applied to the site when necessary and monitored by the on-site inspector. Additional BMPs will be added if needed.

What is the function of the construction activity?

- Residential Commercial Industrial Road Construction
 Development
 Other (specify): _____

For residential construction BMPs for each lot will be installed prior to grading or the foundation being dug on that lot. The BMPs will be removed for each lot when that lot is stabilized or sold.

Start of Construction: 01/2017
Anticipated Completion Date: 01/2018