



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: Jordan Valley Water Conservancy District
Address: 8215 1300 W, SOUTH JORDAN, UT 84088
Phone: 801-565-4300
Email: FrankR@jvwcd.org

Applicant Type:

2. Project Information

Project Name: Naniloa Reservoir Improvements
Address: 4772 Naniloa Drive HOLLADAY, UT 84117
County: SALT LAKE
Directions: From I-215 (East Loop) take 4500 South to Wallace Street to 4660 South head west to Naniloa Drive
Acreage: 1.0
Latitude: 40.665556
Longitude: 111.810556

3. Point of Contact

Name: Gordon Fuller
Company Name: Vancon Inc
Address: 18258 North Mountain Pkwy Springville, UT 84663
Phone: 8018510827
Fax:
Cell:

4. On-site Superintendent/Supervisor/Foreman Contact

Name: Doug Riley
Company Name: Vancon Inc.
On-Site Phone: 381-329-0581
Cell:

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: 04/09/2018

Printed Name: Jordan Valley Water Conservancy District

Title: null

Company Name: Vancon Inc

Dust Plan Number: 15551

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.	
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.	
05	Crushing of construction and demolition debris, rock and soil.	
06	Cut and fill soils for site grade preparation.	
07	Demolition - Implosive demolition of a structure, using explosives.	
08	Demolition - mechanical/manual demolition of walls, stucco, concrete, freestanding structures, buildings and other structures.	X
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.	X
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.	
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 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.

Demolition - mechanical/manual demolition of walls, stucco, concrete, freestanding structures, buildings and other structures.

BMP 08

Note: An asbestos survey may be necessary subject to NESHAP. All asbestos containing material must be removed prior to demolition.

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

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Stabilize surface areas where support equipment and vehicles will operate.

08-01

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

08-02

Apply and maintain a chemical stabilizer to surface soils.

08-03

Pave operational areas.

Stabilize demolition debris during handling.

08-04

Apply water.

Stabilize debris following demolition.

08-05

Apply water.

08-06

Apply a chemical stabilizer.

Stabilize surrounding area following demolition.

08-07

Apply water.

08-08

Apply and maintain a chemical stabilizer to stabilize.

**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 checked="" type="checkbox"/> 09-01	Limit disturbance of soils with the use of fencing, barriers, barricades, and/or wind barriers.
<input 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).

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. **BMP 10**

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

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Prevent access to limit soil disturbance.

10-01

Prevent access by fencing, ditches, vegetation, berms or other suitable barrier.

Stabilize soil.

10-02

Apply and maintain a chemical stabilizer on disturbed soils.

10-03

Stabilize disturbed soil with vegetation.

10-04

Pave or apply surface rock.

10-05

Use wind breaks.

10-06

Apply water and maintain soil moisture sufficient to avoid generating fugitive dust.

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 checked="" type="checkbox"/> 11-03 | Use tarps or other suitable enclosures on haul trucks. |
| <input 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
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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 checked="" type="checkbox"/>	15-09	Completed project will cover staging area with buildings, paving, and/or landscaping.
<input type="checkbox"/>	15-10	Apply water to form adequate crust and prevent access.

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 type="checkbox"/> 18-01	Clean trackout at the end of the work shift from paved surfaces to maintain dust control
<input checked="" 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 checked="" 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 checked="" type="checkbox"/> 19-01	Limit vehicle mileage and speeds.
<input 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.