



Note: This checklist is required for each day a hydroseed application is performed. The checklist will be submitted as part of the Inspector's Daily Report.

Weather - Use up to four weather descriptions from the following four groups as applicable.

HOT 80+ degrees	CLR Clear	SHWR Shower	HAIL Hail
COOL 30-50 degrees	PCLD Partly Cloudy	RAIN Rain	SNOW Snow
COLD 30- degrees	OCST Overcast	HVRN Heavy Rain	FRZN Frozen Ground
	FOG Fog		HWND High Winds

Soil & Seeding Preparation Checklist -Describe the contractor's work activity preceding hydroseeding e.g. topsoil, soil amendments, compost, cultivating/tilling, special provision work and any deviations of required activities in areas like steep slopes, near streams or flow channels, etc.

Verify all soil & seeding preparation activities have been completed and accepted.

Item, Description, and Location of Work -This section identifies the bid item, location of Work and area to receive seed. The combined area should match the Total Acres at the top of the checklist. This work should match the IDR's reporting.

Contractor's Equipment & Materials -List all equipment, including identification or model numbers and a description such as size, horsepower, capacity, and tank size, etc.

<u>Seed Mix</u>	Verify seed mix labels and lot numbers match the approved RAM. Verify lbs./acre from the special provisions to the total lbs. of seed required with area to be installed.
<u>Hydraulic Mulch</u>	Verify hydraulic mulch matches approved RAM. Verify total bales or lbs. is sufficient for the area to be installed. Use the Loading Chart below.
<u>Fertilizer</u>	Verify fertilizer matches approved RAM. Verify lbs./acre from the special provisions to the total lbs. of fertilizer with the area to be installed.
<u>Other</u>	Additional lines for fill-in, e.g. Biotic Soil Amendments, tackifier, additional seed mixes, etc. Verify special provisions with quantities required with area to be installed.

Hydroseed Application Checklist -Use the appropriate table based on West of the Cascades or East of the Cascades. Use the loading chart as guidance to determine the number of lbs or bales of hydraulic mulch and correlated lbs of seed and fertilizer in each load. Seed and fertilizer (# of loads & lbs per load) is determined by dividing the acres to be installed by the acres of the correlated equipment tank size and rate of hydraulic mulch with acres. Refer to manufacturer's specifications as applicable.

Loading Chart for Hydraulic Mulch

Tank Size (gal)	# of 50-lb bales	Mulch Fiber (lb)	1500 lb/acre		2000 lb/acre		3500 lb/acre	
			Sq Ft	Acres	Sq Ft	Acres	Sq Ft	Acres
100	1	50	1,452	0.03	1,089	0.03	498	0.01
250	2.5	125	3,630	0.08	2,723	0.06	1,245	0.03
300	3	150	4,356	0.10	3,267	0.08	1,493	0.04
500	5	250	7,260	0.17	5,445	0.13	2,489	0.06
700	7	350	10,164	0.23	7,623	0.18	3,485	0.08
750	7.5	375	10,890	0.25	8,168	0.19	3,734	0.09
900	9	450	13,068	0.30	9,801	0.23	4,480	0.10
1,000	10	500	14,520	0.33	10,890	0.25	4,978	0.11
1,500	15	750	21,780	0.50	16,335	0.38	7,467	0.17
2,000	20	1,000	29,040	0.67	21,780	0.50	9,957	0.23
2,500	25	1,250	36,300	0.83	27,225	0.63	12,446	0.29
3,000	30	1,500	43,560	1.00	32,670	0.75	14,935	0.34
3,500	35	1,750	50,820	1.17	38,115	0.88	17,424	0.40
4,000	40	2,000	58,080	1.33	43,560	1.00	19,913	0.46

HECP Long Term Mulch shall be hydraulically applied at the rate of 3500 pounds per acre with no more than 2000 pounds applied in any single lift. This may require multiple applications from different directions and the use of hoses based on project location. Special Provisions may require additional installation requirements.

Inspection -Verify Coverage is adequate using the visual guidance below as reference. No shadowing shall be present after final application.





Sheet _____ of _____ Sheets		
Contract _____	SR Nos. _____	Total Acres in Bid Item _____
Prime Contractor A. _____	Acres installed on Date _____	Date of Application _____
Representative / Title _____	Weather (See Instructions)	
Subcontractor B. _____		
Representative / Title _____		

Soil & Seeding Preparation Checklist

Description of Work	Activity Performed	Required? (Y/N)	Completed? (Y/N)
	Decompaction		
	Topsoil		
	Soil Amendment (compost, etc)		
	Construction Debris Removed		
	Weed Free & Bare Soil		
	Track Walked		

Item, Description, and Location of Work

Item No.	Contract Item Description	Location	Area (acres)

Contractor's Equipment & Materials

Equipment - ID No. & Description	Product Materials	Source Approved	Per Acre Req'd	Total Qty Verified	Quantity Sufficient?
	Seed Mix				
	Hydraulic Mulch				
	Fertilizer				
Tank Size _____	Other (_____)				

Hydroseed Application Checklist

Application Requirements	Activity Performed	# of Load Req'd	Lbs Req'd per Load	Verified?
West of the Cascades	Seed Mix (first application)			
	Fertilizer (first application, if applicable)			
	Mulch (first application)			
	Mulch (second application)			
East of the Cascades	Seed Mix (first application)			
	Fertilizer (first application, if applicable)			
	Mulch (second application)			
	Mulch (third application)			

Inspection

Coverage Met (Y/N) (see guidance)	Yes	No
Photos/Videos taken today?	Yes	No

Inspector _____

Reviewed By _____