

Disturbed Area Stabilization (With Mulching Only) [D1]

DEFINITION
Applying plant residues or other suitable materials, produced on the site, to the soil surface.

PURPOSE
• To reduce runoff and erosion
• To conserve moisture
• To prevent surface compaction or crusting
• To control undesirable vegetation
• To modify soil temperature
• To increase biological activity in the soil

REQUIREMENT FOR REGULATORY COMPLIANCE
Mulch or temporary grassing shall be applied to an exposed area within 14 days of disturbance. Mulch can be used as a temporary erosion control device for up to 30 months, but it shall be replaced at the appropriate depth, depending on the material used, and have a minimum 50% cover of greater on the soil surface.

Maintenance shall be required to maintain appropriate depth and 50% cover. Temporary vegetation may be established instead of mulch if the area will remain undisturbed for less than six months.

If any area still remains undisturbed for greater than six months, permanent vegetation techniques shall be employed. Refer to D2-D3.

SDG&D 01/17/2019

Disturbed Area Stabilization (With Temporary Seeding) [D2]

DEFINITION
The establishment of temporary vegetation cover with fast growing seedlings for natural protection on disturbed or denuded areas.

PURPOSE
• To reduce soil and sediment damage of down stream resources
• To protect the soil surface from erosion
• To improve aesthetics
• To increase soil infiltration and aeration as well as organic matter for permanent plants

REQUIREMENT FOR REGULATORY COMPLIANCE
Mulch or temporary grassing shall be applied to an exposed area within 14 days of disturbance. Temporary grassing, instead of mulch, can be applied to rough ground areas that will be covered for less than six months. If an area is expected to be undisturbed for longer than six months, permanent vegetation shall be used. Conditions for planting conditions for temporary grassing in seedlings, which can be used as a single alternative method for up to six months but it shall be applied at the appropriate time, and have a continuous 50% cover or greater of the soil surface. Refer to specification D3-Disturbed Area Stabilization With Temporary Seeding.

SDG&D 01/17/2019

Disturbed Area Stabilization (With Permanent Vegetation) [D3]

DEFINITION
The planting of permanent vegetation such as trees, shrubs, vines, grasses, or legumes on exposed areas for final permanent stabilization. Permanent permanent vegetation shall be used to achieve final stabilization.

PURPOSE
• To reduce erosion from sediment and runoff to down stream areas
• To improve wildlife habitat and visual resources
• To improve aesthetics

REQUIREMENT FOR REGULATORY COMPLIANCE
This practice shall be applied immediately to rough ground areas that will be undisturbed for longer than six months. This practice or seeding shall be applied immediately to all areas to be stabilized and that for undisturbed areas and areas not covered by permanent structures, use areas located outside the waste disposal facility of a landfill that has been certified by the U.S. EPA. 50% to 70% of the soil surface is undisturbed or, at least, 50% of the soil surface is covered by permanent vegetation with a stability of 70% or greater, as indicated according to the Plan Uniformly covered with final seeding materials in planned (reoccurring areas) or equivalent permanent stabilization measures.

PLANNING CONSIDERATIONS
1. Use conventional planting methods where possible.
2. Where related plantings are done during the same planting period, companion crops shall be used.
3. Seed planting is effective when planting is done following a superior or superior or soil cover crop. (See related specifications D2-D3 and D4-D5.)
4. Block soil provides immediate cover. It is especially effective in controlling erosion adjacent to concrete forms and other structures. Refer to specification D4-Disturbed Area Stabilization (With Seeding).
5. Inigation practices, such as when the soil is very dry, when extreme droughts are common, low moisture plastics, as well as mulches, should be used to ensure long-lasting erosion control.
7. Mowing should not be performed during the seedling period (Day 0 to Day 30).
8. Wildlife plantings should be included in critical area plantings.

SDG&D 01/17/2019

Disturbed Area Stabilization (With Temporary Seeding) [D4]

DEFINITION
The establishment of temporary vegetation cover with fast growing seedlings for natural protection on disturbed or denuded areas.

PURPOSE
• To reduce soil and sediment damage of down stream resources
• To protect the soil surface from erosion
• To improve aesthetics
• To increase soil infiltration and aeration as well as organic matter for permanent plants

REQUIREMENT FOR REGULATORY COMPLIANCE
Mulch or temporary grassing shall be applied to an exposed area within 14 days of disturbance. Temporary grassing, instead of mulch, can be applied to rough ground areas that will be covered for less than six months. If an area is expected to be undisturbed for longer than six months, permanent vegetation shall be used. Conditions for planting conditions for temporary grassing in seedlings, which can be used as a single alternative method for up to six months but it shall be applied at the appropriate time, and have a continuous 50% cover or greater of the soil surface. Refer to specification D3-Disturbed Area Stabilization With Temporary Seeding.

SDG&D 01/17/2019

SILT FENCE - TYPE SENSITIVE

DEFINITION
A silt fence constructed of fabric or geotextile material, supported by a frame, designed to filter sediment from runoff water.

PURPOSE
• To reduce sediment and silt from runoff water
• To filter sediment from runoff water
• To filter sediment from runoff water

REQUIREMENT FOR REGULATORY COMPLIANCE
Silt fences shall be constructed in accordance with the following specifications:
1. Silt fences shall be constructed of fabric or geotextile material supported by a frame.
2. Silt fences shall be constructed of fabric or geotextile material supported by a frame.
3. Silt fences shall be constructed of fabric or geotextile material supported by a frame.

SDG&D 01/17/2019

FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

DEFINITION
A structure designed to filter sediment from runoff water at the inlet of a storm drain or ditch.

PURPOSE
• To reduce sediment and silt from runoff water
• To filter sediment from runoff water
• To filter sediment from runoff water

REQUIREMENT FOR REGULATORY COMPLIANCE
Fabric and supporting frame for inlet protection shall be constructed in accordance with the following specifications:
1. Fabric and supporting frame for inlet protection shall be constructed of fabric or geotextile material supported by a frame.
2. Fabric and supporting frame for inlet protection shall be constructed of fabric or geotextile material supported by a frame.
3. Fabric and supporting frame for inlet protection shall be constructed of fabric or geotextile material supported by a frame.

SDG&D 01/17/2019

CRUSHED STONE CONSTRUCTION EXIT

DEFINITION
A structure designed to filter sediment from runoff water at the exit of a storm drain or ditch.

PURPOSE
• To reduce sediment and silt from runoff water
• To filter sediment from runoff water
• To filter sediment from runoff water

REQUIREMENT FOR REGULATORY COMPLIANCE
Crushed stone construction exit shall be constructed in accordance with the following specifications:
1. Crushed stone construction exit shall be constructed of crushed stone.
2. Crushed stone construction exit shall be constructed of crushed stone.
3. Crushed stone construction exit shall be constructed of crushed stone.

SDG&D 01/17/2019

STANDARD CONSTRUCTION DETAILS TREE PROTECTION

DEFINITION
A structure designed to protect trees from damage during construction.

PURPOSE
• To protect trees from damage during construction
• To protect trees from damage during construction
• To protect trees from damage during construction

REQUIREMENT FOR REGULATORY COMPLIANCE
Tree protection shall be constructed in accordance with the following specifications:
1. Tree protection shall be constructed of wood or metal.
2. Tree protection shall be constructed of wood or metal.
3. Tree protection shall be constructed of wood or metal.

SDG&D 01/17/2019

CONCRETE WASHOUT AREA

DEFINITION
A structure designed to collect and contain washwater from concrete operations.

PURPOSE
• To collect and contain washwater from concrete operations
• To collect and contain washwater from concrete operations
• To collect and contain washwater from concrete operations

REQUIREMENT FOR REGULATORY COMPLIANCE
Concrete washout area shall be constructed in accordance with the following specifications:
1. Concrete washout area shall be constructed of concrete.
2. Concrete washout area shall be constructed of concrete.
3. Concrete washout area shall be constructed of concrete.

SDG&D 01/17/2019

Table 6-5.1. Fertilizer Requirements [D6]

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT NPK	RATE	N TOP DRESSING RATE
1. Cool season grasses	First	6-12-12	1000 lbs./ac.	50-100 lbs./ac. 1/2
	Maintenance	18-10-10	400 lbs./ac.	33
2. Cool season grasses and legumes	First	6-12-12	1000 lbs./ac.	0.00 lbs./ac. 1/2
	Maintenance	8-8-10	400 lbs./ac.	---
3. Ground covers	First	10-10-10	1000 lbs./ac. 1/2	---
	Maintenance	10-10-10	1000 lbs./ac. 1/2	---
4. Pine seedlings	First	25-10-5	500 lbs./ac. 1/2	---
	Maintenance	---	---	---
5. Wildflowers	First	0-15-10	100 lbs./ac.	---
	Maintenance	0-15-10	700 lbs./ac. 1/2	---
6. Warm season grasses	First	6-10-12	1000 lbs./ac.	50-100 lbs./ac. 2/3
	Maintenance	10-10-10	400 lbs./ac.	30 lbs./ac.
7. Warm season grasses and legumes	First	6-12-12	1000 lbs./ac.	50 lbs./ac. 1/2
	Maintenance	5-10-10	400 lbs./ac.	---

1/2 Apply in spring following seeding.
2/3 Apply in fall application when high rates are used.
--- Apply in spring or fall.
--- Apply when plants are young.
--- Apply when plants are young.

SDG&D 01/17/2019

DUST CONTROL

DEFINITION
Measures designed to reduce dust emissions from construction activities.

PURPOSE
• To reduce dust emissions from construction activities
• To reduce dust emissions from construction activities
• To reduce dust emissions from construction activities

REQUIREMENT FOR REGULATORY COMPLIANCE
Dust control measures shall be constructed in accordance with the following specifications:
1. Dust control measures shall be constructed of water or chemical.
2. Dust control measures shall be constructed of water or chemical.
3. Dust control measures shall be constructed of water or chemical.

SDG&D 01/17/2019

WATERWAY

DEFINITION
A structure designed to convey water from one point to another.

PURPOSE
• To convey water from one point to another
• To convey water from one point to another
• To convey water from one point to another

REQUIREMENT FOR REGULATORY COMPLIANCE
Waterway shall be constructed in accordance with the following specifications:
1. Waterway shall be constructed of concrete or masonry.
2. Waterway shall be constructed of concrete or masonry.
3. Waterway shall be constructed of concrete or masonry.

SDG&D 01/17/2019

CONCRETE WASHOUT AREA

DEFINITION
A structure designed to collect and contain washwater from concrete operations.

PURPOSE
• To collect and contain washwater from concrete operations
• To collect and contain washwater from concrete operations
• To collect and contain washwater from concrete operations

REQUIREMENT FOR REGULATORY COMPLIANCE
Concrete washout area shall be constructed in accordance with the following specifications:
1. Concrete washout area shall be constructed of concrete.
2. Concrete washout area shall be constructed of concrete.
3. Concrete washout area shall be constructed of concrete.

SDG&D 01/17/2019

PROFESSIONAL SEAL
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JOB NAME: BEACH HIGH SCHOOL AUDITORIUM
SHEET NAME: SITE LAYOUT
JOB NO: 201801
DATE: SEPT 14, 2016 100% SCHEMATIC DESIGN
OCT 29, 2016 100% CONST. DEVELOPMENT
APRIL 5, 2018 80% CONST. DOCUMENTS
MAY 17, 2019 100% CONST. DOCUMENTS

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EROSION SEDIMENTATION AND POLLUTION CONTROL DETAILS

NOT RELEASED FOR CONSTRUCTION FACILITY CODE: 625-0312

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