# Common Plan SWPPP for Lot 16 Mallard Springs

3991 W 2475 S

Taylor, Utah 84401

# **Owner/Contractor Street Address**

Nicklaus R. Despain 2007 N 4900 W Plain City, Utah 84401

# **Contractor Name (if not the same as Owner)**

**Copper Creek Builders** 

P.O. Box 12692 Ogden, Utah 84412-7696

Date

9/19/2019



| 1. Pr                          | oject Information   |  |  |
|--------------------------------|---|--|--|
| Addres City: Ta Latitud Longit | t Name: Mallard Springs Lot 16<br>ss: 3991 W 2475 S<br>aylor<br>de: 41Deg. 13.2906 Minutes<br>ude: -12Degrees 4.593000 Minutes<br>Fermit Tracking Number: 801 452-1897  | State: UT  | <b>Zip:</b> 84401                              |
| Contac                         | :: Nicklaus R Despain & Taralynn M Despain ct Person: Nicklaus Despain ss: 2007 N 4900 W  |  |  |
| Teleph                         | lain City<br>none Number: 801 452-1897<br>Address:  | State: Utah  | <b>Zip:</b> 84404                              |
| Contact Address City: O        | al Contractor: Copper Creek Builders ct Person: Brad Garrett ss: P.O. Box 12696 gden none Number: 801 624-9142 Address: bradcoppercreek@gmail.com   | <b>State:</b> UT   | <b>Zip:</b> 84412-7696                         |
| Is the p                       | project in Indian Country?  |  | Yes □ No 🏻                                     |
| Is the <sub>l</sub>            | project a residential building on a single lot a  | nd disturbing one acre or less?  | ? Yes ⊠ No □                                   |
| 2. Po                          | Ilution Sources/Best Manages.  Is there a SWPPP sign on site? (see permit processes the sign will include the UPDES tracking number and email, and if the SWPPP is onreadable from 2475 South.  | part 1.10)<br>umber, the owner or general co   | · ·  |
| 2.2                            | has been obtained to treat and offsite) must be covered by UF   | tion area is needed and a sepad discharge water. Construction  | n Dewatering (if discharged                    |
| 2.3                            | Will there be non-storm water discharges Allowable discharges include: Flushing of a cleaning waters), water used for dust conti<br>construction activities, water from emerge exposed to construction activities. (see perr Please list all anticipated non-storm wate | rinking water or irrigation wat rol, spring water or groundwat ncy fire-fighting activities, and nit part 2.4.5 & 2.9).  r discharges: N/A | er (not including wash or<br>er not exposed to |

|     | BMP(s):                               | ☑ All non-storm water dis discharged  | scharges are listed as   | allowable per pern  | nit part 1.3 and                  |            |
|-----|---------------------------------------|---|--|---|-----------------------------------|------------|
|     |                                       | ☐ All non-storm water disquestions 2.12 and 2.16)   | scharges that are not a  | allowed are proper  | ly contained (s                   | ee         |
|     |                                       | ☐ All non-storm water dischemicals, oils, etc.) will b☐ Other:  | _  |   |                                   |            |
| 2.4 | -                                     | ole for the total area of distu<br>sure of disturbed soil at one  | -  | _   | Yes ⊠                             | No □       |
|     | zone outsi                            | f disturbance iss to be restri<br>de of the foot print. The are<br>and or remain undisturbed.   |  | -   |                                   |            |
| 2.5 | What peri                             | meter controls will be used   | to prevent sediment  | from leaving the s  | ite? (permit pa                   | rt 2.1.2 & |
|     | BMP(s):                               | ☐ Silt Fence  |  | ⊠ Berms   |                                   |            |
|     |                                       |   |  | ⊠ Cut-Back-Cu   | rb                                |            |
|     |                                       | <ul><li>☐ Staked straw Wattle</li><li>☐ Other:</li></ul>  | s (Fiber Rolls)  | ☐ Weighted W  | 'attles                           |            |
| 2.6 | disturband<br>Note: A 30<br>used, you | te waters located within 30 fices?  O' natural vegetative buffer Normust demonstrate that the composition buffer, and select the reaso  O' Natural Vegetative If less than 30' Natural Vegetation  O' 2 Silt Fence Barrian Other: | MUST be maintained badditional controls offor for exemption below we Buffer Vegetative Buffer sele | oy water bodies. If o<br>er the same protec<br>v. (see permit part 2. | tion as a 30' no<br>3.5)<br>rols: | atural     |
| 2.7 | around tre                            | critical or sensitive areas (su<br>ees, wetlands, buffer zones<br>o the site? (see permit part 2.   | by water bodies, etc   | =   | Yes □                             | No ⊠       |
|     | BMP(s):                               | ☐ Separate and isolate ☐ Other:   | with environmental fe  | encing  |                                   |            |
| 2.8 |                                       | k out control will be used to   | prevent dirt from be   | eing tracked on str   | eets as vehicle                   | s leave    |
|     | BMP(s):                               | see permit part 2.4.1)   Track Out Pad  | ⊠ Cobble   | ⊠ Gravel  | l                                 |            |
|     | 2 (0)                                 | ☐ Rumble Strips   | ☐ Wash Down Pa   |   |                                   |            |
|     |                                       | ☐ Restricted Site Access ☐ Other:   |  | es During Dry Weat  | =                                 |            |
| 2.9 | Do you ha                             | ve storm drain inlets on or o   | down gradient of this  | site? (see permit   | Yes ⊠                             | No □       |

|      | One street curb inlet located west of the project on 247S will be protected with a Gravel or Sand Wattle |   |   |                          |  |  |
|------|--|---|---|--------------------------|--|--|
|      |  | re the nearest downstream inlet(s) and hov  | wwill you protect them: Click here t  | o enter                  |  |  |
|      | text.  | the medical downstream inter(a) and not   | Thin you protect them. enex here t  | o criter                 |  |  |
|      | BMP(s):  | <ul><li>☐ Rock/Sand-filled Bags</li><li>☐ Filter Fabric</li><li>☐ Proprietary inlet devices</li><li>☐ Other:</li></ul>  | <ul><li>□ Drop Inlet Bags</li><li>⊠ Gravel or Sand filled Wattle</li></ul>                      | es                       |  |  |
| 2.10 | If curb ramբ   | amps be used at the site? (see permit part 2.<br>os are used it must be done with material [no  | -   | <b>No</b> □<br>rm water. |  |  |
|      | BMP(s):  | ☐ Crushed Rock ☑ Other: Curbs and Gutters and sidewal protect the curb gutter. Broken section and sidewalks will eventually be removed shown on the plan                            | f sidewalk and sections of both curbs   | s, gutters               |  |  |
| 2.11 | Note: Selec  | pe stockpiles or spoil piles on the site?<br>It "Contained by other BMP" if another BMP of<br>Materials that can be transported with precipers.<br>1.1.1)                           |   |                          |  |  |
|      | BMP(s):  | <ul><li>☐ Surrounded by Silt Fence</li><li>☐ Covered with Tarp</li></ul>  | <ul><li>☐ Surrounded by Staked Stra</li><li>Wattles</li><li>☐ Temporary – Removed san</li></ul> |                          |  |  |
|      |  | ☐ Contained by other BMP. Explain: Click ☑ Other: Suitable topsoil will be used in paraterial is anticipated that will not be need.   | perimeter berms, and footing backfill i   |                          |  |  |
| 2.12 | based)worl   | roject include installation of concrete, masc<br>k in this project? (see permit part 2.4.5 & 2.9.1)<br>r must be contained, the solids dried, and dis                               |   | ⊠ No □                   |  |  |
|      | BMP(s):  | <ul><li>☐ Lined Depression</li><li>☐ Regional Washout (per development)</li><li>☒ Other: Due to anticipated material shows</li></ul>  | ☐ Steel Dumpster  | washout                  |  |  |
|      |  | materials are proposed to be placed insia as backfill.  | le of the footing footprint and will ren  | nain in place            |  |  |
| 2.13 | Light trash i  | Ilid waste be dealt with on the site? (see per in uncovered dumpsters can blow out and so naterial in the dumpster and leak out the bot Bag Lightweight Trash Receptacles with Lids | atter with wind and rain may fall on ເ  | ailer may                |  |  |
| 2.14 |  | pe a need to dispose of solvents, oil, fuel, et   | c. liquid waste? (see Yes ⊠   | No □                     |  |  |
|      | permit part 2 BMP(s):  | 2.9)  | e ☐ Collected for Reuse   |                          |  |  |

| 2.15 | How will sanitary waste be handled on the site? (see permit part 2.4.4) |   |   |  |                          |  |
|------|---|---|---|--|--------------------------|--|
|      | BMP(s):   | ☑ Portable Toilet(s) (must be staked down on dirt surface & 10' from curb)  |   |  |                          |  |
|      |   | ☐ Onsite or Adjacent Indoor Bath  | rooms   |  |                          |  |
|      |   | ☑ Portable Toilet Secondary Cont  | ainment (secured down with  | straps to heavy we   | eights)                  |  |
|      |   | ☐ Other:  |   |  |                          |  |
|      |   |   |   |  |                          |  |
| 2.16 | How will yo   | u minimize the discharge of pollutar  | nts from spills and leaks? (see   | permit part 2.8.3)   |                          |  |
|      | BMP(s):   | ☐ Use of drip pans  |   | ling, and maintena   | nce                      |  |
|      |   | ⊠ Spill kit   | ☐ Spill respo   | -  |                          |  |
|      |   | □ Other:  |   | , , , , , , , , , , , , , , , , , , ,  |                          |  |
|      |   | □ other.  |   |  |                          |  |
| 2.17 | Will thora h  | e a need to store construction mate   | rials on sito? (see normit 2.9.2)   | Yes ⊠  | No □                     |  |
| 2.17 |   |   |   |  |                          |  |
|      |   | e exposure of materials with a pollu  | tion risk (certain building an  | u ianuscaping mai  | eriais,                  |  |
|      | BMP(s):   | esticides, herbicides, detergents).   | orials  | `antainmant  |                          |  |
|      | DIVIP(S).   |   |   |  |                          |  |
|      |   |   | ☐ Stored off-si   | te   |                          |  |
|      |   | ☐ Enclose them in a weather proc  | or snea.  |  |                          |  |
|      |   | ☐ Other:  |   |  |                          |  |
|      |   | _   |   | _  |                          |  |
| 2.18 | -   | te have steep slopes (greater than 7  |   | Yes 🗆  | No 🛛                     |  |
|      | BMP(s):   | ☐ Erosion Control Blanket   | $\square$ Avoid Distur  | bance on slope   |                          |  |
|      |   | $\square$ Seeding   | $\square$ Hydroseed   |  |                          |  |
|      |   | ☐ Mulch   | $\square$ Takifiers   |  |                          |  |
|      |   | ☐ Other:  |   |  |                          |  |
|      |   |   |   |  |                          |  |
| 2.19 | Are there sit   | te conditions that cause storm water  | r flows with highly erosive   | Yes □  | No ⊠                     |  |
|      | velocities? (   | see permit parts 2.3.3 and 2.3.4)   |   |  |                          |  |
|      | Flows must l  | be controlled to minimize sediment tr   | ansport.  |  |                          |  |
|      | BMP(s):   | ☐ Gravel Check Dam  | Ctrow Wattles / Fiber De  | lls) Chack Dam   |                          |  |
|      | DIVIT (3).  |   | ☐ Straw Watties (Fiber Ro   | 113) CHECK Daill   |                          |  |
|      | Divir (3).  |   | ☐ Straw Wattles (Fiber Ro☐ Armored channel (ripra   | -  | r)                       |  |
|      | Divir (3).  | $\hfill\Box$ Divert Flows around the Site   | ☐ Armored channel (ripra  | -  | ·)                       |  |
|      | Divir (3).  |   | ·   | -  | ·)                       |  |
| 2.20 |   | ☐ Divert Flows around the Site☐ Other:  | ☐ Armored channel (ripra  | o, geotextile, othe  |                          |  |
| 2.20 | How will yo   | <ul><li>□ Divert Flows around the Site</li><li>□ Other:</li><li>u reduce storm water volume to min</li></ul>  | ☐ Armored channel (ripra  | o, geotextile, othe  |                          |  |
| 2.20 | How will yo erosion? (se  | ☐ Divert Flows around the Site ☐ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3)  | ☐ Armored channel (ripra  | b, geotextile, othe  | n bank                   |  |
| 2.20 | How will yo erosion? (se  | ☐ Divert Flows around the Site ☐ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) ☐ Utilize basin, depression storag   | ☐ Armored channel (ripra  | b, geotextile, othe  | n bank                   |  |
| 2.20 | How will yo erosion? (se  | ☐ Divert Flows around the Site ☐ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) ☐ Utilize basin, depression storag infiltrate.   | ☐ Armored channel (ripra  | hannel and strear  | <b>n bank</b><br>d and   |  |
| 2.20 | How will yo erosion? (se  | ☐ Divert Flows around the Site ☐ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) ☐ Utilize basin, depression storage infiltrate. ☐ Prevent heavy equipment (as more storage)  | ☐ Armored channel (ripra  | hannel and strear  | <b>n bank</b><br>d and   |  |
| 2.20 | How will yo erosion? (se  | ☐ Divert Flows around the Site ☐ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) ☐ Utilize basin, depression storage infiltrate. ☐ Prevent heavy equipment (as movill infiltrate easier.  | ☐ Armored channel (ripra  | hannel and strear  | <b>n bank</b><br>d and   |  |
| 2.20 | How will yo erosion? (se  | <ul> <li>□ Divert Flows around the Site</li> <li>□ Other:</li> <li>u reduce storm water volume to mine e permit parts 2.3.4 and 2.3.3)</li> <li>☑ Utilize basin, depression storage infiltrate.</li> <li>□ Prevent heavy equipment (as movill infiltrate easier.</li> <li>□ Rip soil after heavy equipment</li> </ul>   | ☐ Armored channel (ripra)  nimize sediment transport, one of storm water, cut back  | channel and strear<br>rb, or other to hole   | <b>n bank</b><br>d and   |  |
| 2.20 | How will yo erosion? (se  | ☐ Divert Flows around the Site ☐ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) ☐ Utilize basin, depression storage infiltrate. ☐ Prevent heavy equipment (as movement infiltrate easier. ☐ Rip soil after heavy equipment ☐ Other: Onsite soils are very sand   | ☐ Armored channel (ripra)  nimize sediment transport, of the of storm water, cut back cut back cut back as possible) from compathas caused compaction.  If you and are anticipated to abset in the compaction in the cause in the | channel and strear rb, or other to hole cting soil so storm  | n bank<br>d and<br>water |  |
| 2.20 | How will yo erosion? (se  | □ Divert Flows around the Site □ Other:  u reduce storm water volume to mine e permit parts 2.3.4 and 2.3.3) □ Utilize basin, depression storage infiltrate. □ Prevent heavy equipment (as movill infiltrate easier. □ Rip soil after heavy equipment □ Other: Onsite soils are very sand Stormwater . some minor areas with stormwater.  | ☐ Armored channel (ripra)  nimize sediment transport, one of storm water, cut back cut back cut back as possible) from compathas caused compaction.  If you and are anticipated to absolute to graded to drain away from the product of the product o | channel and strear rb, or other to hole cting soil so storm  | n bank<br>d and<br>water |  |
| 2.20 | How will yo erosion? (se  | ☐ Divert Flows around the Site ☐ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) ☐ Utilize basin, depression storage infiltrate. ☐ Prevent heavy equipment (as movement infiltrate easier. ☐ Rip soil after heavy equipment ☐ Other: Onsite soils are very sand   | ☐ Armored channel (ripra)  nimize sediment transport, one of storm water, cut back cut back cut back as possible) from compathas caused compaction.  If you and are anticipated to absolute to graded to drain away from the product of the product o | channel and strear rb, or other to hole cting soil so storm  | n bank<br>d and<br>water |  |
|      | How will yo erosion? (se  | □ Divert Flows around the Site □ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) □ Utilize basin, depression storage infiltrate. □ Prevent heavy equipment (as movement in the properties of the properti | ☐ Armored channel (ripra)  nimize sediment transport, or e of storm water, cut back cut nuch as possible) from compathas caused compaction. dy and are anticipated to abs ll be graded to drain away from e used as well.   | channel and strear rb, or other to hole cting soil so storm orb most onsite om the house. cur          | n bank d and water b cut |  |
| 2.20 | How will yo erosion? (se BMP(s):  | □ Divert Flows around the Site □ Other:  u reduce storm water volume to mine e permit parts 2.3.4 and 2.3.3) □ Utilize basin, depression storage infiltrate. □ Prevent heavy equipment (as movill infiltrate easier. □ Rip soil after heavy equipment □ Other: Onsite soils are very sand Stormwater . some minor areas with stormwater.  | ☐ Armored channel (ripra)  nimize sediment transport, or e of storm water, cut back cut nuch as possible) from compathas caused compaction. dy and are anticipated to abs ll be graded to drain away from e used as well.   | channel and strear rb, or other to hole cting soil so storm  | n bank<br>d and<br>water |  |
|      | How will yo erosion? (se BMP(s):  | □ Divert Flows around the Site □ Other:  u reduce storm water volume to mine e permit parts 2.3.4 and 2.3.3) □ Utilize basin, depression storage infiltrate. □ Prevent heavy equipment (as mine will infiltrate easier. □ Rip soil after heavy equipment □ Other: Onsite soils are very sand Stormwater. some minor areas with backs and vegetative buffers will be seed for dust control on the site (regularize).   | □ Armored channel (ripra)  nimize sediment transport, one of storm water, cut back cut back as possible) from compaction.  It is a graded to drain away from the e used as well.  | channel and streaments, or other to hole cting soil so storm for both most onsite form the house . cur | n bank d and water b cut |  |
|      | How will yo erosion? (se BMP(s):  | □ Divert Flows around the Site □ Other:  u reduce storm water volume to mine e permit parts 2.3.4 and 2.3.3) □ Utilize basin, depression storage infiltrate. □ Prevent heavy equipment (as movill infiltrate easier. □ Rip soil after heavy equipment □ Other: Onsite soils are very same Stormwater. some minor areas with backs and vegetative buffers will be seed for dust control on the site (reguence)   | □ Armored channel (ripra)  nimize sediment transport, one of storm water, cut back cut but as possible) from compathas caused compaction.  If you and are anticipated to absorb the graded to drain away from the used as well.  In the propertical □ Cover dirt p  | channel and streaments, or other to hole cting soil so storm for both most onsite form the house . cur | n bank d and water b cut |  |
|      | How will yo erosion? (se BMP(s):  | □ Divert Flows around the Site □ Other:  u reduce storm water volume to mine permit parts 2.3.4 and 2.3.3) □ Utilize basin, depression storage infiltrate. □ Prevent heavy equipment (as moving will infiltrate easier. □ Rip soil after heavy equipment □ Other: Onsite soils are very sand Stormwater. some minor areas with backs and vegetative buffers will be seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the site (reguence of the seed for dust control on the seed for du | □ Armored channel (ripra)  nimize sediment transport, on the of storm water, cut back cut the properties of storm water of storm water, cut back cut the storm water of storm water, cut back cut the storm water of storm water, cut the storm water of storm water, cut the storm water of storm water, cut the storm water, cut the storm water of storm wate | channel and streaments, or other to hole cting soil so storm for both most onsite form the house . cur | n bank d and water b cut |  |
|      | How will yo erosion? (se BMP(s):  | □ Divert Flows around the Site □ Other:  u reduce storm water volume to mine e permit parts 2.3.4 and 2.3.3) □ Utilize basin, depression storage infiltrate. □ Prevent heavy equipment (as movill infiltrate easier. □ Rip soil after heavy equipment □ Other: Onsite soils are very same Stormwater. some minor areas with backs and vegetative buffers will be seed for dust control on the site (reguence)   | □ Armored channel (ripra)  nimize sediment transport, one of storm water, cut back cut back as possible) from compaction.  Independent to a possible and are anticipated to a back to the sed as well.  Independent to drain away from the season of the second of the pride or Lignan Sulfonate and to the surface cover the second of the surface cover the second of the s | channel and streaments, or other to hole cting soil so storm for both most onsite form the house . cur | n bank d and water b cut |  |

| 2.22 | stabilized b | e disturbed areas on the site that we defore the project is completed? (see are disturbed and then left for over 1 by stabilized.                           | permit part 2.6)        | •                   |
|------|--------------|---|-------------------------|---------------------|
|      | BMP(s):      | $\square$ Bark or other mulch   | ☐ Hydro-mulch           | ☐ Seeding           |
|      |              | <ul><li>☐ Tackifier</li><li>☐ Other:</li></ul>  | $\Box$ Staked netting v | vith straw mulch    |
| 2.23 | If so, how w | use be sold without any landscaping<br>will you leave the site for the new ho<br>wner completes landscaping? (the path through the site is not stabilized). | ome owner so sedimen    |                     |
|      | BMP(s):      | ☐ Mulching/Hydro-mulching   | Swales                  | ☐ Silt Fence        |
|      |              | ☐ Wattles   | ⊠ Cut-Back-Curb         | ☐ Seeding           |
|      |              | □ Vegetated Buffer  | ☑ Grade Front-Yard      | Lower than Sidewalk |
|      |              |   |                         |                     |

# 3. Sequence of Construction Activity

| Type of Construction Activity   | Approximate Date Range                          |
|---|---|
| Start/End of the Project  | Dec 2019 – Dec 2020                             |
| Excavation activities   | Dec 2019-Jan 2020                               |
| Foundation/Footings   | Dec 2019 – Jan 2020                             |
| Backfill  | Jan 2020  |
| Erection of Building  | Jan 2020 - Mar 2020                             |
| Utility Lines installed   | Dec 2019 – April 2020                           |
|   |   |
| Landscaping (if the house is sold or occupied by owner with landscaping, if not landscaping should not be included) | April 2021 by others Not a part of this permit. |

# 4. Site Map

On a blank page (or include a page from the architectural drawings that show site layout and dimensions), please draw a map (and place this map in Appendix A) showing the layout of the site including locations of:

- 1. boundaries of project/property
- 2. boundaries of disturbance (including areas outside of property boundaries)

- 3. show slopes on site (if there are steep areas show steep areas)
- 4. location of structures/facilities
- 5. locations of:
  - a. stockpiles for soils and materials
  - b. construction supplies
  - c. portable toilets
  - d. garbage/trash containers
  - e. egress points/track out pads
  - f. concrete washout pits or containers
- 6. water bodies, wetlands, natural vegetative buffers
- 7. placement of all BMPs, perimeter, erosion control, sediment control, inlet protection, etc.
- 8. storm water inlets and storm water discharge points (where storm water drains off the site)
- 9. areas that will be temporarily or permanently stabilized on the site
- 10. areas where disturbances will be delayed to minimize total exposed surface at one time.

#### 5. Potential Sources of Pollutants

Potential sources of sediment to storm water runoff:

- Clearing and grubbing operations
- Grading and site excavation operations
- Vehicle tracking
- Topsoil stripping and stockpiling
- Landscaping operations

Potential pollutants and sources, other than sediment, to storm water runoff:

- Combined Staging Area—small fueling activities, minor equipment maintenance, sanitary facilities, and hazardous waste storage.
- Materials Storage Area—general building materials, solvents, adhesives, paving materials, paints, aggregates, trash, and so on.
- Construction Activity—paving, curb/gutter installation, concrete pouring/mortar/stucco, and building construction
- Concrete Washout Area

For all potential construction site pollutants, see Table 2 below.

Table 2. Potential construction site pollutants. Circle all that applies to your site and in the last column identify pollution prevention measures to minimize their discharge.

| Material/Chemical         | Storm Water Pollutants | Common Location*     | Pollution Prevention Methods |
|---------------------------|------------------------|----------------------|------------------------------|
|                           |                        |                      | Methous                      |
| Pesticides (insecticides, | Chlorinated            |                      | No intended use              |
| ,                         | hydrocarbons,          | Herbicides used for  |                              |
| fungicides, herbicides,   | organophosphates,      | noxious weed control |                              |
| rodenticide)              | carbamates, arsenic    |                      |                              |

| Material/Chemical    | Storm Water Pollutants   | Common Location*                                | Pollution Prevention<br>Methods  |
|----------------------|--|---|--|
| Fertilizer           | Nitrogen, phosphorous  | Newly seeded areas                              | Limit over use sweep up<br>any falling outside of<br>landscape area                    |
| Plaster              | Calcium sulphate, calcium carbonate, sulfuric acid                                       | Building construction                           | Place in concrete washout pit  |
| Cleaning solvents    | Perchloroethylene,<br>methylene chloride,<br>trichloroethylene,<br>petroleum distillates | No equipment cleaning allowed in project limits | Limit to inside cleaning prior to occupancy  |
| Asphalt              | Oil, petroleum distillates   | Streets and roofing                             | N/A  |
| Concrete             | Limestone, sand, pH,<br>chromium   | Curb and gutter,<br>building construction       | Existing CG & SW will require drive and walkway construction with washout to lined pit |
| Glue, adhesives      | Polymers, epoxies  | Building construction                           | Per manufacturers recommendations  |
| Paints               | Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic                         | Building construction                           | Excess to be contained and removed to County transfer station                          |
| Curing compounds     | Naphtha  | Curb and gutter                                 | Per manufacturers recommendations  |
| Wood preservatives   | Stoddard solvent,<br>petroleum distillates,<br>arsenic, copper,<br>chromium              | Timber pads and building construction           | Per manufacturers recommendations  |
| Hydraulic oil/fluids | Mineral oil  | Leaks or broken hoses from equipment            | Any contaminated soils picked up and disposed at landfill                              |
| Gasoline             | Benzene, ethyl benzene,<br>toluene, xylene, MTBE   | Secondary containment/staging area              | Offsite fueling  |
| Diesel Fuel          | Petroleum distillate, oil & grease, naphthalene, xylenes                                 | Secondary containment/staging area              | Offsite fueling  |
| Kerosene             | Coal oil, petroleum distillates  | Secondary containment/staging area              | N/A  |
| Antifreeze/coolant   | Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)                     | Leaks or broken hoses from equipment            | Any contaminated soils picked up and disposed at landfill                              |
| Sanitary toilets     | Bacteria, parasites, and viruses   | Staging area                                    | Maintained by supplier   |

<sup>\*(</sup>Area where material/chemical is used on-site)

#### 6. Spill Prevention and Response Plan

Describe the spill prevention and control plan to include ways to reduce the chance of spills, stop the source of spills, contain and cleanup spills, dispose of materials contaminated by spills, and train personnel responsible for spill prevention and control. Additionally, fill in all BLUE fields below.

Spill Plan: Offsite fueling and equipment maintenance. A Spill kit to be maintained onsite. Click here to enter text.

Any discharges in 24 hours equal to or in excess of the reportable quantities listed in 40 CFR 117, 40 CFR 110, and 40 CFR 302 will be reported to the National Response Center and the Division of Water Quality (DWQ) as soon as practical after knowledge of the spill is known to the permittee. The permittee shall submit within 14 calendar days of knowledge of the release a written description of: the release (including the type and estimate of the amount of material released), the date that such release occurred, the circumstances leading to the release, and measures taken and/or planned to be taken to the Division of Water Quality (DWQ), 288 North 1460 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870. The Storm Water Pollution Prevention Plan must be modified within14 calendar days of knowledge of the release to provide a description of the release, the circumstances leading to the release, and the date of the release. In addition, the plan must be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the plan must be modified where appropriate.

| Agency   | Phone Number                   |
|--|--------------------------------|
| National Response Center                         | (800) 424-8802                 |
| Division of Water Quality ( DWQ) 24-Hr Reporting | (801) 538-6146; (801) 536-4123 |
| Utah Department of Health Emergency Response     | (801) 580-6681                 |
| Weber Fire District                              | (801) 782-3580                 |

Minimum spill quantities requiring reporting:

| Material  | Media Released To | Reportable Quantity  |
|---|-------------------|----------------------|
| Engine oil, fuel, hydraulic & brake fluid             | Land              | 25 gallons           |
| Paints, solvents, thinners                            | Land              | 100 lbs (13 gallons) |
| Engine oil, fuel, hydraulic & brake fluid             | Water             | Visible Sheen        |
| Refrigerant   | Air               | 1 lb                 |
| Antifreeze, battery acid, gasoline, engine degreasers | Air, Land, Water  | 100 lbs (13 gallons) |

#### Emphasis to:

1<sup>st</sup> Priority: Protect all people (including onsite staff)

2<sup>nd</sup> Priority: Protect equipment and property

3<sup>rd</sup> Priority: Protect the environment

- 1. Make sure the spill area is safe to enter and that it does not pose an immediate threat to health or safety of any person.
- 2. Check for hazards (flammable material, noxious fumes, cause of spill) if flammable liquid, turn off engines and nearby electrical equipment. If serious hazards are present leave area and call 911. LARGE SPILLS ARE LIKELY TO PRESENT A HAZARD.
- 3. Stop the spill source and contain flowing spills immediately with spill kits, dirt or other material that will achieve containment.
- 4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers
- 5. If spilled material has entered a storm sewer, regardless of containment; contact the City Storm Water Division.
- Cleanup all spills (flowing or non-flowing) immediately following containment. Clean up spilled
  material according to manufacturer specifications, for liquid spills use absorbent materials AND
  DO NOT FLUSH AREA WITH WATER.
- 7. Properly dispose of cleaning materials and used absorbent material according to manufacturer specifications.
- 8. Report the reportable quantity to the Weber County Health Department Storm Water Division.

#### **Emergency Numbers**

| Utah Hazmat Response Officer 24 hrs | (801)-538-3745 |
|-------------------------------------|----------------|
| Weber County Sheriff                | (801) 778-6601 |
| Weber County Engineering Division   | (801) 399-8374 |

# 7. SWPPP, Inspections and Corrective Action Reports

Inspection Schedule and Procedures: The permit requires inspections once a week (see permit Part 3). You must list and provide details of your BMPs in Appendix G. Inspection reports require reporting on BMPs and how effective they are (download inspection reports from the DWQ construction storm water website under the Common Plan Permit). You may be required to maintain, modify, remove, or apply/install more or different BMPs to control pollutants on the site. Please number your BMPs in Appendix G and refer to those numbers on your inspection reports and corrective action reports when you inspect or report on them.

Describe the general procedures for correcting problems when they are identified. Include responsible staff and time frames for making corrections:

Corrective actions identified in weekly inspections to be addressed within 24 to 72 hours by the General Contractor. And corrections noted in the inspection log.

**Inspections and Corrective Actions:** All inspections and corrective actions must be logged using the "Inspection/Correction Action Log" attached in Appendix E. The log should be filled out completely for each BMP.

### 8. Training of Sub-Contractors

All sub-contractors, installers of utility connections, and others that perform activities that are affected by permit requirements will be informed about permit requirements that pertain to their scope of work.

Sub-Contractors that have been informed:

| Contractor                       | Date | Topic(s) Covered | Initials of<br>Trainer |
|----------------------------------|------|------------------|------------------------|
| Excavator                        |      |                  |                        |
| Gas utilities                    |      |                  |                        |
| Plumbing connection              |      |                  |                        |
| Electrical connection            |      |                  |                        |
| Concrete foundation walls        |      |                  |                        |
| Concrete flat work               |      |                  |                        |
| Landscaper                       |      |                  |                        |
| Other: Click here to enter text. |      |                  |                        |
| Other: Click here to enter text. |      |                  |                        |
| Other: Click here to enter text. |      |                  |                        |
| Other: Click here to enter text. |      |                  |                        |

### 9. Changes to the SWPPP

All changes to this SWPPP must be redlined, dated, and initialed in the SWPPP document and on the site map.

# 10. Record Keeping

The following items should be kept at the project site available for inspectors to review:

- 1. A copy of the Common Plan Permit (Appendix B)
- 2. The signed and certified NOI form (Appendix C)
- 3. Inspection reports (Appendix E)

## 11. Delegation of Authority (if any)

**Duly Authorized Representatives or Positions:** 

| Name: Nicklaus R. Despain & Taralynn M Despa<br>Position: Owners<br>Address: 2007 N 4900 W<br>City: Plain City<br>Telephone: 801 452 1897                                      | State:                | Utah<br>(XXX) XXX-XXX |            | 84404                  |
|--|-----------------------|-----------------------|------------|------------------------|
| Owner Signature:   |                       | Date:                 |            |                        |
| Additional Duly Authorized Representatives or Posi<br>Company/Organization: Copper Creek Builders<br>Name: Brad Garett   | itions:               |                       |            |                        |
| Position: General Contractor Address: PO Box 12696   |                       |                       |            |                        |
| City: Ogden Telephone: 801 624-9142  | State:<br>Fax/Email:  | Utah<br>bradcoppercre | •          | 84412-2696<br>nail.com |
| General Contractor Signature:  |                       | Date                  | e <i>:</i> |                        |
| 12. Discharge Information  |                       |                       |            |                        |
| Does your project/site discharge storm water into a   ⊠ Yes  | a Municipal S<br>□ No | eparate Storm S       | ewer S     | ystem (MS4)?           |
| Municipal Storm Drain System receiving the discha  | rge from the          | construction pro      | oject: W   | Veber County           |
| Receiving Waters (look up <a href="http://mapserv.utah.go">http://mapserv.utah.go</a><br>water body). If you discharge to a MS4 you may n water that their system outfalls to. |                       |                       |            |                        |
| Enter the name(s) of the first surface water(s) that from the MS4 listed above. <b>Note:</b> multiple rows propoint of discharge in which each flows to different states.      | ovided in the (       | case that your si     | •          |                        |

- 1. Existing Storm Drain System for Mallard Springs Subdivision
- 2. Weber River
- **3.** Click here to enter name of receiving waters.
- **4.** Click here to enter name of receiving waters.

Impaired Waters (refer to <a href="http://mapserv.utah.gov/surfacewaterquality/">http://mapserv.utah.gov/surfacewaterquality/</a> in the left hand column to determine status of receiving water body).

Select any impaired surface water(s) that your site will discharge to, either directly or through the MS4 selected above.

| Impaired Surface<br>Water | Is this surface water impaired? |      | Pollutant(s) causing the impairment | Has a TMDL been completed? |      | Pollutant(s) for<br>which there is a<br>TMDL |  |
|---------------------------|---------------------------------|------|-------------------------------------|----------------------------|------|--|--|
| Weber River               | ⊠ Yes                           | □ No | Nitrogen<br>Phosphorous             | ☐ Yes ⊠ No                 |      | Click here to enter text.                    |  |
| Click here to enter text. | ☐ Yes                           | □ No | Click here to enter text.           | ☐ Yes                      | □ No | Click here to enter text.                    |  |

#### 13. Certification and Notification

I, Name of Authorized Construction Operator Representative, 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.

| X                      |
|------------------------|
| Construction Operator: |

This SWPPP should be signed and certified by the construction operator(s).

#### **SWPPP Appendices**

Ensure the following documentation is attached to the SWPPP:

**Appendix A: SWPPP Site Maps** 

**Appendix B: Common Plan Permit** 

Appendix C: Notice of Intent (NOI), and a copy of the NOT form unless you plan to terminate the

permit on-line

**Appendix D: Daily Site Check Log** 

**Appendix E: Inspection Reports and Corrective Actions** 

Appendix F: Additional Information (i.e. permits such as local permits, dewatering, stream alteration, wetland, and out of date SWPPP documents, delegation of authority forms, etc.)

Appendix G: BMP Specifications and Details (label BMPs to match the sections identified in this document.)

**APPENDIX A: SWPPP Site Maps** 

# **APPENDIX B: Common Plan Permit**

Find the permit on  $\frac{https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits}{}$ 

### **APPENDIX C: Notice of Intent and Termination.**

Find the Notice of Termination Form at <a href="https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits">https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits</a>

However, termination of the project can be done on-line at <a href="https://secure.utah.gov/stormwater">https://secure.utah.gov/stormwater</a>

(You must log in using the same username that you applied for your NOI with. If you completed a paper NOI you must complete a paper NOT.)

**APPENDIX D: Daily Self-Inspection Log (permit part 3.2.2).** 

| Daily Inspection Log |  |      |          |      |          |      |          |
|----------------------|--|------|----------|------|----------|------|----------|
| Date                 | Initials   | Date | Initials | Date | Initials | Date | Initials |
|                      |  |      |          |      |          |      |          |
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| <u> </u>             |  |      |          |      |          |      |          |

**APPENDIX E: Inspection Reports** 

Include BMPs inspected even if they are in good condition. Corrections must be completed before the next weekly inspection.

| Weekly Inspection/Corrective Action Log |         |                |   |         |                            |                              |                           |
|---|---------|----------------|---|---------|----------------------------|------------------------------|---------------------------|
| Date & Time of Inspection               | Weather | BMP # and Name | Description of BMP<br>Condition or Deficiency | Initial | Correction Date (MM/DD/YY) | How the BMP was<br>Corrected | SWPPP<br>Changed<br>(Y/N) |
|   |         |                |   |         |                            |                              |                           |
|   |         |                |   |         |                            |                              |                           |
|   |         |                |   |         |                            |                              |                           |
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|   |         |                |   |         |                            |                              |                           |

### **APPENDIX F: Additional Information**

For permits such as local permits, dewatering, stream alteration, wetland, and out of date SWPPP documents, delegation of authority forms, etc.

| Delegation of Authority  |   |
|--|---|
| below to be a duly authorized representative for environmental requirements, including the Com col |   |
|  | (name of person or position)  |
|  | (company)   |
|  | (address)   |
|  | (city, state, zip)  |
|  | (phone)   |
| forth in above meets the definition of a "duly authorize (Re                                       | eet the requirements to make such a designation as set (Reference State Permit), and that the designee d representative" as set forth in eference State Permit).  In and all attachments were prepared under my direction igned to assure that qualified personnel properly ested. Based on my inquiry of the person or persons who esponsible for gathering the information, the information belief, true, accurate, and complete. I am aware that lise information, including the possibility of fine and |
| Name:  |   |
| Company:   |   |
| Title:   |   |
| Signature:   |   |
| Date:  |   |

# **APPENDIX G: BMP Specifications and Details**

Label BMPs to match the sections identified in this document.

# Below are links to various Construction Storm Water BMP Manuals for reference.

Salt Lake County

http://slco.org/uploadedFiles/depot/publicWorks/engineering/final\_bmp\_constructi.pdf
BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

#### **Davis County**

http://www.daviscountyutah.gov/docs/librariesprovider20/default-document-library/stormwater-best-management-practices.pdf?sfvrsn=c9cd4053 2

A Guide to Stormwater Best Management Practices

#### Nevada DOT

https://www.nevadadot.com/home/showdocument?id=9417

Stormwater Quality Manuals: Construction Site Best Management Practices (BMPs) Manual

#### Caltrans

http://www.dot.ca.gov/hq/construc/stormwater/CSBMP-May-2017-Final.pdf

Construction Site Best Management Practices (BMP) Manual

#### Oregon

http://www.oregon.gov/deg/FilterPermitsDocs/BMPManual.pdf

Construction Stormwater Best Management Practices Manual

#### Los Angeles

http://dpw.lacounty.gov/cons/specs/BMPManual.pdf

Construction Site Best Management Practices (BMPs) Manual

#### Maricopa County (Arizona)

https://www.maricopa.gov/DocumentCenter/View/2368/2015-03-Drainage-Design-Manual-for-Maricopa-County-Volume-III-Erosion-pdf

Drainage Design Manual for Maricopa County (Erosion Control)

#### Minnesota

https://www.pca.state.mn.us/sites/default/files/wq-strm2-09.pdf

Stormwater Compliance Assistance Toolkit for Small Construction Operators