

Storm Water Pollution Prevention Plan

for:

Gallop Bend Subdivision
3662 West 2550 South
Taylor, UT 84401

Operator(s):

JF Gallop Bend LLC
Brock Loomis
1148 West Legacy Crossing Blvd. Suite 400
Centerville, UT 84014
801-814-1914
brock@jfcapital.com

SWPPP Contact(s):

JF Gallop Bend LLC
Brock Loomis
1148 West Legacy Crossing Blvd. Suite 400
Centerville, UT 84014
801-814-1914
brock@jfcapital.com

SWPPP Preparation Date:

01 / 23 / 2017

Estimated Project Dates:

Project Start Date: 01 / 24 / 2017
Project Completion Date: 01 / 24 / 2018

Contents

SECTION 1: CONTACT INFORMATION/ RESPONSIBLE PARTIES.....	1
1.1 Owner(s), Operator, Contractors	1
1.2 Storm Water Team.....	3
SECTION 2: SITE EVALUATION, ASSESSMENT, & PLANNING	4
2.1 Project/Site Information.....	4
2.2 Nature of Construction Activity.....	5
2.3 Construction Site Estimates	5
2.4 Soils, Slopes, Vegetation, and Current Drainage Patterns	6
2.7 Site Features and Sensitive Areas to be Protected	9
2.8 Maps	9
SECTION 3: POLLUTION PREVENTION STANDARDS.....	10
3.1 Potential Sources of Pollution	13
3.2 Non-Stormwater Discharges	14
3.3 Natural Buffers or Equivalent Sediment Controls	14
SECTION 4: EROSION AND SEDIMENT CONTROLS.....	15
4.1 Minimize Disturbed Area and Protect Natural Features and Soil.....	15
4.2 Establish Perimeter Controls and Sediment Barriers.....	15
4.3 Retain Sediment On-Site	15
4.4 Establish Stabilized Construction Exits.....	15
4.5 Protect Slopes.....	16
4.6 Stockpiled Sediment or Soil	16
4.7 Minimize Dust	16
4.8 Topsoil	17
4.9 Soil Compaction.....	17
4.10 High Altitude/Heavy Snows.....	17
4.11 Linear Activities.....	17
4.12 Chemical Treatment.....	18
4.13 Stabilize Soils.....	19
4.14 Final Stabilization.....	19
SECTION 5: POLLUTION PREVENTION	20
5.1 Spill Prevention and Response.....	20
5.2 Construction and Domestic Waste.....	21
5.3 Washing of Applicators and Containers used for Concrete, Paint or Other Materials	22
5.4 Establish Proper Building Material Staging Areas	22
5.5 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices.....	23
5.6 Control Equipment/Vehicle Washing	23
5.7 Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials	23
5.8 Other Pollution Prevention Practices	23
SECTION 6: INSPECTIONS & CORRECTIVE ACTIONS.....	24
6.1 Inspections.....	24
6.2 Corrective Actions.....	24
6.3 Delegation of Authority.....	25
SECTION 7: TRAINING AND RECORDKEEPING	26

7.1	Training	26
7.2	Recordkeeping	26
7.3	Log of Changes to the SWPPP	26
SECTION 8: WATER QUALITY		10
8.1	UIC Class 5 Injection Wells	10
8.2	Discharge Information	10
8.3	Receiving Waters	10
8.4	Impaired Waters	11
8.5	High Water Quality	11
8.6	Dewatering Practices	11
8.7	Control Stormwater Flowing onto and through the Project	11
8.8	Protect Storm Drain Inlets	12
SECTION 9: POST-CONSTRUCTION BMPs		Error! Bookmark not defined.
SECTION 10: CERTIFICATION		27
SWPPP APPENDICES		28
Appendix A – General Location Map		
Appendix B – Site Maps		
Appendix C – Construction General Permit & MS4 Ordinance		
Appendix D – NOI and Acknowledgement Letter from State and MS4		
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; other permits such as dewatering, stream alteration, wetland; and out of date SWPPP documents)		
Appendix M – BMP Specifications		

CGP means “Construction General Permit” (for storm water)

SECTION 1: CONTACT INFORMATION/ RESPONSIBLE PARTIES

1.1 Owner(s) & Contractors

Owner(s):

JF Gallop Bend LLC
Chad Bessinger
1148 West Legacy Crossing Blvd., Suite 400
Centerville, UT 84014
801-335-8500
chad@jfcapital.com

Project Manager(s):

JF Capital
Brock Loomis, P.E.
1148 West Legacy Crossing Blvd., Suite 400
Centerville, UT 84014
801-335-8500
brock@jfcapital.com

Site Supervisor(s):

JF Capital
Brock Loomis, P.E.
1148 West Legacy Crossing Blvd., Suite 400
Centerville, UT 84014
801-335-8500
brock@jfcapital.com

SWPPP Contact(s):

JF Capital
Brock Loomis, P.E.
1148 West Legacy Crossing Blvd., Suite 400
Centerville, UT 84014
801-335-8500
brock@jfcapital.com

This SWPPP was Prepared by:

Brock Loomis, P.E.
1148 West Legacy Crossing Blvd., Suite 400
Centerville, UT 84014
801-335-8500
brock@jfcapital.com

Subcontractor(s):

Emergency 24-Hour Contact:

JF Gallop Bend LLC
Brock LOomis
801-8141914

1.2 Storm Water Team

Oversees Construction; maintains BMPs

Project Manager

Brock Loomis

801-814-1914

brock@jfcapital.com

Installs and Maintains BMPs

Michelle Collins

Kapp Construction Development

801-393-7360

michelle@kappcompanies.com

Storm Water Inspections

Michelle Collins

Kapp Construction Development

801-393-7360

michelle@kappcompanies.com

SECTION 2: SITE EVALUATION, ASSESSMENT, & PLANNING

2.1 Project/Site Information

Project/Site Name: Gallop Bend Subdivision

Project Street/Location: 3662 West 2550 South

City: Taylor State: UT ZIP Code: 84401

County: Weber County

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

Latitude:

1. 41 ° 13 ' 17" N (degrees, minutes, seconds)

Longitude:

1. 112 ° 04 ' 05" W (degrees, minutes, seconds)

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*: UTR378585

**(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.)*

2.2 Nature of Construction Activity

Nature of Construction: JF Gallop Bend LLC will be doing construction activities at Parkwood.

Development: Demolition of existing structures, grading, installation of utilities, installation of road, curbs, gutters, and sidewalks.

Residential/Lots Owned: Grading of individual lots, excavation for foundations, vertical construction of residential homes, and landscaping for final stabilization.

What is the function of the construction activity?

Residential Commercial Industrial Road Construction Linear Utility

Other (please specify): Development

Estimated Project Start Date: 01 / 24 / 2017

Estimated Project Completion Date: 01 / 24 / 2018

2.3 Construction Site Estimates

The following are estimates of the construction site.

Total project area:	22.35 acres
Construction site area to be disturbed:	10 acres
Percentage impervious area before construction:	1 %
Runoff coefficient before construction:	.10
Percentage impervious area after construction:	14.5%
Runoff coefficient after construction	0.26

2.4 Soils, Slopes, Vegetation, and Current Drainage Patterns

Soil type(s):



MAP UNIT LEGEND

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
FcB	Francis loamy fine sand, 0 to 3 percent slopes	0.1	0.5%
LcB	Layton loamy fine sand, 0 to 3 percent slopes	18.6	71.3%
PyB	Preston fine sand, duned, 1 to 10 percent slopes	2.9	11.2%
So	Syracuse loamy fine sand, 0 to 2 percent slopes	4.0	15.5%
Sy	Syracuse loamy fine sand, moderately saline, sodic, 0 to 2 percent slopes	0.4	1.4%
Totals for Area of Interest		26.1	100.0%

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

Prior to Construction: The site slopes to the south and to the east. Slopes prior to construction do not exceed 3%.

During Construction: The site will be graded and certain areas of the site will be modified. In general drainage patterns during construction should remain similar to those prior to construction.

After Construction: The site will be graded so that storm water will be directed to the storm drain on site.

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

Prior to Construction: The site drains to the south and to the east. Storm water drains in to the ditch running along the north side of 2550 South Street.

During Construction: A storm drain system will be installed on site.

After Construction: The site will drain to storm drains on site.

Vegetation:

Prior to Construction: There are grasses, pumpkin plants, trees, bushes and weeds on site.

During Construction: Much of the vegetation will be removed for construction purposes.

After Construction: The site will be landscaped for final stabilization.

Other:

2.5 Emergency Related Projects

Emergency-Related Project? Yes No

2.6 Phase/Sequence of Construction Activity

Phase I

- Development: Demolition of existing structures, grading, installation of utilities, installation of a road, curbs, gutters, and sidewalks.
- Approximately 4 months (January 2017 – April 2017)
- Silt fence, stabilized construction exit, street sweeping, stockpile containment, water truck(if needed), inlet protection, washout area, dumpster, and portable toilet.
- Temporary stabilization is not needed since vertical construction is expected to start within 21 days of completion.

Phase II

- Residential: Grading of individual lots, excavation for foundations, construction of residential homes, and landscaping for final stabilization.
- From April 2017 to completion of the project.
- Cutback curbs, silt fence, street sweeping, stockpile containment, water truck(if needed), inlet protection, washout area, dumpster, and portable toilet.
- Cutback curbs to be left in place until the lots are either landscaped by JF Gallop Bend LLC or the homeowner.

2.7 Site Features and Sensitive Areas to be Protected

No sensitive areas to be protected.

2.8 Maps

Include the site maps with the SWPPP (Appendix A).

SECTION 3: WATER QUALITY

3.1 UIC Class 5 Injection Wells

- French Drain
- Commercially Manufactured pre-cast or pre-built subsurface infiltration system
- Drywell(s), seepage pit(s), improved sinkhole(s)

Description of your Class V Injection Well:

Not applicable.

DWQ contact information:

Name:

Date:

Additional information:

Local Requirements:

3.2 Discharge Information

Does your project/site discharge storm water into a Municipal Separate Storm Sewer System (MS4)? Yes No

List the MS4 that receives the discharge from the construction project: [INSERT TEXT HERE](#)

Are there any surface waters that are located within 50 feet of your construction disturbances?

Yes No

List the water body: [Irrigation ditch running along the north side of 2550 South Street.](#)

3.3 Receiving Waters

Table 1 – Names of Receiving Waters (see <http://wq.deq.utah.gov>)

Name(s) of the first surface water that receives storm water directly from your site and/or from the MS4. (note: multiple rows provided where your site has more than one point of discharge that flows to different surface waters)
1. Weber River
2.
3.
4.

3.4 Impaired Waters

Table 2. - Impaired Waters (Answer the following for each surface water listed in Table 1 above) (see <http://wq.deq.utah.gov> look in the bottom half of the left hand column)

	Is this surface water listed as "impaired"?	If you answered yes, then answer the following:		
		What pollutant(s) are causing the impairment?	Has a TMDL been completed?	Pollutant(s) for which there is a TMDL
1.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ammonia, DO, Chlorine,	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ammonia, DO, Chlorine
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	

3.5 High Water Quality

Table 3 – High Water Quality (Answer the following for each surface water listed in Table 1 above) (see <http://wq.deq.utah.gov> look in the bottom half of the left hand column)

	Is this surface water designated as High Water Quality? (see Appendix C)	If you answered yes, specify which category the surface water is designated as?
1.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2

3.6 Dewatering Practices

BMP Description: Dewatering is not expected to take place on site. If dewatering is needed then the proper permits will be obtained and the SWPPP will be updated.

Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

3.7 Control Storm Water Flowing onto and through the Project

BMP Description: Cutback Curbs: - Acts as a sediment basin by capturing water prior to running into the street and let it either filter into the ground or evaporate into the water.

Installation Schedule:	Once curbs are installed.
Maintenance and	Every 14 days and within 24 hours of rain event of 0.5 inches or

Inspection:	greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC
BMP Description: Silt Fence – Prevents sediment from leaving the site.	
Installation Schedule:	Prior to development activities
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

3.8 Protect Storm Drain Inlets

BMP Description: Silt Fence – Prevents sediment from leaving the site.	
Installation Schedule:	Installation Schedule:
Maintenance and Inspection:	Maintenance and Inspection:
Responsible Staff:	Responsible Staff:

SECTION 4: POLLUTION PREVENTION STANDARDS

4.1 Potential Sources of Pollution

Activities	Check with an X the activities that apply	Sediment	Nutrients	Heavy Metals	pH (acids and bases)	Pesticides & Herbicides	Oil & Grease	Bacteria & Viruses	Trash, Debris, Solids	Other Pollutants
Clearing, grading, excavating, and un-stabilized areas	<input checked="" type="checkbox"/>	√							√	
Paving operations	<input checked="" type="checkbox"/>	√					√		√	
Concrete washout, stucco and cement waste	<input checked="" type="checkbox"/>			√	√				√	
Structure construction, painting, cleaning	<input checked="" type="checkbox"/>			√	√				√	√
Demolition and debris disposal	<input checked="" type="checkbox"/>	√							√	
Dewatering operations	<input type="checkbox"/>	√							√	
Waterline flushing	<input checked="" type="checkbox"/>	√	√		√				√	√
Material Delivery and storage	<input checked="" type="checkbox"/>	√	√	√	√		√		√	√
Material use during building process	<input checked="" type="checkbox"/>		√	√	√		√		√	√
Solid waste disposal	<input checked="" type="checkbox"/>								√	√
Hazardous Waste, contaminated spills	<input type="checkbox"/>			√	√	√	√			√
Sanitary waste	<input checked="" type="checkbox"/>		√		√			√		
Vehicle/equipment fueling, maintenance, use and storage	<input checked="" type="checkbox"/>						√		√	√
Landscaping operations	<input checked="" type="checkbox"/>	√	√			√			√	√
<i>Describe others</i>	<input type="checkbox"/>									

4.2 Non-Storm Water Discharges

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

Authorized Non-Storm Water Discharges	Comments
Water used to control dust	A water truck will be brought on site and used, as needed, to control dust.

BMP Description: Water Truck

Installation Schedule:	Brought on site as needed throughout construction
Maintenance and Inspection:	Make sure the water tank has adequate amounts of water. Dust will be observed daily.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

4.3 Natural Buffers or Equivalent Sediment Controls

Buffer Compliance Alternatives

Are there any surface waters within 50 feet of your project's earth disturbances? YES NO
(Note: If no, no further documentation is required for the SWPPP Template.)

SECTION 5: EROSION AND SEDIMENT

5.1 Minimize Disturbed Area and Protect Natural Features and Soil

The majority of the site will need to be disturbed for construction purposes. Most of the disturbance will take place for development and home construction. The other areas will be left where possible and not disturbed. Inspection will be done every 14 days and within 24 hrs of a rain event of 0.5 inches or greater.

5.2 Establish Perimeter Controls and Sediment Barriers

BMP Description: Cutback Curbs: - Acts as a sediment basin by capturing water prior to running into the street and let it either filter into the ground or evaporate into the water.

Installation Schedule:	Once curbs are installed.
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

BMP Description: Silt Fence – Prevents sediment from leaving the site.

Installation Schedule:	Prior to development activities
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

5.3 Retain Sediment On-Site

BMP Description: Cutback Curbs: - Acts as a sediment basin by capturing water prior to running into the street and let it either filter into the ground or evaporate into the water.

Installation Schedule:	Once curbs are installed.
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

5.4 Establish Stabilized Construction Exits

BMP Description: Establish Stabilized Construction Exits – Prevents vehicles from tracking out sediment when leaving the site.

Installation Schedule:	Prior to development activities.
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.

Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC
---------------------------	--

5.5 Protect Slopes

BMP Description: Monitor for Erosion – If erosion occurs then the spot will be soothed over and stabilized.

Installation Schedule:	Throughout construction as needed
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

5.6 Stockpiled Soil or Other Erodible Material

BMP Description: Stockpile Containment – Stockpiles must have a sediment control around them when they are left in one location for more than three days. The stockpile containment will include silt fence around the stockpile. Stockpiles will be watered to form a crust that prevents loose sediment from being blown off the stockpile.

Installation Schedule:	Installed around stockpiles that have been left in place, or are going to be left in place, for three days.
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

5.7 Minimize Dust

BMP Description: Water Truck

Installation Schedule:	Brought on site as needed through construction.
Maintenance and Inspection:	Make sure the water tank has adequate amounts of water. Dust will be observed daily.
Responsible Staff:	JF Gallop Bend LLC

5.8 Topsoil

BMP Description: Topsoil will be stockpiled and saved where possible. Please refer to 4.6 for stockpile containment.

Installation Schedule:	Excavation
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

5.9 Soil Compaction

Instructions:

- In areas where final vegetative stabilization will occur or where infiltration practices will be installed, describe the controls, including design, installation, and maintenance specifications that will be used to restrict vehicle or equipment access or condition the soil for seeding or planting.

BMP Description: Vehicle access will be minimized. Soil conditioning will occur during landscaping. Vehicle traffic will be confined to the road areas.

Installation Schedule:	Throughout construction
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

5.10 High Altitude/Heavy Snows

NA

5.11 Linear Activities

NA

5.12 Chemical Treatment

Instructions (see UCGP Parts 2.1.3.c and 7.2.9.b):

- If you are using treatment chemicals at your site, provide details for each of the items below. This information is required as part of the SWPPP requirements in CGP Part 7.2.9.b.

Soil Types

List all the soil types (including soil types expected to be found in fill material) that are expected to be exposed during construction and that will be discharged to locations where chemicals will be applied: [Chemicals will not be used on site.](#)

Treatment Chemicals

List all treatment chemicals that will be used at the site and explain why these chemicals are suited to the soil characteristics: [NA](#)

Describe the dosage of all treatment chemicals you will use at the site or the methodology you will use to determine dosage: [NA](#)

Provide information from any applicable Material Safety Data Sheets (MSDS): [NA](#)

Describe how each of the chemicals will be stored: [NA](#)

Include references to applicable state or local requirements affecting the use of treatment chemicals, and copies of applicable manufacturer's specifications regarding the use of your specific treatment chemicals and/or chemical treatment systems: [NA](#)

Special Controls for Cationic Treatment Chemicals (if applicable)

If you have been authorized by your applicable Regional Office to use cationic treatment chemicals, include the official EPA authorization letter or other communication, and identify the specific controls and implementation procedures you are required to implement to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards: [NA](#)

Schematic Drawings of Storm Water Controls/Chemical Treatment Systems

Provide schematic drawings of any chemically-enhanced storm water controls or chemical treatment systems to be used for application of treatment chemicals: [NANA](#)

Training

Describe the training that personnel who handle and apply chemicals have received prior to permit coverage, or will receive prior to the use of treatment chemicals: [NA](#)

5.13 Stabilize Soils

Instructions:

- 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 *SWPPP Guide*, Chapter 4, ESC Principle 4.)
- Also, see EPA's *Seeding BMP Fact Sheet* at <https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr>

BMP Description: Landscaping - The site will be permanently stabilized with landscaping. Temporary stabilization will not be needed since residential building will commence immediately following development activities. Cutback curbs will be left in place until landscaping occurs either by the homeowner or by JF Gallop Bend, LLC.

<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary	
Installation Schedule:	After vertical construction is complete.
Maintenance and Inspection:	The site will be turned over to the homeowners for maintenance of landscaping.
Responsible Staff:	Homewoner

5.14 Final Stabilization

BMP Description: Landscaping – The site will be permanently stabilized with landscaping.

Installation Schedule:	After vertical construction is complete.
Maintenance and Inspection:	The site will be turned over to the homeowners for maintenance of landscaping.
Responsible Staff:	Homewoner

SECTION 6: POLLUTION PREVENTION

6.1 Spill Prevention and Response

A small spill kit will be kept on trucks with hydraulic lines and will include a broom, absorbents, gloves, and a fire gallon bucket.

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 permittees. 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 within 14 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)-231-1769 (801) 536-4123
Utah Department of Health Emergency Response	(801) 580-6681

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
Antifreeze, battery acid, gasoline, engine degreasers	Air, Land, Water	100 lbs (13 gallons)
Refrigerant	Air	1 lb

SPILL RESPONSE PLAN

Spills require action. Ensure your people are safe, then on-site equipment and property, then the environment.

- 1st Priority: Protect all People
- 2nd Priority: Protect Equipment and Property
- 3rd 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. Stop the spill source. Refer to MSDS sheets so that the spilled material can be handled properly.
3. 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.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers.
5. If possible, stop spill from entering storm drain (use absorbent or other material as necessary, close valve to drain, cover or plug drain)
6. Stop spill from spreading (use absorbent or containment materials)
7. If spilled material has entered a storm drain then check oil/water interceptor or catch basins then notify the local city. Clean out the storm drain if possible. Do not spray spilled materials down the storm drain.
8. Clean up spilled material/absorbent (do not flush area with water) - If outside clean-up service is required, phone numbers of qualified clean up companies is available on following pages.
9. Properly dispose of cleaned material/absorbent into secure container for disposal as hazardous waste
10. Make sure cleaned area is not slippery (if slippery, put down no-slip material or mark area with a "slippery when wet" sign)

6.2 Construction and Domestic Waste

BMP Description: Covered Dumpster - A 20 yard dumpster with a hinged gate will be placed on site to contain construction waste materials and will be covered when not in use. The dumpster will be placed so that precipitation will flow out of the dumpster. All light weight trash will be bagged on site and hauled away daily. Bags will be available at the site in order to have the trash bagged and not allow it to be placed on the ground.

Installation Schedule:	Beginning of construction prior to waste materials being generated at the site
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater.
Responsible Staff:	Silver Leaf SWPPP and JF Gallop Bend LLC

6.3 Washing of Applicators and Containers used for Concrete, Paint or Other Materials

BMP Description: Portable Washout Bin – A bin will be installed for washing of applicators and containers used for concrete, paint, or other materials.

Installation Schedule:	Prior to pouring of concrete or painting.
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater. Must be emptied when it is 75% full to prevent spillage.
Responsible Staff:	JF Gallop Bend, LLC

6.4 Establish Proper Building Material Staging Areas

BMP Description: Staging Area – A staging area will be setup to store construction materials in an organized manner. Liquids are not expected to be stored on site, however, if liquids are stored on site then they will be covered and/or placed in secondary containment in the designated storage area.

Installation Schedule:	Prior to bring construction materials on site.
Maintenance and Inspection:	Every 14 days and within 24 hours of rain event of 0.5 inches or greater. Materials must go back to the designated construction

	area if not in use. Materials in the designated construction storage area must be organized.
Responsible Staff:	JF Gallop Bend, LLC

6.5 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

BMP Description: Fueling will not take place on site.	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

6.6 Control Equipment/Vehicle Washing

BMP Description: Equipment/vehicle washing will not take place on site.	
Installation Schedule:	Installation Schedule:
Maintenance and Inspection:	Maintenance and Inspection:
Responsible Staff:	Responsible Staff:

6.7 Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials

BMP Description: This site will be turned over to homeowners for landscaping.	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

6.8 Other Pollution Prevention Practices

BMP Description:	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

SECTION 7: INSPECTIONS & CORRECTIVE ACTIONS

7.1 *Inspections*

1. **Inspection Personnel:** Identify the person(s) who will be responsible for conducting inspections and describe their qualifications:

Inspection will be performed by Kapp Construction Development

Site Inspector Listing:

Kapp Construction Development

Michelle Collins

1595 W 3300 South

Ogden, UT 84401

801-393-7360

michelle@kappcompanies.com

2. **Inspection Schedule and Procedures:**

Describe the inspection schedules and procedures you have developed for your site (include frequency of inspections for each BMP or group of BMPs, indicate when you will inspect, e.g., before/during/and after rain events, spot inspections):

Inspections will occur at least once every 14 calendar days and within 24 hours of the initial 0.5 inches of rain and at the end of the storm event.

See Appendix E – Inspection Reports

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

See Appendix E – Inspection Reports

7.2 *Corrective Actions*

Corrective Action Log:

See Appendix F – Corrective Action Log

7.3 Delegation of Authority

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

JF Gallop Bend, LLC:
Brock Loomis
Project Manager
1148 West Legacy Crossing Blvd., Suite 400
Centerville, UT 84014
801-335-8500
brock@jfcapital.com

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

SECTION 8: TRAINING AND RECORDKEEPING

8.1 Training

See Appendix J.

8.2 Recordkeeping

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:

See Appendix I – Grading and Stabilization Activities Log

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

See Appendix I – Grading and Stabilization Activities Log

Date(s) when an area is either temporarily or permanently stabilized:

See Appendix I – Grading and Stabilization Activities Log

8.3 Log of Changes to the SWPPP

Log of changes and updates to the SWPPP

See Appendix G –SWPPP Amendment Log

SECTION 9: CERTIFICATION

Owner

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: _____ Title: _____

Signature: _____ Date: _____

General Contractor

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: _____ Title: _____

Signature: _____ Date: _____

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/MS4***

Appendix E – Inspection Reports

Appendix F – Corrective Action Log (see CGP 5.4)

Appendix G – SWPPP Amendment Log (see CGP 7.4.3)

Appendix H – Subcontractor Certifications/Agreements

***Appendix I – Grading and Stabilization Activities Log (see CGP
7.2.4.b)***

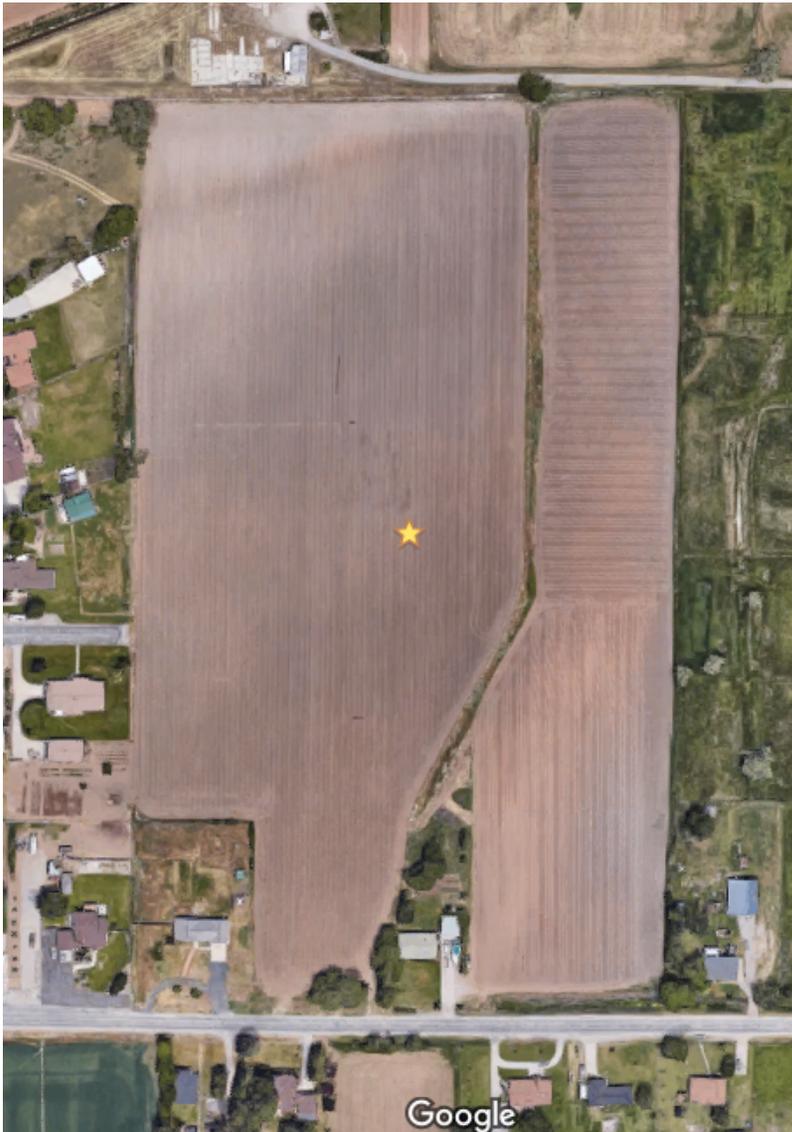
Appendix J – Training Log (see CGP 6)

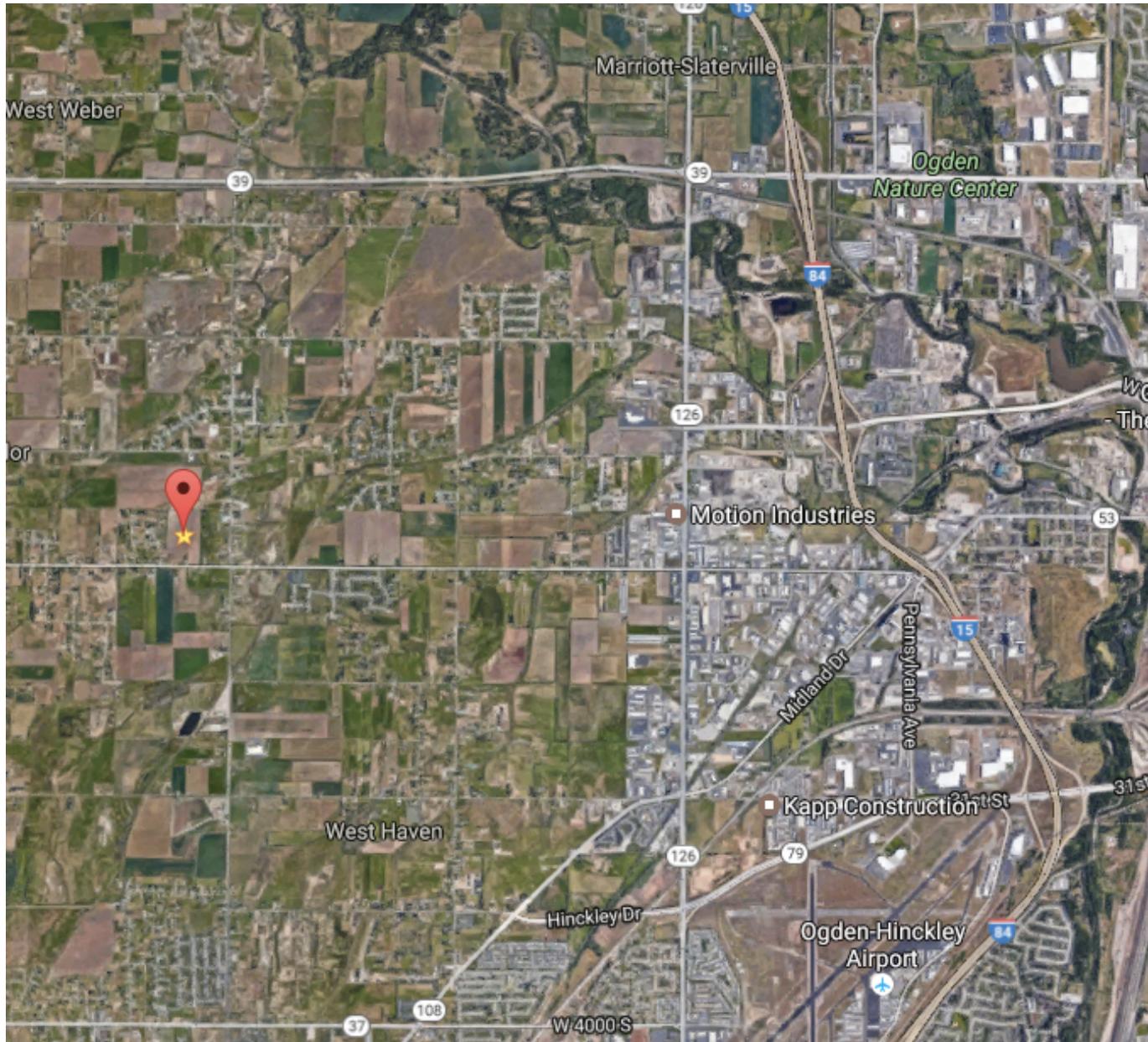
***Appendix K – Delegation of Authority (see CGP Appendix
G16.1.2)***

***Appendix L – Additional Information (i.e., Other permits such as
dewatering, stream alteration, wetland; and out of
date swppp documents)***

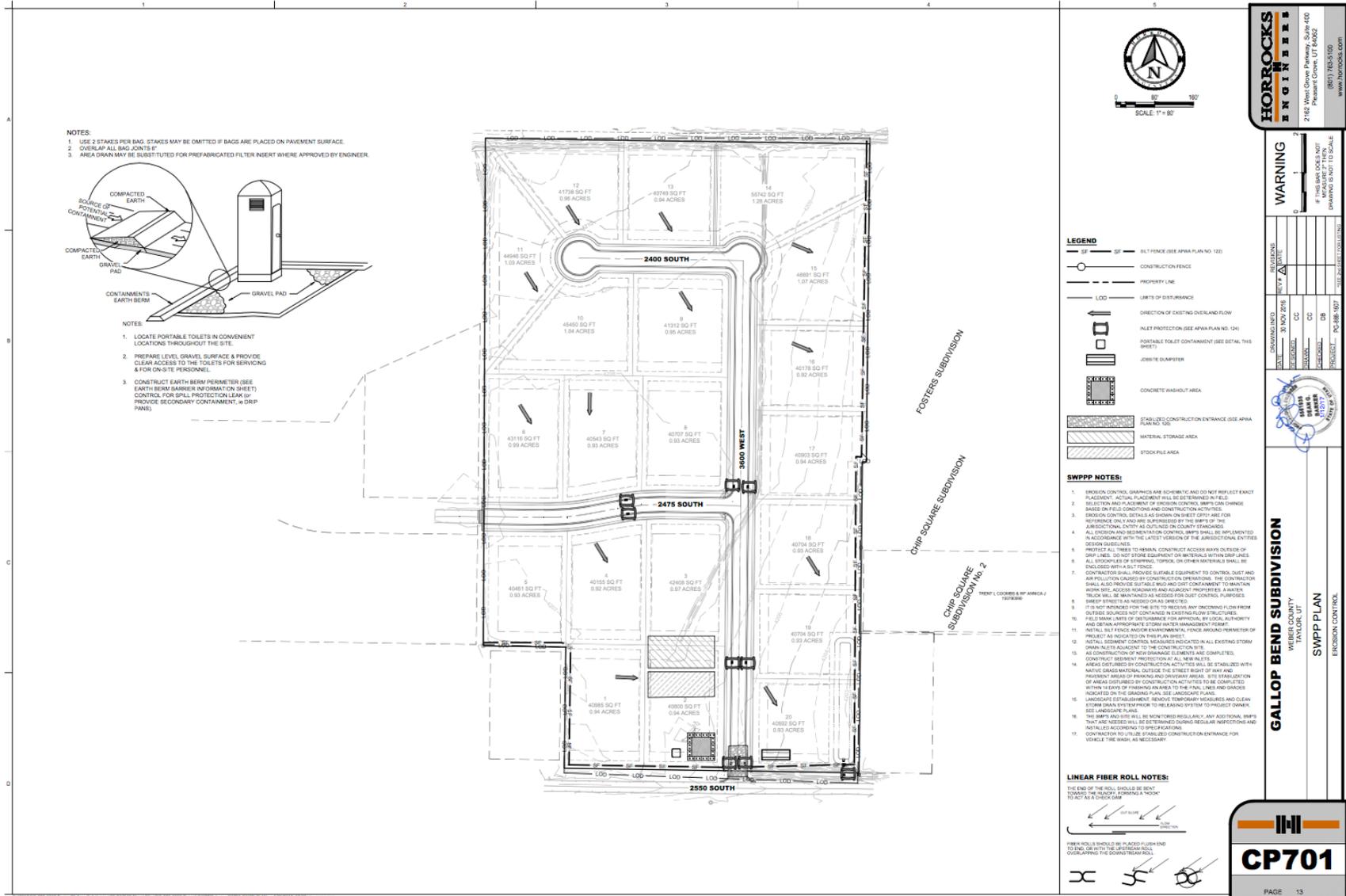
Appendix M – BMP Specifications

Appendix A –General Location Map





Appendix B – Site Map



Appendix C – Construction General Permit

Appendix D – NOI and Acknowledgement Letter from EPA/State/MS4

Appendix E – Inspection Reports

Inspector: _____ Date: _____
 Site Name and Location: _____
 Current Weather Conditions: _____ Last Rain Event >.5": _____
 Site Description: _____

BMP Designation	O.K	Not O.K.	BMP Condition, Corrective Action Required.
Are all pollution sources controlled? Do any other problems exist?			
Silt Fence			
Existing Asphalt Construction Entrance/Exit - Sweeping			
Material Storage Area			
Water to Control Dust			
Install Landscaping/Final Stabilization			
Construction Dumpsters			
Concrete Washout			
Inlet Protection – Straw Waddle			

I certify under penalty of law 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: _____ Title: _____
 Signature : _____ Date: _____

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 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		
6		
7		
8		
9		
10		



**We are pleased to inform you that your Stormwater
Inspector (RSI) registration has been renewed and is valid
until DEC 31 2018**

Two months prior to the expiration of your registration, you will receive a notification. To renew, you will need to provide information to verify that you have completed at least 8 hours of continuing education in areas related to construction site inspection and storm water quality on construction sites, be taught in blocks of time no less than one hour, and have documentation for attendance. You will also be required to complete at least 10 construction site inspections. These inspections must be performed on sites required to have a UPDES Storm Water General Permit for Construction Activities and must be intended to inspect for permit requirements. Inspections on non-UPDES sites may also qualify but are subject to RSI committee review. Your notification will give you further information regarding the renewal process. Congratulations and we hope that your registration will prove beneficial to you and your employer.

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: _____