

## Appendix A: SWPPP Template – Utah

### Instructions

To help you develop the narrative section of your construction site SWPPP, the DWQ has modified the U.S Environmental Protection Agency (EPA) electronic SWPPP template to fit the needs of NOI applicants in Utah. The template is designed to help guide you through the SWPPP development process and help ensure that your SWPPP addresses all the necessary elements stated in your construction general permit. It may be helpful to use this template with EPA’s guidance on *Developing Your Stormwater Pollution Prevention Plan*. Both are available on EPA’s website at [www.epa.gov/npdes/swpppguide](http://www.epa.gov/npdes/swpppguide)

This template covers most of the SWPPP elements that the Utah construction general permit requires, however, you are strongly encouraged to customize this template. There are two major reasons to customize this template:

- **To reflect the terms and conditions of the State construction general permit; and**
- **To reflect the conditions at your site**

#### *Using the SWPPP Template*

Each section of this template includes “instructions” and space for project information. You should read the instructions for each section before you complete that section. This template was developed in Word so that you can easily add tables and additional text. Some sections may require only a brief description while others may require several pages of explanation.

#### *Tips for completing the SWPPP template*

- If there is more than one construction operator for your project, consider coordinating development of your SWPPP with the other operators.
- Multiple operators may share the same SWPPP, but make sure that responsibilities are clearly described.
- Modify this SWPPP template so that it addresses the requirements in your construction general permit and meets the needs of your project. Consider adding permit citations in the SWPPP when you address a specific permit requirement.

## Stormwater Pollution Prevention Plan

### for:

Standing Home  
4434 N 4150 E  
Eden, UT 84310

### Operator(s):

Nilson Homes  
Bruce Nilson  
5617 S 1475 E  
Ogden, UT 84403  
801-392-8100  
kirt@nilsonhomes.com

### SWPPP Contact(s):

Nilson Homes  
Kirt Merrill  
5617 S 1475 E  
Ogden, UT 84403  
801-392-8100  
kirt@nilsonhomes.com

### SWPPP Preparation Date:

8/19/2013

*Estimated Project Dates:*

**Project Start Date:** 8/25/2013  
**Project Completion Date:** 12/31/2013

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## SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING CERTIFICATION, AND SIGNATURE

### 1.1 Project/Site Information

**Instructions:**

- In this section, you can gather some basic site information that will be helpful to you later when you file for permit coverage.
- For more information, see *Developing Your Stormwater Pollution Prevention Plan: A SWPPP Guide for Construction Sites* (also known as the *SWPPP Guide*), Chapter 2
- Detailed information on determining your site's latitude and longitude can be found at [www.epa.gov/npdes/stormwater/latlong](http://www.epa.gov/npdes/stormwater/latlong)

Project/Site Name: Standing Residence

Project Street/Location: 4434 N 4150 E

City: Clinton City: Eden State: UT ZIP Code: 84310

County or Similar Subdivision: Weber CO

Latitude/Longitude (Use **one** of three possible formats, and specify method)

Latitude:

1. 41° 20' 22.52" N (degrees, minutes, seconds)

2. \_\_° \_\_' \_\_" N (degrees, minutes, decimal)

3. \_\_° (decimal)

Longitude:

1. 111° 50' 50.26" W (degrees, minutes, seconds)

2. \_\_° \_\_' \_\_" W (degrees, minutes, decimal)

3. \_\_° W (decimal)

Method for determining latitude/longitude:

USGS topographic map (specify scale: \_\_\_\_\_)

EPA Web site  GPS

Other (please specify): Google Earth

Is the project located in Indian country?  Yes  No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." \_\_\_\_\_

Is this project considered a federal facility?  Yes  No

UPDES project or permit tracking number\*: \_\_\_\_\_

*\*(This is the unique identifying number assigned to your project by your permitting authority after you have applied for coverage under the appropriate National Pollutant Discharge Elimination System (UPDES) construction general permit.)*

## 1.2 Contact Information/Responsible Parties

### Instructions:

- List the operator(s), project managers, stormwater contact(s), and person or organization that prepared the SWPPP. Indicate respective responsibilities, where appropriate.
- Also, list subcontractors expected to work on-site. Notify subcontractors of stormwater requirements applicable to their work.
- See *SWPPP Guide*, Chapter 2.B.

### Operator(s):

Insert Company or Organization Name: Nilson Homes  
Insert Name: Zack Morby  
Insert Address: 5617 s 1475 e  
Insert City, State, Zip Code: Ogden, UT 84403  
Insert Telephone Number: 801-668-8637  
Insert Fax/Email: kirt@nilsonhomes.com  
Insert area of control (if more than one operator at site):  
Repeat as necessary

### Project Manager(s) or Site Supervisor(s):

Insert Company or Organization Name: Nilson Homes  
Insert Name: Zack Morby  
Insert Address: 5617 s 1475 e  
Insert City, State, Zip Code: Ogden, UT 84403  
Insert Telephone Number: 801-668-8637  
Insert Fax/Email: kirt@nilsonhomes.com  
Insert area of control (if more than one operator at site):  
Repeat as necessary

### SWPPP Contact(s):

Insert Company or Organization Name: Nilson Homes  
Insert Name: Zack Morby  
Insert Address: 5617 s 1475 e  
Insert City, State, Zip Code: Ogden, UT 84403  
Insert Telephone Number: 801-668-8637  
Insert Fax/Email: kirt@nilsonhomes.com  
Insert area of control (if more than one operator at site):  
Repeat as necessary

**This SWPPP was Prepared by:**

Insert Company or Organization Name: Nilson Homes  
Insert Name: Kirt Merrill  
Insert Address: 5617 s 1475 e  
Insert City, State, Zip Code: Ogden, UT 84403  
Insert Telephone Number: 801-392-8100  
Insert Fax/Email: Kirt@NilsonHomes.com

**Subcontractor(s):**

Insert Company or Organization Name: n/a  
Insert Name:  
Insert Address:  
Insert City, State, Zip Code:  
Insert Telephone Number:  
Insert Fax/Email:  
Repeat as necessary

**Emergency 24-Hour Contact:**

**Nilson Homes:**  
Insert Name: Zack Morby  
Insert Telephone Number: 801-668-8637

### ***1.3 Nature and Sequence of Construction Activity***

**Instructions:**

- Briefly describe the nature of the construction activity and approximate time frames (one or more paragraphs, depending on the nature and complexity of the project).
- For more information, see *SWPPP Guide*, Chapter 3.A.

Describe the general scope of the work for the project, major phases of construction, etc:  
The construction project consists of the construction of 1 single family residence from foundation to finish grade and final C of O. The project from dig to close will be approximately 120 days. Excavation will start on or around 25 Aug 2013.

Major phases will include Excavation, Foundation, Backfill, Framing, 4 way, Drywall, Finish materials, Exterior, flatwork and final grade.

What is the function of the construction activity?

Residential    Commercial    Industrial    Road Construction    Linear Utility  
 Other (please specify):

Estimated Project Start Date:            12/18/2012

Estimated Project Completion Date:            05/30/2013

## **1.4   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): Sandy loom

Slopes (describe current slopes and note any changes due to grading or fill activities): Slopes are from back of lot at the NE corner to the front SW corner.

Drainage Patterns (describe current drainage patterns and note any changes dues to grading or fill activities): Drainage after completion will be similar to initial slopes and directions ending at the front of lot

Vegetation: Vegetation consists of weeds and field grass and sage. After construction, landscaping will be provided by the home owner.

Other:

## 1.5 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:                             | 4.43 acres  |
| Construction site area to be disturbed:         | .30 acres   |
| Percentage impervious area before construction: | 0 %   |
| Runoff coefficient before construction:         | .1%   |
| Percentage impervious area after construction:  | 16.7%   |
| Runoff coefficient after construction           | $C = \frac{(4.43 * .1) + (.085 * .9)}{4.43 + .085} = .1150$ |

## 1.6 Receiving Waters

### Instructions:

- List the waterbody(s) that would receive stormwater from your site, including streams, rivers, lakes, coastal waters, and wetlands. Describe each as clearly as possible, such as Big Cottonwood Creek, a tributary to the Jordan River, and so on.
- Indicate the location of all waters, including wetlands, on the site map.
- Note any stream crossings, if applicable.
- List the storm sewer system or drainage system that stormwater from your site could discharge to and the waterbody(s) that it ultimately discharges to.
- If any of the waterbodies above are impaired and/or subject to Total Maximum Daily Loads (TMDLs), please list the pollutants causing the impairment and any specific requirements in the TMDL(s) that are applicable to construction sites. Your SWPPP should specifically include measures to prevent the discharge of these pollutants.
- For more information, see *SWPPP Guide*, Chapter 3.A and 3.B.
- Also, for more information and a list of TMDL contacts and links by state, visit [www.epa.gov/npdes/stormwater/tmdl](http://www.epa.gov/npdes/stormwater/tmdl).

Description of receiving waters: Pine View

Description of unique features that are to be preserved: n/a

Describe measures to protect these features: n/a

Description of storm sewer systems: Collective

Description of impaired waters or waters subject to TMDLs: n/a

Other:

### **1.7 Site Features and Sensitive Areas to be Protected**

**Instructions:**

- Describe unique site features including streams, stream buffers, wetlands, specimen trees, natural vegetation, steep slopes, or highly erodible soils that are to be preserved.
- Describe measures to protect these features.
- Include these features and areas on your site maps.
- For more information, see *SWPPP Guide*, Chapter 3.A and 3.B.

### **1.8 Potential Sources of Pollution**

**Instructions:**

- Identify and list all potential sources of sediment, which may reasonably be expected to affect the quality of stormwater discharges from the construction site.
- Identify and list all potential sources of pollution, other than sediment, which may reasonably be expected to affect the quality of stormwater discharges from the construction site.
- For more information, see *SWPPP Guide*, Chapter 3.A.

Potential sources of sediment to stormwater runoff:

See table below

Potential pollutants and sources, other than sediment, to stormwater runoff:

See table below

| Construction Site Potential Pollutants    |                   |                  |              |    |              |                    |               |                 |
|---|-------------------|------------------|--------------|----|--------------|--------------------|---------------|-----------------|
| Areas of Consideration                    | Primary Pollutant | Other Pollutants |              |    |              |                    |               |                 |
|   | Sediment          | Nutrients        | heavy Metals | PH | Oil & Grease | Bacteria & viruses | Trash, debris | Other chemicals |
| Clearing, grading, excavating             | x                 |                  |              |    |              |                    | x             |                 |
| Concrete & washout                        | x                 |                  | x            | x  |              |                    |               |                 |
| Structure Construction/ painting/cleaning |                   | x                |              | x  |              |                    | x             | x               |
| Material delivery and storage             |                   |                  |              |    |              |                    |               |                 |
| Material use during build process         | x                 | x                | x            | x  | x            |                    | x             |                 |
| Solid waste (trash and debris)            |                   |                  |              |    |              |                    | x             |                 |
| Sanitary                                  |                   |                  |              |    |              | x                  |               |                 |

### 1.9 Endangered Species Certification

**Instructions:**

- Before beginning construction, determine whether endangered or threatened species or their critical habitats are on or near your site. For help to determine this you may wish to call the Dept of Natural Resources, Div. of Wildlife Resources at 801-538-4700 or call US Fish & Wildlife at 801-975-3330.
- Adapt this section as needed for state or tribal endangered species requirements and, if applicable, document any measures deemed necessary to protect endangered or threatened species or their critical habitats.
- For more information on this topic, see *SWPPP Guide*, Chapter 3.B.
- Additional information on Endangered Species Act (ESA) provisions is at [www.epa.gov/epaospr/etp/pubs/etp/guide/etp/guide.html](http://www.epa.gov/epaospr/etp/pubs/etp/guide/etp/guide.html)

Are endangered or threatened species and critical habitats on or near the project area?

Yes       No

Describe how this determination was made:

Walking the lot gave no indications of endangered or any other animal life which would be impacted by the construction of this home.

If yes, describe the species and/or critical habitat:

N/a



If yes, describe or refer to documentation that determines the likelihood of an impact on identified species and/or habitat and the steps taken to address that impact. (Note, if species are on or near your project site, EPA strongly recommends that the site operator work closely with the appropriate field office of the U.S. Fish and Wildlife Service or National Marine Fisheries Service. For concerns related to state or tribal listing of species, please contact a state or tribal official.)

n/a

### **1.10 Historic Preservation**

**Instructions:**

- Before you begin construction, you should review federal and any applicable state, local, or tribal historic preservation laws and determine if there are historic sites on or near your project. If so, you might need to make adjustments to your construction plans or to your stormwater controls to ensure that these historic sites are not damaged. For help with Utah Historic Property and Antiquities you may wish to call 801-533-3535.
- For more information, see *SWPPP Guide*, Chapter 3.B or contact your state or tribal historic preservation

Are there any historic sites on or near the construction site?

Yes       No

Describe how this determination was made:

This is an individual lot in a previously developed community

If yes, describe or refer to documentation that determines the likelihood of an impact on this historic site and the steps taken to address that impact.

n/a

### **1.11 Applicable Federal, Tribal, State or Local Programs**

**Instructions:**

- Note other applicable federal, tribal, state or local soil and erosion control and stormwater management requirements that apply to your construction site.

n/a



## 1.12 Maps

### Instructions:

- Attach site maps. For most projects, a series of site maps is recommended. The first should show the undeveloped site and its current features. An additional map or maps should be created to show the developed site or for more complicated sites show the major phases of development.

### These maps should include the following:

- Direction(s) of stormwater flow and approximate slopes before and after major grading activities;
- Areas and timing of soil disturbance;
- Areas that will not be disturbed;
- Natural features to be preserved;
- Locations of major structural and non-structural BMPs identified in the SWPPP;
- Locations and timing of stabilization measures;
- Locations of off-site material, waste, borrow, or equipment storage areas;
- Locations of all waters of the United States, including wetlands;
- Locations where stormwater discharges to a surface water;
- Locations of storm drain inlets; and
- Areas where final stabilization has been accomplished.
- For more information, see *SWPPP Guide*, Chapter 3.C.

Include the site maps with the SWPPP.

## SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

### Instructions:

- Describe the BMPs that will be implemented to control pollutants in stormwater discharges. For each major activity identified, do the following
  - ✓ Clearly describe appropriate control measures.
  - ✓ Describe the general sequence during the construction process in which the measures will be implemented.
  - ✓ Describe the maintenance and inspection procedures that will be used for that specific BMP.
  - ✓ Include protocols, thresholds, and schedules for cleaning, repairing, or replacing damaged or failing BMPs.
  - ✓ Identify staff responsible for maintaining BMPs.
  - ✓ (If your SWPPP is shared by multiple operators, indicate the operator responsible for each BMP.)
- Categorize each BMP under one of the following 10 areas of BMP activity as described below:
  - 2.1 Minimize disturbed area and protect natural features and soil**
  - 2.2 Phase Construction Activity**
  - 2.3 Control Stormwater flowing onto and through the project**
  - 2.4 Stabilize Soils**
  - 2.5 Protect Slopes**
  - 2.6 Protect Storm Drain Inlets**
  - 2.7 Establish Perimeter Controls and Sediment Barriers**
  - 2.8 Retain Sediment On-Site and Control Dewatering Practices**
  - 2.9 Establish Stabilized Construction Exits**
  - 2.10 Any Additional BMPs**
- Note the location of each BMP on your site map(s).
- For any structural BMPs, you should provide design specifications and details and refer to them. Attach them as appendices to the SWPPP or within the text of the SWPPP.
- For more information, see *SWPPP Guide*, Chapter 4.
- Consult your state's design manual or one of those listed in Appendix D of the *SWPPP Guide*.
- For more information or ideas on BMPs, see EPA's National Menu of BMPs  
<http://www.epa.gov/npdes/stormwater/menuofbmps>

### BMPs will include:

Concrete and trade cleanout pit to capture cleanout water

Vegetation barrier on sides and back of construction site.

### **2.1 Minimize Disturbed Area and Protect Natural Features and**

## Soil

### Instructions:

- Describe the areas that will be disturbed with each phase of construction and the methods (e.g., signs, fences) that you will use to protect those areas that should not be disturbed. Describe natural features identified earlier and how each will be protected during construction activity. Also describe how topsoil will be preserved. Include these areas and associated BMPs on your site map(s) also. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 1.)
- Also, see EPA's *Preserving Natural Vegetation BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/perserve\\_veg](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/perserve_veg)

It is a blank lot save weeds and field grasses. Efforts will be taken to disturb as little area as possible.

## 2.2 Phase Construction Activity

### Instructions:

- Describe the intended construction sequencing and timing of major activities, including any opportunities for phasing grading and stabilization activities to minimize the overall amount of disturbed soil that will be subject to potential erosion at one time. Also, describe opportunities for timing grading and stabilization so that all or a majority of the soil disturbance occurs during a time of year with less erosion potential (i.e., during the dry or less windy season). (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 2.) It might be useful to develop a separate, detailed site map for each phase of construction.
- Also, see EPA's *Construction Sequencing BMP Fact Sheet* at [http://www.epa.gov/npdes/stormwater/menuofbmps/construction/cons\\_seq](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/cons_seq)

- Phase I
  - Construction Phase
  - Start 8/25/2013 End 10/31/2013
  - BMPs will include rain water swales on each side of structure, a concrete and washout pit and silt bags around storm drains and in gutter and edge of job site lot. Park strip will be lowered 4" to catch front yard debris and water
- Phase II
  - Construction Grade Phase
  - Start 10/1/13 End 12/31/2013
  - Swales will be graded to channel water into back and side yards into grassy areas defined by home owner. Concrete and washout areas, front yard will be smoothed away from structure.

### 2.3 Control Stormwater Flowing onto and through the Project

|  |   |
|--|---|
| <b>BMP Description:</b> Concrete washout |   |
| <b>Installation Schedule:</b>            | Installed at dig  |
| <b>Maintenance and Inspection:</b>       | Pit and berm will be created at backfill for concrete pump and truck washout. Concrete will be removed at regular intervals to insure easy removal of materials and maintain proper depth of washout area |
| <b>Responsible Staff:</b>                | Zack Morby  |

### 2.4 Stabilize Soils

|  |
|--|
| <p><b>Instructions:</b></p> <ul style="list-style-type: none"> <li>– Describe controls (e.g., interim seeding with native vegetation, hydroseeding) to stabilize exposed soils where construction activities have temporarily or permanently ceased. Also describe measures to control dust generation. Avoid using impervious surfaces for stabilization whenever possible. (For more information, see <i>SWPPP Guide</i>, Chapter 4, ESC Principle 4.)</li> <li>– Also, see EPA's <i>Seeding BMP Fact Sheet</i> at <a href="http://www.epa.gov/npdes/stormwater/menuofbmps/construction/seeding">www.epa.gov/npdes/stormwater/menuofbmps/construction/seeding</a></li> </ul> |
|--|

|   |  |
|---|--|
| <b>BMP Description:</b>                   | <i>Vegetation and side yard swales</i>                       |
| <input type="checkbox"/> <b>Permanent</b> | <input checked="" type="checkbox"/> <b>Temporary</b>         |
| <b>Installation Schedule:</b>             | Upon backfill  |
| <b>Maintenance and Inspection:</b>        | Regular visits and within 48 hours of significant rain fall. |
| <b>Responsible Staff:</b>                 | Zack Morby   |

## 2.5 Protect Slopes

**Instructions:**

- Describe controls (e.g., erosion control blankets, tackifiers) including design specifications and details that will be implemented to protect all slopes. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 5.)
- Also, see EPA's *Geotextiles BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/geotextiles](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/geotextiles)

**BMP Description: Vegetation**

|                                    |                             |
|------------------------------------|-----------------------------|
| <b>Installation Schedule:</b>      | Keep on site from beginning |
| <b>Maintenance and Inspection:</b> |                             |
| <b>Responsible Staff:</b>          | Zack Morby                  |

## 2.6 Protect Storm Drain Inlets

**Instructions:**

- Describe controls (e.g., inserts, rock-filled bags, or block and gravel) including design specifications and details that will be implemented to protect all inlets receiving stormwater from the project during the entire project. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 6.)
- Also, see EPA's *Storm Drain Inlet Protection BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/storm\\_drain](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/storm_drain)

**BMP Description: Silt bags at edge of lot**

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <b>Installation Schedule:</b>      | Prior to dig                          |
| <b>Maintenance and Inspection:</b> | Upon each visit, bags will be checked |
| <b>Responsible Staff:</b>          | Zack Morby                            |

## 2.7 Establish Perimeter Controls and Sediment Barriers

**Instructions:**

- Describe structural practices (e.g., silt fences or fiber rolls) including design specifications and details to filter and trap sediment before it leaves the construction site. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 7.)
- Also see, EPA's *Silt Fence BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/silt\\_fences](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/silt_fences), or *Fiber Rolls BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/fiber\\_rolls](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/fiber_rolls)

**BMP Description:** *Perimeter controls consist of natural vegetation barrier around sides and back of construction site.*

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      | Installation occurs at dig   |
| <b>Maintenance and Inspection:</b> | Training of excavation company and other trades will occur at dig and throughout project to maintain buffer. |
| <b>Responsible Staff:</b>          | Zack Morby   |

## 2.8 Retain Sediment On-Site

**Instructions:**

- Describe sediment control practices (e.g., sediment trap or sediment basin), including design specifications and details (volume, dimensions, outlet structure) that will be implemented at the construction site to retain sediments on-site. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 8.)
- Also, see EPA's *Sediment Basin BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/sediment\\_basins](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/sediment_basins)

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |

Repeat as needed



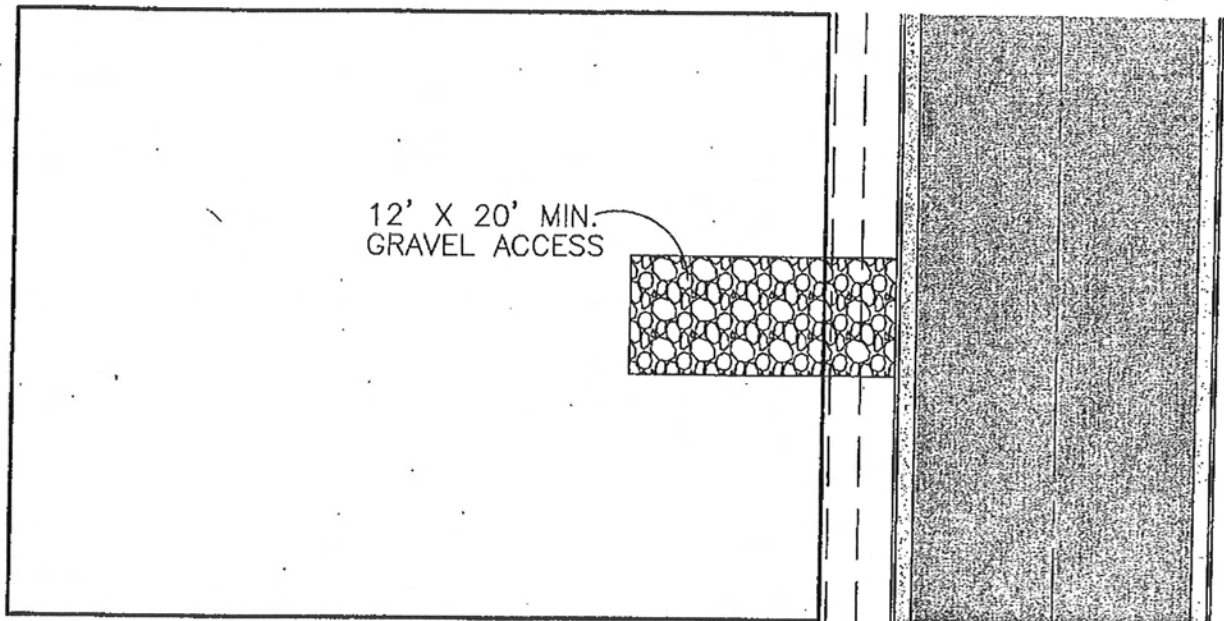
## 2.9 Establish Stabilized Construction Exits

**Instructions:**

- Describe location(s) of vehicle entrance(s) and exit(s), procedures to remove accumulated sediment off-site (e.g., vehicle tracking), and stabilization practices (e.g., stone pads or wash racks or both) to minimize off-site vehicle tracking of sediments and discharges to stormwater. (For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 9.)
- Also, see EPA's *Construction Entrances BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/cons\\_entrance](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/cons_entrance)

**BMP Description:** A gravel access will be created in the location of the future driveway.

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      | Backfill   |
| <b>Maintenance and Inspection:</b> | A gravel access in the driveway access point will be created to enable trucks to access the site without pulling dirt and sediment into the street. Inspection will happen weekly to ensure gravel is maintained in proper location and not drug into street and that dirt is not disturbing or clogging the gravel barrier. |
| <b>Responsible Staff:</b>          | Zack Morby   |



## Typical Lot Construction Access

Repeat as needed

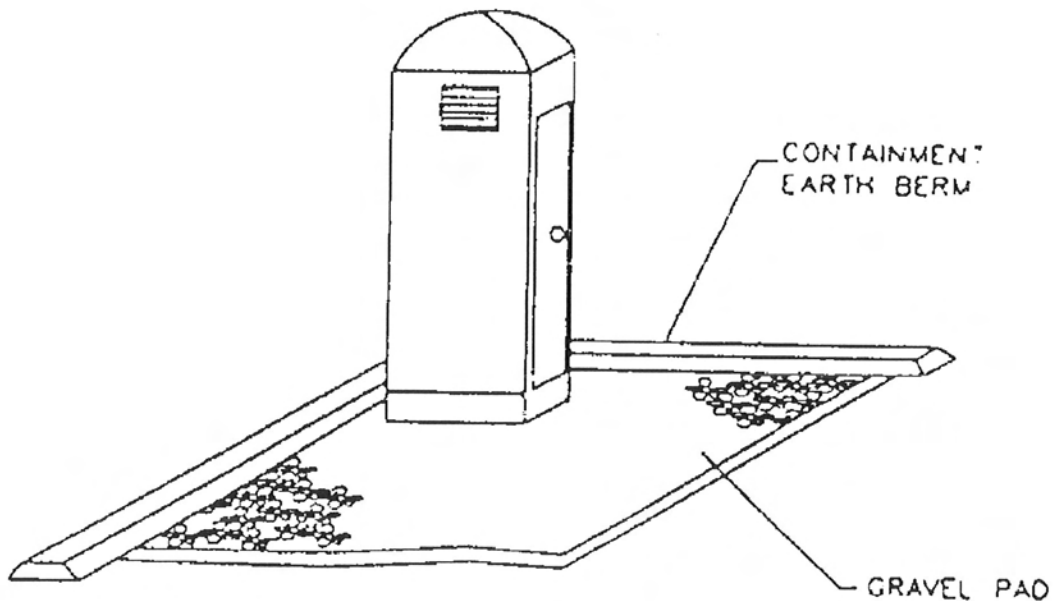
## 2.10 Additional BMPs

**Instructions:**

- Describe additional BMPs that do not fit into the above categories.

**BMP Description: Portable toilet**

|                                    |   |
|------------------------------------|---|
| <b>Installation Schedule:</b>      | Installed at dig  |
| <b>Maintenance and Inspection:</b> | Maintenance and inspection is done by licensed 3 <sup>rd</sup> party professional portable toilet supply company. Additional inspections to be done by Nilson Homes superintendent weekly. Installation to be 6' behind sidewalk. |
| <b>Responsible Staff:</b>          | 1 <sup>st</sup> – Third part professional supply and maintenance company,<br>2 <sup>nd</sup> – Nilson superintendent.   |





## SECTION 3: GOOD HOUSEKEEPING BMPS

**Instructions:**

- Describe the key good housekeeping and pollution prevention (P2) BMPs that will be implemented to control pollutants in stormwater.
- Categorize each good housekeeping and pollution prevention (P2) BMP under one of the following seven categories:
  - 3.1 Material Handling and Waste Management**
  - 3.2 Establish Proper Building Material Staging Areas**
  - 3.3 Designate Washout Areas**
  - 3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices**
  - 3.5 Allowable Non-Stormwater Discharges and Control Equipment/Vehicle Washing**
  - 3.6 Spill Prevention and Control Plan**
  - 3.7 Any Additional BMPs**
- For more information, see *SWPPP Guide*, Chapter 5.
- Consult your state's design manual or resources in Appendix D of the *SWPPP Guide*.
- For more information or ideas on BMPs, see EPA's National Menu of BMPs  
<http://www.epa.gov/npdes/stormwater/menuofbmps>

### 3.1 Material Handling and Waste Management

**Instructions:**

- Describe measures (e.g., trash disposal, sanitary wastes, recycling, and proper material handling) to prevent the discharge of solid materials to receiving waters, except as authorized by a permit issued under section 404 of the CWA (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 1.)
- Also, see EPA's *General Construction Site Waste Management BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/cons\\_wasteman](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/cons_wasteman)

**BMP Description: Dumpster**

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      | Dumpsters will be provided after backfill and at beginning of Framing  |
| <b>Maintenance and Inspection:</b> | Dumpsters will be inspected weekly or each time the superintendent is on site to ensure it is not beyond capacity and will be emptied as needed. It will be delivered and maintained by a 3 <sup>rd</sup> party professional licensed company. |
| <b>Responsible Staff:</b>          | Zack Morby   |

Repeat as needed

### 3.2 Establish Proper Building Material Staging Areas

**Instructions:**

- Describe construction materials expected to be stored on-site and procedures for storage of materials to minimize exposure of the materials to stormwater. (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 2.)

**BMP Description:** A designated staging are will be provided on the front of the lot behind the sidewalk. Refer to map

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      | A staging area will be identified before framing.  |
| <b>Maintenance and Inspection:</b> | Materials will be placed behind the sidewalk in front of the jobsite. Inspections for orderliness and cleanliness will be done weekly at minimum and more as the superintendent walks the site every few days. |
| <b>Responsible Staff:</b>          | Zack Morby.  |

Repeat as needed

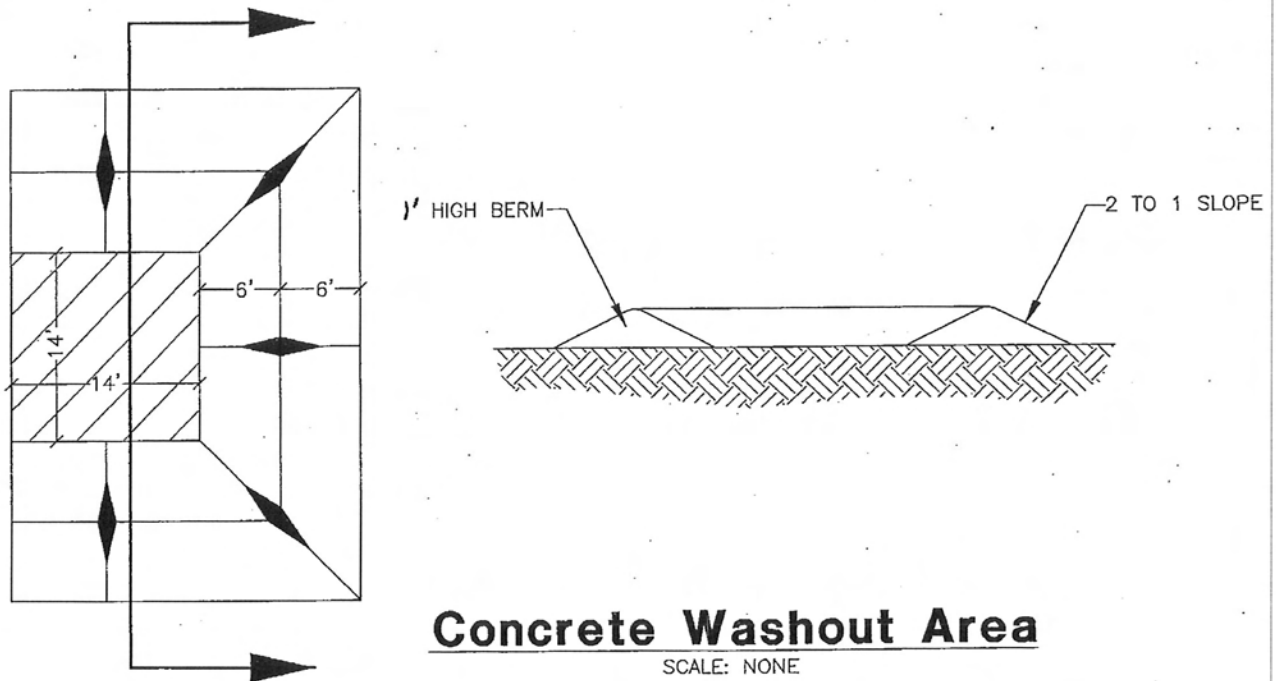
### 3.3 Designate Washout Areas

**Instructions:**

- Describe location(s) and controls to eliminate the potential for discharges from washout areas for concrete mixers, paint, stucco, and so on. (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 3.)
- Also, see EPA's *Concrete Washout BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/concrete\\_wash](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/concrete_wash)

**BMP Description:** Concrete washout area

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      | Installed at dig   |
| <b>Maintenance and Inspection:</b> | Pit and berm will be created at dig for concrete pump and truck washout. Concrete will be removed at regular intervals to insure easy removal of materials and maintain proper depth of washout area |
| <b>Responsible Staff:</b>          | Zack Morby   |



Repeat as needed

### 3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

**Instructions:**

- Describe equipment/vehicle fueling and maintenance practices that will be implemented to control pollutants to stormwater (e.g., secondary containment, drip pans, and spill kits) (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 4.)
- Also, see EPA's *Vehicle Maintenance and Washing Areas BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/vehicile\\_maintain](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/vehicile_maintain)

**BMP Description:** *Not on this site*

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      |  |
| <b>Maintenance and Inspection:</b> |  |
| <b>Responsible Staff:</b>          |  |

Repeat as needed

### 3.5 Control Equipment/Vehicle Washing

**Instructions:**

- Describe equipment/vehicle washing practices that will be implemented to control pollutants to stormwater. (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 5.)
- Also, see EPA's *Vehicle Maintenance and Washing Areas BMP Fact Sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/vehicile\\_maintain](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/vehicile_maintain)

***BMP Description: Not to be done on this site***

|   |  |
|---|--|
| <b><i>Installation Schedule:</i></b>      |  |
| <b><i>Maintenance and Inspection:</i></b> |  |
| <b><i>Responsible Staff:</i></b>          |  |

Repeat as needed

### 3.6 Spill Prevention and Control Plan

**Instructions:**

- Describe the spill prevention and control plan to include ways to reduce the chance of spills, stop the source of spills, contain and clean up spills, dispose of materials contaminated by spills, and train personnel responsible for spill prevention and control. (For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 6.)
- Also, see EPA's *Spill Prevention and Control Plan BMP Fact sheet* at [www.epa.gov/npdes/stormwater/menuofbmps/construction/spill\\_control](http://www.epa.gov/npdes/stormwater/menuofbmps/construction/spill_control)

Spills rarely occur on single home job site unless a delivery truck loses hydraulic fluid or breaks down. In these cases the superintendent will carry with him in his truck kitty litter to clean up leaks or spills. The super will contact city officials responsible for swppp immediately as needed. Nilson Homes trade partners are also licensed and insured to help remediate any issue which may arise.

### 3.7 Any Additional BMPs

**Instructions:**

- Describe any additional BMPs that do not fit into the above categories. Indicate the problem they are intended to address.

***BMP Description: Not Applicable***

|   |  |
|---|--|
| <b><i>Installation Schedule:</i></b>      |  |
| <b><i>Maintenance and Inspection:</i></b> |  |
| <b><i>Responsible Staff:</i></b>          |  |

***BMP Description:***

|   |  |
|---|--|
| <b><i>Installation Schedule:</i></b>      |  |
| <b><i>Maintenance and Inspection:</i></b> |  |
| <b><i>Responsible Staff:</i></b>          |  |

Repeat as needed

### 3.8 Allowable Non-Stormwater Discharge Management

**Instructions:**

- Identify all allowable sources of non-stormwater discharges that are not identified. The allowable non-stormwater discharges identified might include the following (see your permit for an exact list):
  - ✓ Waters used to wash vehicles where detergents are not used
  - ✓ Water used to control dust
  - ✓ Potable water including uncontaminated water line flushings
  - ✓ Routine external building wash down that does not use detergents
  - ✓ Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used
  - ✓ Uncontaminated air conditioning or compressor condensate
  - ✓ Uncontaminated ground water or spring water
  - ✓ Foundation or footing drains where flows are not contaminated with process materials such as solvents
  - ✓ Uncontaminated excavation dewatering
  - ✓ Landscape irrigation
- Identify measures used to eliminate or reduce these discharges and the BMPs used to prevent them from becoming contaminated.
- For more information, see *SWPPP Guide*, Chapter 3.A.

List allowable non-stormwater discharges and the measures used to eliminate or reduce them and to prevent them from becoming contaminated:

**BMP Description: Not applicable**

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      |  |
| <b>Maintenance and Inspection:</b> |  |
| <b>Responsible Staff:</b>          |  |

**BMP Description:**

|                                    |  |
|------------------------------------|--|
| <b>Installation Schedule:</b>      |  |
| <b>Maintenance and Inspection:</b> |  |
| <b>Responsible Staff:</b>          |  |

Repeat as needed



## SECTION 4: SELECTING POST-CONSTRUCTION BMPs

**Instructions:**

- Describe all post-construction stormwater management measures that will be installed during the construction process to control pollutants in stormwater discharges after construction operations have been completed. Examples of post-construction BMPs include the following:
  - ✓ Biofilters
  - ✓ Detention/retention devices
  - ✓ Earth dikes, drainage swales, and lined ditches
  - ✓ Infiltration basins
  - ✓ Porous pavement
  - ✓ Other proprietary permanent structural BMPs
  - ✓ Outlet protection/velocity dissipation devices
  - ✓ Slope protection
  - ✓ Vegetated strips and/or swales
- Identify any applicable federal, state, local, or tribal requirements for design or installation.
- Describe how low-impact designs or smart growth considerations have been incorporated into the design.
- For any structural BMPs, you should have design specifications and details and refer to them. Attach them as appendices to the SWPPP or within the text of the SWPPP.
- For more information on this topic, see your state’s stormwater manual.
- You might also want to consult one of the references listed in Appendix D of the *SWPPP Guide*.
- Visit the post-construction section of EPA’s Menu of BMPs at: [www.epa.gov/npes/menuofbmps](http://www.epa.gov/npes/menuofbmps)

***BMP Description: Vegetation barrier***

|   |  |
|---|--|
| <b><i>Installation Schedule:</i></b>      | At dig   |
| <b><i>Maintenance and Inspection:</i></b> | Training of excavation company and other trades will occur at dig and throughout project to maintain buffer. Refer to map as to location |
| <b><i>Responsible Staff:</i></b>          | Zack Morby   |

Repeat as needed

## SECTION 5: INSPECTIONS

### 5.1 *Inspections*

**Instructions:**

- Identify the individual(s) responsible for conducting inspections and describe their qualifications. Reference or attach the inspection form that will be used.
- Describe the frequency that inspections will occur at your site including any correlations to storm frequency and intensity.
- Note that inspection details for particular BMPs should be included in Sections 2 and 3.
- You should also document the repairs and maintenance that you undertake as a result of your inspections. These actions can be documented in the corrective action log described in Part 5.3 below.
- For more on this topic, see *SWPPP Guide*, Chapters 6 and 8.
- Also, see suggested inspection form in Appendix B of the *SWPPP Guide*.

#### **1. *Inspection Personnel: Neldon Higgs***

#### **2. *Inspection Schedule and Procedures:***

Daily and weekly inspections when on the job site as the superintendent walks the site. If the designated superintendent is out for more than a week, the responsibilities will be designated to the assistant superintendent.

Neldon will be responsible for placement, maintenance and repair of all BMPs

Attach a copy of the inspection report you will use for your site.  
REFERENCE ATTACHMENT



## 5.2 Delegation of Authority

**Instructions:**

- Identify the individual(s) or specifically describe the position where the construction site operator has delegated authority for the purposes of signing inspection reports, certifications, or other information.
- Attach the delegation of authority form that will be used.
- For more on this topic, see *SWPPP Guide*, Chapter 7.

**Duly Authorized Representative(s) or Position(s):**

Insert Company or Organization Name: Nilson Homes

Insert Name: Kirt Merrill

Insert Position: Zack Morby

Insert Address: 5617 s 1475 e

Insert City, State, Zip Code: Ogden, UT 84403

Insert Telephone Number: 801-392-8100

Insert Fax/Email: Kirt@nilsonhomes.com

When Zack is out of town.

Attach a copy of the signed delegation of authority form in Appendix K.

## 5.3 Corrective Action Log

**Instructions:**

- Create here, or as an attachment, a corrective action log. This log should describe repair, replacement, and maintenance of BMPs undertaken as a result of the inspections and maintenance procedures described above. Actions related to the findings of inspections should reference the specific inspection report.
- This log should describe actions taken, date completed, and note the person that completed the work.

Corrective Action Log:

INSERT LOG HERE or REFERENCE ATTACHMENT

## SECTION 6: RECORDKEEPING AND TRAINING

### 6.1 Recordkeeping

**Instructions:**

- The following is a list of records you should keep at your project site available for inspectors to review:
- Dates of grading, construction activity, and stabilization (which is covered in Sections 2 and 3)
- A copy of the construction general permit (attach)
- The signed and certified NOI form or permit application form (attach)
- A copy of the letter from EPA or/the state notifying you of their receipt of your complete NOI/application (attach)
- Inspection reports (attach)
- Records relating to endangered species and historic preservation (attach)
- Check your permit for additional details
- For more on this subject, see *SWPPP Guide*, Chapter 6.C.

Records will be retained for a minimum period of at least 3 years after the permit is terminated.

Date(s) when major grading activities occur:

Weekly and or after a major rain event of 1/2 “ or greater

Date(s) when construction activities temporarily or permanently cease on a portion of the site:

Completion of project is projected to be May 30 2013

### 6.2 Log of Changes to the SWPPP

**Instructions:**

- Create a log here, or as an attachment, of changes and updates to the SWPPP. You should include additions of new BMPs, replacement of failed BMPs, significant changes in the activities or their timing on the project, changes in personnel, changes in inspection and maintenance procedures, updates to site maps, and so on.

Log of changes and updates to the SWPPP

REFERENCE ATTACHMENT

### **6.3 Training**

**Instructions:**

- Training your staff and subcontractors is an effective BMP. As with the other steps you take to prevent stormwater problems at your site, you should document the training that you conduct for your staff, for those with specific stormwater responsibilities (e.g. installing, inspecting, and maintaining BMPs), and for subcontractors.
- Include dates, number of attendees, subjects covered, and length of training.
- For more on this subject, see *SWPPP Guide*, Chapter 8.

**Individual(s) Responsible for Training:**

Kirt Merrill will train superintendent and assistant superintendent on SWPPP BMPs and responsibilities.

## SECTION 7: FINAL STABILIZATION

**Instructions:**

- Describe procedures for final stabilization. If you complete major construction activities on part of your site, you can document your final stabilization efforts for that portion of the site. Many permits will allow you to then discontinue inspection activities in these areas (be sure to check your permit for exact requirements). You can amend or add to this section as areas of your project are finally stabilized.
- Update your site plans to indicate areas that have achieved final stabilization.
- Note that dates for areas that have achieved final stabilization should be included in Section 6, Part 6.1 of this SWPPP.
- For more on this topic, see *SWPPP Guide*, Chapter 9.

***BMP Description: Swale on side yards.***

|   |             |
|---|-------------|
| <b><i>Installation Schedule:</i></b>      | Final Grade |
| <b><i>Maintenance and Inspection:</i></b> |             |
| <b><i>Responsible Staff:</i></b>          | Zack Morby  |

***BMP Description:***

|   |  |
|---|--|
| <b><i>Installation Schedule:</i></b>      |  |
| <b><i>Maintenance and Inspection:</i></b> |  |
| <b><i>Responsible Staff:</i></b>          |  |

Repeat as needed


## SECTION 8: CERTIFICATION AND NOTIFICATION

**Instructions:**

- The SWPPP should be signed and certified by the construction operator(s). Attach a copy of the NOI and a copy of the General Storm Water Permit for Construction Activity. You can get a copy of the General Storm Water Permit for Construction Activity on the same web page that this template was obtained ([www.waterquality.utah.gov/UPDES/stormwatercon.htm](http://www.waterquality.utah.gov/UPDES/stormwatercon.htm))

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: Kirt Merrill Title: Dir of Produciton

Signature:  Date: 19 Aug 2013

Repeat as needed for multiple construction operators at the site

## **SWPPP APPENDICES**

Attach the following documentation to the SWPPP:

***Appendix A – General Location Map***

***Appendix B – Site Maps***

***Appendix C – Construction General Permit***

***Appendix D – NOI and Acknowledgement Letter from EPA/State***

***Appendix E – Inspection Reports***

***Appendix F – Corrective Action Log (or in Part 5.3)***

***Appendix G – SWPPP Amendment Log (or in Part 6.2)***

***Appendix H – Subcontractor Certifications/Agreements***

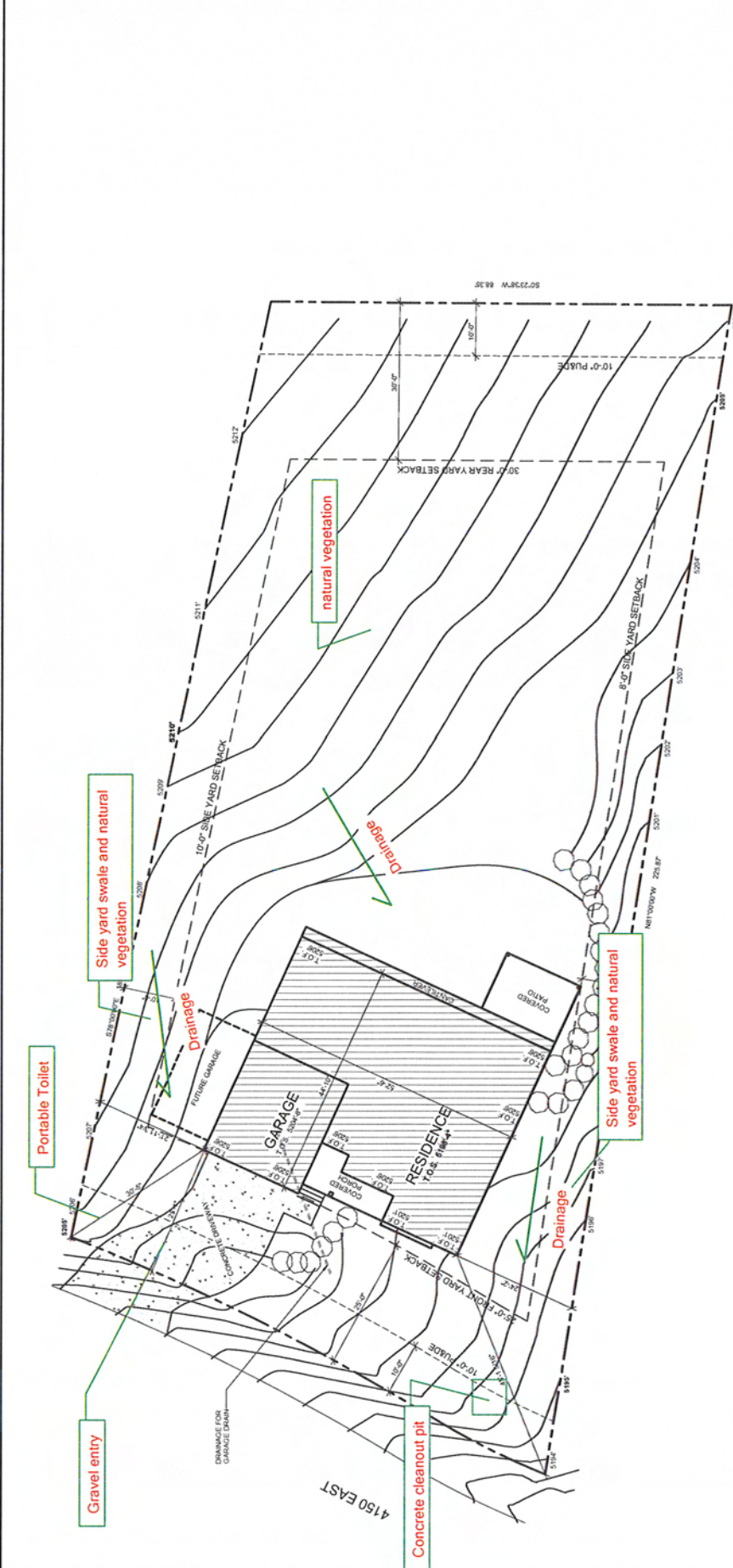
***Appendix I – Grading and Stabilization Activities Log (or in Part 6.1)***

***Appendix J – Training Log***

***Appendix K – Delegation of Authority***

***Appendix L – Additional Information (i.e., Endangered Species and Historic Preservation Documentation)***



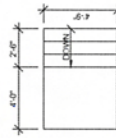


**Buyer Acknowledgment**

(A) We, the undersigned buyers have examined the Plans and Specifications and accept them as an accurate representation of Residence to be built by Nilson Homes. Buyers also acknowledge that Nilson Homes may, in its discretion, make alterations to the plans and specifications. Any such alterations may include but shall not necessarily be limited to dimensions of the home or any part thereof, ceiling sizes, going to another level of the Residence, or the location of HVAC components, electrical outlets and panels. Given the unique nature of each Lot, elevations may differ materially from that representation set forth in an elevation drawing. Ultimately, the floor plan will determine the elevation and Nilson Homes may, in its election, change elevations as necessary to accommodate the floor plan construction. Nilson Homes shall not be responsible for any changes or modifications throughout the construction process to make reasonable changes as may be required to accommodate for Lot characteristics or the requirements of any governmental regulations or building codes; and

(B) Buyers acknowledge that each residence is unique and is not intended to be a duplicate, in whole or in part, of any model home or other home constructed by Nilson Homes. Model homes advertising brochures and/or displays are for illustrative purposes only. The actual structure, materials, colors, and finishes of the actual residence are to be expedient. Except as specifically set forth in addendum "A", specific details of decor, such as landscaping, patios, decks, pool, exterior treatments, draperies or upgraded floor covering are not included.

**SITE PLAN - LOT 17 SHEEP CREEK**  
 18,751 S.F. (.43 ACRES)  
 Scale 1"=17'-0"  
 Scale 24"=36'-0"  
 Scale 1/4"=1'-0"



NOTES  
 -RISER HEIGHT NOT TO EXCEED 7.5"

**CONCRETE STAIR DETAIL**  
 1  
 Scale 11"X17"=1'-0"  
 Scale 24"X36"=1/4"=1'-0"

Buyer \_\_\_\_\_ Date \_\_\_\_\_

Buyer \_\_\_\_\_ Date \_\_\_\_\_

# Corrective Action Log

**Project Name:**  
**SWPPP Contact:**

| <b>Inspection Date</b> | <b>Inspector Name(s)</b> | <b>Description of BMP Deficiency</b> | <b>Corrective Action Needed (including planned date/responsible person)</b> | <b>Date Action Taken/Responsible Person</b> |
|------------------------|--------------------------|--------------------------------------|---|---|
|                        |                          |                                      |   |   |
|                        |                          |                                      |   |   |
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## Appendix G – SWPPP Amendment Log

**Project Name:**  
**SWPPP Contact:**

| Amendment No. | Description of the Amendment | Date of Amendment | Amendment Prepared by<br>[Name(s) and Title] |
|---------------|------------------------------|-------------------|--|
|               |                              |                   |  |
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|               |                              |                   |  |

## Appendix H – Subcontractor Certifications/Agreements

### SUBCONTRACTOR CERTIFICATION STORMWATER POLLUTION PREVENTION PLAN

Project Number: \_\_\_\_\_

Project Title: \_\_\_\_\_

Operator(s): \_\_\_\_\_

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

**I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the BMPs and practices described in the SWPPP.**

This certification is hereby signed in reference to the above named project:

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Type of construction service to be provided: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## Appendix I –Grading and Stabilization Activities Log

Project Name:  
SWPPP Contact:

| Date Grading Activity Initiated | Description of Grading Activity | Date Grading Activity Ceased (Indicate Temporary or Permanent) | Date When Stabilization Measures are Initiated | Description of Stabilization Measure and Location |
|---------------------------------|---------------------------------|--|--|---|
|                                 |                                 |  |  |   |
|                                 |                                 |  |  |   |
|                                 |                                 |  |  |   |
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|                                 |                                 |  |  |   |
|                                 |                                 |  |  |   |

## Appendix J – SWPPP Training Log

### Stormwater Pollution Prevention Training Log

Project Name: \_\_\_\_\_

Project Location: \_\_\_\_\_

Instructor's Name(s): \_\_\_\_\_

Instructor's Title(s): \_\_\_\_\_

Course Location: \_\_\_\_\_ Date: \_\_\_\_\_

Course Length (hours): \_\_\_\_\_

Stormwater Training Topic: *(check as appropriate)*

- Erosion Control BMPs       Emergency Procedures  
 Sediment Control BMPs       Good Housekeeping BMPs  
 Non-Stormwater BMPs

Specific Training Objective: \_\_\_\_\_  
\_\_\_\_\_

Attendee Roster: *(attach additional pages as necessary)*

| No. | Name of Attendee | Company |
|-----|------------------|---------|
| 1   |                  |         |
| 2   |                  |         |
| 3   |                  |         |
| 4   |                  |         |
| 5   |                  |         |
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## Appendix K – Delegation of Authority Form

### Delegation of Authority

I, \_\_\_\_\_ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the \_\_\_\_\_ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

\_\_\_\_\_ (name of person or position)  
\_\_\_\_\_ (company)  
\_\_\_\_\_ (address)  
\_\_\_\_\_ (city, state, zip)  
\_\_\_\_\_ (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in \_\_\_\_\_ (Reference State Permit), and that the designee above meets the definition of a “duly authorized representative” as set forth in \_\_\_\_\_ (Reference State Permit).

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:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_