

STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER QUALITY
195 North 1950 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870 (801) 536-4300

NOI

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity Under the UPDES General Permit No. UTR369429 SEE REVERSE FOR INSTRUCTIONS

Submission of this Notice of Intent constitutes notice that the party(s) identified in Section I of this form intends to be authorized by UPDES General Permit No. UTR369429 issued for storm water discharges associated with construction activity in the State of Utah. Becoming a permittee obligates such discharger to comply with the terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.

Is this NOI seeking continuation for previously expired permit coverage at the same site? Y N
If yes, what is the number of the previous permit coverage? Permit No. UTR365847

Permit Start Date 11/25/2014 Permit Expiration Date: 11/25/2015

I. OPERATOR INFORMATION

Name (Owner): Jack Fisher Construction of Northern Utah Phone: 801-335-8500
Address: 1148 W. Legacy Crossing Blvd #400 Status of Owner/Operator: PRIVATE
City: CENTERVILLE State: UT Zip: 84014
Contact Person: Dan Ross Phone: 801-361-5555

Name (Operator): Jack Fisher Construction of Northern Phone: 801-335-8500
Address: 1148 W. Legacy Crossing Blvd #400 Status of Owner/Operator: PRIVATE
City: CENTERVILLE State: UT Zip: 84014
Contact Person: Dan Ross Phone: 801-361-5555

II. FACILITY SITE / LOCATION INFORMATION

Name: Edgewater Beach Subdivision
Project No. (if any):
Address: SR-39 County: WEBER
City: HUNTSVILLE State: UT Zip: 84317
Latitude: 41.250244 Longitude: 111.794981
Method (check one): USGS Topo Map, Scale EPA Web site GPS Other

Is the facility located in Indian Country?

Y N

III. SITE INFORMATION

Municipal Separate Storm Sewer System (MS4) Operator Name: Weber County
Receiving Water Body: Pineview Reservoir known this is known this is a guess
Estimate of distance to the nearest water body? .5 miles ft. miles.
Is the receiving water an impaired or high quality water body (see <http://wq.deq.utah.gov/>)? Yes No
List the Number of any other UPDES permits at the site:

IV. TYPE OF CONSTRUCTION (Check all that apply)

1. Residential 2. Commercial 3. Industrial 4. Road 5. Bridge 6. Utility
7. Contouring, Landscaping 8. Pipeline 9. Other (Please list)

INSTRUCTIONS

Notice Of Intent (NOI) For Permit Coverage Under the UPDES General Permit For Storm Water Discharges From Construction Activities

Who Must File A Notice Of Intent (NOI) Form State law at UAC R317-8-3.9 prohibits point source discharges of storm water from construction activities to a water body(ies) of the State without a Utah Pollutant Discharge Elimination System (UPDES) permit. The operator of a construction activity that has such a storm water discharge must submit a NOI to obtain coverage under the UPDES Storm Water General Permit. If you have questions about whether you need a permit under the UPDES Storm Water program, or if you need information as to whether a particular program is administered by EPA or a state agency, contact the storm water coordinator at (801) 536-4300.

Where To File NOI Form The preferred method of submitting an NOI to apply for the construction general storm water permit (CGP) is electronically on-line at <http://www.waterquality.utah.gov/UPDES/stormwatercon.htm>. The fee can be submitted on line also. If on-line is not an option for you send a paper form of the NOI to the following address:

Department of Environmental Quality
Division of Water Quality
P.O. Box 144870
Salt Lake City, UT 84114-4870

Beginning of Coverage CGP coverages are issued immediately after submitting an NOI with the permit fee. The permittee should be aware that though you may not have a permit in hand, if you have submitted a completed NOI with the permit fee you are covered by the conditions in the permit and will be expected to comply with permit conditions. You can print a copy of the CGP from the DWQ web site.

Permit Fees. The permit fee is \$150.00 per year. The fee is paid by Visa/Master Card on-line when an NOI is filed (by check if submitted with a paper NOI). If the project continues for more than one year the fee must be submitted again in a renewal process on-line. CGP coverage will not be issued until the fee is paid.

Length of Coverage: CGP coverage starts the day that the NOI and fee is received at DWQ and expires a year from issuance. All CGP coverages must be renewed within 60-days after the yearly expiration date, or be terminated with a notice of termination (NOT) before the expiration date. To terminate the permit the site must meet the permit conditions for final stabilization (see permit definitions), or must continue under a different permit holder. In most cases the DWQ or municipality of jurisdiction will perform a final inspection when a CGP coverage submits an NOT. If the site passes the final inspection the permit is terminated.

The Storm Water General Permit for Construction Activities UTRC00000 will expire on May 30, 2019. The Clean Water Act requires that all UPDES permits be renewed every 5 years. If a project extends beyond the expiration date of the Permit it must continue coverage under the renewed permit that will subsequently be developed to continue the same or similar permit coverage for construction activity.

SECTION I - FACILITY OPERATOR INFORMATION Supply the legal name(s) of the person(s), firm(s), public organization(s), or any other entity(ies) that qualifies as the owner of the project (see permit definitions). Do the same for the operator (most commonly the general contractor) that conducts the construction operation at the facility or site to be permitted. The owner and the general contractor of the project may be the same.

Enter the complete address and telephone number of the owner and operator and a contact person and number for each. Enter the appropriate letter to indicate the legal status of the operator of the facility.

F = Federal M = Public (other than Fed or State) S = State P = Private

SECTION II - FACILITY/SITE LOCATION INFORMATION Enter the facility name or legal name and project number (if any) of the site and complete street address, including city, state and ZIP code. The latitude and longitude of the facility must be included to the approximate centroid of the site, and the method of how the Lat/Long was obtained (USGS maps, GPS, Internet Map sites [such as Google Earth], or other).

Indicate whether the facility is located in Indian Country. If the facility is located in Indian Country, do not complete this NOI, instead submit an application for coverage under a storm water permit to EPA Region VIII except for facilities on the Navajo Reservation or on the Goshute Reservation which should submit an application to EPA Region IX.

SECTION III - SITE ACTIVITY INFORMATION If the storm water discharges to a municipal separate storm sewer system (MS4), enter the name of the operator of the MS4 (e.g., the name of the City or County of jurisdiction) and the receiving water of the discharge from the MS4 if it is known (if it is not known please estimate or guess and indicate so). (An MS4 is defined as a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by a state, city, town, county, district, association or other public body which is designed or used for collecting or conveying storm water).

For Impaired Waters: Go to <http://wq.deq.utah.gov> and identify the water body that will receive the storm water discharge from the permitted site, on the map provided at the web site (zoom in for easier resolution). On the left hand side of the page you will see "2010 Assessment" or "2013 Assessment" depending on the year you refer to the web site (the assessment is done every 3 years). The 20XX Assessment the will indicate if the water is impaired. If there is nothing after 20XX Assessment or the narrative after does not include the word "impaired", your receiving water is not impaired.

For High Quality Waters: On the web page referred to in the paragraph above on the left hand side of the page you will see "Anti-Degradation Category". Under Anti-Degradation Category you will see the category of the water body. Only categories 1 and 2 are high quality water bodies. Some waters may be both categories 1 and 3. If your water body is both category 1 and 3 it means the headwaters of your water body is within Forest Service boundaries, and because it is within Forest Service boundaries it is category 1. If your project is within Forest Service boundaries then your water body is category 1 and it is "high quality". If your project is not within Forest Service boundaries then your water body is category 3 and is not "high quality". Again, category 1 waters are high quality waters, category 3 waters are not high quality waters.

SECTION IV - TYPE OF CONSTRUCTION Check each type of construction that applies to this application.

SECTION V - BEST MANAGEMENT PRACTICES Check each type of best management practice that will be used to control storm water runoff at the job site.

SECTION VI - GOOD HOUSEKEEPING PRACTICES Check each type of good housekeeping practice that you will use on the site any time during construction activities.

SECTION VII - ADDITIONAL Provide an estimate of the total number of acres of the site on which soil will be disturbed (to the nearest hundredth of an acre). An email address is required of the best contact associated with the project for the communication needs.

SECTION VIII - CERTIFICATION State statutes provide for severe penalties for submitting false information on this application form. State regulations require this application to be signed as follows:

For a corporation: by a responsible corporate officer, which means: (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or

For a municipality, state, Federal, or other public facility: by either a principal executive officer or ranking elected official.

POLLUTION PREVENTION PLAN A storm water pollution prevention plan (SWP3) is required to be in hand before the NOI can be submitted. It is important to know SWP3 requirements (contained in the permit) even during the design portion of the project. A copy of the permit can be obtained from the Division of Water Quality's storm water construction web site. Guidance material for developing a SWP3 can be obtained from the Division of Water Quality's storm water construction web site.

V. BEST MANAGEMENT PRACTICES

Identify proposed Best Management Practices (BMPs) to reduce pollutants in storm water discharges (Check all that apply):

- 1. Silt Fence/Straw Wattle/Perimeter Controls
- 2. Sediment Pond
- 3. Seeding/Preservation of Vegetation
- 4. Mulching/Geotextiles
- 5. Check Dams
- 6. Structural Controls (Berms, Ditches, etc.)
- 7. Other (Please list)

VI. GOOD HOUSEKEEPING PRACTICES

Identify proposed Good Housekeeping Practices to reduce pollutants in storm water discharges (Check all that apply even if they apply only during a part of the construction time):

- 1. Sanitary/Portable Toilet
- 2. Washout Areas
- 3. Construction Chemicals/Building Supplies Storage Area
- 4. Garbage/Waste Disposal
- 5. Non-Storm Water
- 6. Track Out Controls
- 7. Spill Control Measures

VII. ADDITIONAL

Estimated Area to be Disturbed (in Acres): 3.74

Total Area of Plot (in Acres): 3.74

A storm water pollution prevention plan has been prepared for this site and is to the best of my knowledge in Compliance with State and/or Local Sediment and Erosion Plans and Requirements. Y N
(A pollution prevention plan is required to be on hand before submittal of the NOI.)

Enter the best e-mail address to contact the permittee: danr@jackfisherhomes.com

VIII. CERTIFICATION: I certify under penalty of law that I have read and understand the Part 1 eligibility requirements for coverage under the general permit for storm water discharges from construction activities. I further certify that to the best of my knowledge, all discharges and BMPs that have been scheduled and detailed in a storm water pollution prevention plan will satisfy requirements of this permit. I understand that continued coverage under this storm water general permit is contingent upon maintaining eligibility as provided for in Part 1.

I also certify under penalty of law that this document and all attachments were prepared under the direction or supervision of those who have placed their signature(s) below, in accordance with a system designed to assure that qualified personnel properly gather and evaluate 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.

Print Name (Owner):

Date:

Jack Fisher Construction of Northern Utah

Signature:

11/25/14

Print Name (Operator):

Date:

JACK FISHER CONSTRUCTION OF NORTHERN UTAH

Signature:

11/25/14

Amount of Permit Fee Enclosed: \$ 150.00



Utah Department of Environmental Quality

195 North 1950 West
Salt Lake City, Utah 84114-4820
Attn: DAQ, Fugitive Dust Control Plan

Fugitive Dust Control Plan Application

Applicants have the option to complete the online dust control plan on the DEQ Online Services webpage or to submit a hard copy application.

Activities regulated by R307-309 may not commence before obtaining approval of the fugitive dust control plan. Therefore, online filing is encouraged because it provides instant approval.

Blank spaces must be completed for the application to be processed. If not applicable, enter N/A.

1. Applicant Information

Name: Jack Fisher Construction of Northern Utah
Address: 1148 W. Legacy Crossing Blvd Suite 400, UT 84014
Phone: 801-335-8500
Email: danr@jackfisherhomes.com
Applicant Type: Property Owner

2. Project Information

Project Name: Edgewater Beach Subdivision
Address: Hwy 39 HUNTSVILLE, UT 84317
County: WEBER
Directions: West of old Snow Basin Rd
Acreage: 3.74
Latitude: 41.250244
Longitude: 111.794981

3. Point of Contact

Name: Dan Ross
Company Name: Jack Fisher Construction of Northern Utah
Address: 1148 W. Legacy Crossing Blvd Suite 400, UT 84014
Phone: 801-335-8500
Fax:
Cell: 801-361-5555

4. On-site Superintendent/Supervisor/Foreman Contact

Name: Doug Rich
Company Name: Jack Fisher Construction of Northern Utah
On-Site Phone: 801-335-8500
Cell: 801-510-7007

5. By signing this permit application I certify that:

A. I am authorized, on behalf of the individual or company listed in Section 1, as Applicant, to apply for a Fugitive Dust Control Plan and to commit to all of the terms and conditions of the requested plan.

B. Construction activities will be limited to lands that the applicant either owns or is authorized to use for construction activities.

C. The applicant accepts responsibility for assuring that all contractors, subcontractors, and all other persons on the construction site covered by this plan, comply with the terms and conditions of the Fugitive Dust Control Plan.

D. I understand that any false material statement, representation or certification made in this application may invalidate the plan or cause me to be subject to enforcement action pursuant to Utah Code Ann. 19-2-115.

E. Failure to comply with fugitive dust rules may result in compliance action and penalties up to \$10,000 per violation/day.

Date: 11/26/2014

Printed Name: Jack Fisher Construction of Northern Utah

Title: Property Owner

Company Name: Jack Fisher Construction of Northern Utah

Dust Plan Number: 5271

Dust Suppressants

	Check All that Apply
	Clay additives.
	Calcium chloride.
	Lime (calcium oxide).
	Magnesium chloride.
	Organic non-petroleum products, (ligninsulfonate, tall (pine) oil, and vegetable derivatives).
	Synthetic polymers (for example; polyvinyl acetate and vinyl acrylic).

FUGITIVE DUST CONTROL PLAN

PROJECT ACTIVITIES CHECKLIST INSTRUCTIONS:

PLACE A CHECK MARK NEXT TO EVERY ACTIVITY THAT WILL BE CONDUCTED ON THIS SITE, FOR EACH CHECKED ACTIVITY, COMPLETE THE CORRESPONDING CONTROL MEASURES/BEST MANAGEMENT PRACTICE (BMP) SELECTION PAGE. WHEN COMPLETED, YOU WILL HAVE THE OPTION TO PRINT THE ENTIRE PLAN.

	Project Activity	Check All that Apply
01	Backfilling area previously excavated or trenched.	X
02	Blasting soil & rock - drilling and blasting.	
03	Clearing for site preparation and vacant land cleanup.	X
04	Clearing forms, foundations, slab clearing and cleaning of forms, foundations and slabs prior to pouring concrete.	X
05	Crushing of construction and demolition debris, rock and soil.	
06	Cut and fill soils for site grade preparation.	X
07	Demolition - Implosive demolition of a structure, using explosives.	
08	Demolition - mechanical/manual demolition of walls, stucco, concrete, freestanding structures, buildings and other structures.	
09	Disturbed soil throughout project including between structures. THIS ACTIVITY MUST BE SELECTED FOR ALL PROJECTS.	X
10	Disturbed land - long term stabilization and erosion control of large tracts of disturbed land that will not have continuing activity for more than 30 days.	
11	Hauling materials.	X
12	Paving/subgrade preparation for paving streets, parking lots, etc.	X
13	Sawing/cutting material, concrete, asphalt, block or pipe.	X
14	Screening of rock, soil or construction debris.	
15	Staging areas, equipment storage, vehicle parking lots, and material storage areas.	X
16	Stockpiles materials (storage), other soils, rock or debris, for future use or export.	X
17	Tailings piles, ponds and erosion control.	

18	Trackout Prevention and Cleanup of mud, silt and soil tracked out onto paved roads.	X
19	Traffic - unpaved routes and parking, construction related traffic on unpaved interior and/or access roads and unpaved employee/worker parking areas.	X
20	Trenching with track or wheel mounted excavator, shovel, backhoe or trencher.	X
21	Truck loading with materials including construction and demolition debris, rock and soil.	X

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Stabilize backfill material when not actively handling.

<input checked="" type="checkbox"/> 01-01	Water backfill material to maintain moisture or to form crust.
<input type="checkbox"/> 01-02	Apply and maintain a chemical stabilizer to backfill material to form crust.
<input type="checkbox"/> 01-03	Cover (natural or synthetic) or enclose backfill material when not actively handling.

Stabilize backfill material during handling.

<input checked="" type="checkbox"/> 01-04	Empty loader bucket slowly and minimize drop height from loader bucket.
<input type="checkbox"/> 01-05	Dedicate water truck or large hose to backfilling equipment and apply water as needed.
<input checked="" type="checkbox"/> 01-06	Mix moist soil with dry soil until the optimum moisture is reached.
<input type="checkbox"/> 01-07	Apply and mix water into the backfill material until optimum moisture is reached.
<input type="checkbox"/> 01-08	Apply and mix water and chemical solution into the backfill material until optimum moisture is reached.

Stabilize soil at completion of backfilling activity.

<input checked="" type="checkbox"/> 01-09	Apply water and maintain disturbed soils in a stable condition.
<input type="checkbox"/> 01-10	Apply and maintain a chemical stabilizer on disturbed soils to form a crust.

Stabilize material while using pipe padder equipment.

<input checked="" type="checkbox"/> 01-11	Mix moist soil with dry soil until the optimum moisture is reached.
<input type="checkbox"/> 01-12	Dedicate water truck or large hose to equipment and apply water as needed.
<input type="checkbox"/> 01-13	Not Applicable

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Stabilize surface soils where support equipment and vehicles will operate.

03-01

Pre-water and maintain surface soils in a stabilized condition.

03-02

Apply and maintain a chemical stabilizer on surface soils.

Stabilize disturbed soil immediately after clearing and grubbing activities.

03-03

Water disturbed soils to form crust.

03-04

Apply and maintain a chemical stabilizer on disturbed soils to form crust.

Stabilize slopes at completion of activity.

03-05

Stabilize sloping surfaces using soil binders until vegetation or ground cover can effectively stabilize the slope.

03-06

Apply water and maintain sloping surfaces/wind breaks in a crusted condition.

Clearing forms, foundations, slab clearing and cleaning of forms, foundations and slabs prior to pouring concrete.

BMP 04

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION.

<input checked="" type="checkbox"/> 04-01	Use water spray to clear forms, foundations and slabs.
<input type="checkbox"/> 04-02	Use sweeping and water spray to clear forms, foundations and slabs.
<input type="checkbox"/> 04-03	Use industrial vacuum to clear forms, foundations and slabs prior to the use of high pressure air to blow soil and debris.
<input type="checkbox"/> 04-04	Use industrial vacuum to clear forms, foundations and slabs.

Cut and fill soils for site grade preparation.

BMP 06

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Stabilize surface soils where support equipment and vehicles will operate.

06-01

Pre-water and maintain surface soils in a stabilized condition.

06-02

Apply and maintain a chemical stabilizer to surface soils.

Pre-water soils.

06-03

Dig a test hole to depth of cut or equipment penetration to determine if soils are moist at depth. Continue to pre-water if not moist to depth of cut.

Stabilize soil during cut activities.

06-04

Apply water to depth of cut prior to subsequent cuts.

Stabilize soil after cut and fill activities.

06-05

Water disturbed soils to maintain moisture.

06-06

Apply and maintain a chemical stabilizer on disturbed soils to form crust following fill and compaction.

06-07

Apply cover (natural or synthetic).

Disturbed soil throughout project including between structures. THIS ACTIVITY MUST BE SELECTED FOR ALL PROJECTS.

BMP 09

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Limit disturbance of soils where possible.

- | | |
|---|---|
| <input type="checkbox"/> 09-01 | Limit disturbance of soils with the use of fencing, barriers, barricades, and/or wind barriers. |
| <input checked="" type="checkbox"/> 09-02 | Limit vehicle mileage and reduce speed. |

Stabilize and maintain stability of all disturbed soil throughout construction site.

- | | |
|---|--|
| <input checked="" type="checkbox"/> 09-03 | Apply water to stabilize disturbed soils. Soil moisture must be maintained such that soils can be worked without generating fugitive dust. |
| <input type="checkbox"/> 09-04 | Apply and maintain a chemical stabilizer. |
| <input type="checkbox"/> 09-05 | Use wind breaks. |
| <input type="checkbox"/> 09-06 | Apply cover (natural or synthetic). |

Hauling materials.

BMP 11

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Limit visible dust opacity from vehicular operations.

- | | |
|---|---|
| <input type="checkbox"/> 11-01 | Apply and maintain water/chemical suppressant to operational areas and haul routes. |
| <input checked="" type="checkbox"/> 11-02 | Limit vehicle mileage and speed. |

Stabilize materials during transport on site.

- | | |
|---|--|
| <input type="checkbox"/> 11-03 | Use tarps or other suitable enclosures on haul trucks. |
| <input checked="" type="checkbox"/> 11-04 | Apply water prior to transport. |

Clean wheels and undercarriage of haul trucks prior to leaving construction site.

- | | |
|---|---------------------------|
| <input type="checkbox"/> 11-05 | Clean wheels. |
| <input checked="" type="checkbox"/> 11-06 | Sweep or water haul road. |

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION.

Stabilize adjacent disturbed soils following paving activities.

<input checked="" type="checkbox"/> 12-01	Apply and maintain water on disturbed soils.
<input type="checkbox"/> 12-02	Apply and maintain chemical stabilizer on disturbed soils.
<input type="checkbox"/> 12-03	Stabilize disturbed soils with vegetation or hydroseeding.
<input type="checkbox"/> 12-04	Apply synthetic cover to disturbed soils.
<input type="checkbox"/> 12-05	There are no soils adjacent to paving activities.

Sawing/cutting material, concrete, asphalt, block or pipe.

BMP 13

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION.

Limit visible emissions.

13-01

Use water control to dust.

13-02

Use a vacuum to collect dust.

Staging areas, equipment storage, vehicle parking lots, and material storage areas. BMP 15

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Limit visible dust opacity from vehicular operations.

- | | |
|---|--|
| <input type="checkbox"/> 15-01 | Limit vehicle mileage and speed. |
| <input checked="" type="checkbox"/> 15-02 | Apply water on all vehicle traffic areas in the staging areas and unpaved access routes. |

Stabilize staging area soils during use.

- | | |
|---|---|
| <input checked="" type="checkbox"/> 15-03 | Pre-water and maintain surface soils in a stabilized condition. |
| <input type="checkbox"/> 15-04 | Apply and maintain a chemical stabilizer to surface soils. |

Stabilize staging area soils at project completion.

- | | |
|---|---|
| <input type="checkbox"/> 15-05 | Apply a chemical stabilizer. |
| <input type="checkbox"/> 15-06 | Apply screened or washed aggregate. |
| <input type="checkbox"/> 15-07 | Use wind breaks. |
| <input type="checkbox"/> 15-08 | Pave. |
| <input type="checkbox"/> 15-09 | Completed project will cover staging area with buildings, paving, and/or landscaping. |
| <input checked="" type="checkbox"/> 15-10 | Apply water to form adequate crust and prevent access. |

Stockpiles materials (storage), other soils, rock or debris, for future use or export.

BMP 16

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Stabilize surface soils where support equipment and vehicles will operate.

- | | |
|---|---|
| <input checked="" type="checkbox"/> 16-01 | Pre-water and maintain surface soils in a stabilized condition. |
| <input type="checkbox"/> 16-02 | Apply and maintain a chemical stabilizer on surface soils. |
| <input type="checkbox"/> 16-03 | Pave area. |

Stabilize stockpile materials during handling.

- | | |
|---|--|
| <input checked="" type="checkbox"/> 16-04 | Remove material from the downwind side of the stockpile, when safe to do so. |
| <input type="checkbox"/> 16-05 | Reduce height. |
| <input type="checkbox"/> 16-06 | Create wind screen |

Stabilize stockpiles after handling.

- | | |
|---|---|
| <input checked="" type="checkbox"/> 16-07 | Water stockpiles to form a crust immediately. |
| <input type="checkbox"/> 16-08 | Apply and maintain a chemical stabilizer to all outer surfaces of the stockpiles. |
| <input type="checkbox"/> 16-09 | Provide and maintain wind barriers on 3 sides of the pile. |
| <input type="checkbox"/> 16-10 | Apply a cover (natural or synthetic) |
| <input type="checkbox"/> 16-11 | Wind screen. |
| <input type="checkbox"/> 16-12 | Avoid steep sides to prevent material sloughing. |
| <input type="checkbox"/> 16-13 | Reduce height. |

Trackout Prevention and Cleanup of mud, silt and soil tracked out onto paved roads.

BMP 18

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Prevent dust from trackout.

<input checked="" type="checkbox"/> 18-01	Clean trackout at the end of the work shift from paved surfaces to maintain dust control
<input type="checkbox"/> 18-02	Maintain dust control during working hours and clean trackout from paved surfaces at the end of the work shift/day.
<input type="checkbox"/> 18-03	Install gravel pad(s), clean, well-graded gravel or crushed rock. Minimum dimensions must be 30 feet wide by 3 inches deep, and, at minimum, 50' or the length of the longest haul truck, whichever is greater. Re-screen, wash or apply additional rock in gravel pad to maintain effectiveness.
<input type="checkbox"/> 18-04	Install wheel shakers. Clean wheel shakers on a regular basis to maintain effectiveness.
<input type="checkbox"/> 18-05	Install wheel washers. Maintain wheel washers on a regular basis to maintain effectiveness.
<input type="checkbox"/> 18-06	Motorized vehicles will only operate on paved surfaces.
<input type="checkbox"/> 18-07	Install cattle guard before paved road entrance.

All exiting traffic must be routed over selected trackout control device(s).

<input checked="" type="checkbox"/> 18-08	Clearly establish and enforce traffic patterns to route traffic over selected trackout control device(s).
<input type="checkbox"/> 18-09	Limit site accessibility to routes with trackout control devices in place by installing effective barriers on unprotected routes.

Traffic - unpaved routes and parking, construction related traffic on unpaved interior and/or access roads and unpaved employee/worker parking areas.

BMP 19

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION.

Stabilize surface soils where support equipment and vehicles will operate.

<input type="checkbox"/> 19-01	Limit vehicle mileage and speeds.
<input checked="" type="checkbox"/> 19-02	Apply and maintain water on surface soils.
<input type="checkbox"/> 19-03	Apply and maintain chemical stabilizers on surface soils.
<input type="checkbox"/> 19-04	Apply and maintain gravel on surface soils.
<input type="checkbox"/> 19-05	Supplement chemical stabilizers, water or aggregate applications as necessary.
<input type="checkbox"/> 19-06	Apply recycled asphalt (RAP) to surface soils.

Trenching with track or wheel mounted excavator, shovel, backhoe or trencher.

BMP 20

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Presoak soils prior to trenching activities.

20-01 Pre-water surface.

Stabilize surface soils where trenching equipment, support equipment and vehicles will operate.

20-02 Pre-water and maintain surface soils in a stabilized condition.

20-03 Apply and maintain a chemical stabilizer to surface soils.

20-04 Limit mileage and speed.

Stabilize soils after trenching.

20-05 Apply and maintain water on excavated soil.

20-06 Apply and maintain chemical stabilizer on excavated soil.

Truck loading with materials including construction and demolition debris,
rock and soil.

BMP 21

**GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN
R307-309-5**

MAKE AT LEAST ONE SELECTION.

21-01

Pre-water and maintain surface soils in a stabilized condition where loaders,
support equipment and vehicles will operate.

21-02

Apply and maintain a chemical stabilizer on surface soils where loaders,
support equipment and vehicles will operate.

21-03

Empty loader bucket slowly and keep loader bucket close to the truck to
minimize the drop height while dumping.