



STATE OF COLORADO
Department of Natural Resources

Page 1 of 2

ORDER		*****IMPORTANT*****				
Number:	POGG1,PDAA,202100003018	The order number and line number must appear on all invoices, packing slips, cartons, and correspondence.				
Date:	4/16/21	BILL TO				
Description:	WPG GF Land Use; Denver Regional Land Cover Proj CMS#168584	COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Effective Date:	05/01/21	SHIP TO COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Expiration Date:	06/30/22					
BUYER		SHIPPING INSTRUCTIONS				
Buyer:		Delivery/Install Date: -				
Email:		FOB: FOB Dest, Freight Allowed				
VENDOR						
DENVER REGIONAL COUNCIL OF GOVTS 1001 17th St Ste 700 Denver, CO 80202						
Contact:	Accounts Payable					
Phone:	303-455-1000					
VENDOR INSTRUCTIONS						
EXTENDED DESCRIPTION						
"Grant for Denver Regional Land Cover Project per attached Exhibit A Scope of Work and Exhibit B Budget".						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$101,102.50	<input type="checkbox"/>
Description:		WPG GF Land Use; Denver Regional Land Cover Proj CMS#168584				



STATE OF COLORADO

Department of Natural Resources

Page 2 of 2

The land cover dataset will cover the DRCOG region with a 1-meter resolution product with an overall classification accuracy of 90% when delineating into the following classes:

1. Structures

Human-constructed objects made of impervious materials that are greater than approximately 2 meters in height. Houses, malls, and electrical towers are examples of structures. MMU = 9 square meters

2. Impervious Surfaces

Human-constructed surfaces through which water cannot penetrate, and that are below approximately 2 meters in height. This includes asphalt, concrete, gravel, pavement, treated lumber (e.g. docks and decks), and dirt roads etc. MMU = 9 square meters, minimum 2 meters wide for linear features

3. Water

All areas of open water, generally with less than 25% cover of vegetation/land cover. This includes water-filled backyard pools, ponds, lakes, rivers, natural tidal pools in wetland areas, and boats that are not attached to docks. MMU = 9 square meters.

4. Grassland/prairie

Large open semi-arid areas composed of perennial grasses and herbaceous vegetation. These lands are often used for ranching and grazing but are not managed beyond these activities. This class also includes unmanaged natural ground cover that is less than a meter tall, such as wetland areas. MMU = 9 square meters.

5. Shrubland/scrubland

Areas dominated by shrubs; less than 5 meters tall with shrub canopy typically greater than 20% of total vegetation. This class includes true shrubs, young trees in an early successional stage or trees stunted from environmental conditions. MMU = 9 square meters.

6. Tree Canopy

Deciduous and evergreen woody vegetation of either natural succession or human planting that is over approximately 5 meters in height. Stand-alone individuals, discrete clumps, and interlocking individuals are included. Includes individual large shrubs. MMU = 9 square meters.

7. Irrigated lands/turf

Turf grass and areas of land that are actively managed and watered that do not fall in the cropland class. Examples of turf: lawns, cemeteries, golf courses, sports fields. MMU = 9 square meters

8. Barren/rock

Areas void of vegetation consisting of natural earthen material regardless of how it has been cleared. This includes beaches, mud flats, bedrock, xeriscaped lawns, and bare ground in construction sites (hard-packed paths/roads in construction sites would be better suited for the impervious class). MMU = 25 square meters

9. Cropland

Large fields generally found in non-urban areas used for the production of various annual crops. These lands can be in active or inactive use but must show visual signs of recent usage such as tilled fields or tire tracks.

The dataset will be delivered in raster and polygon formats and will include FGDC-compliant metadata, including methodology documentation and any assumptions made during the analysis.

Service From: 05/01/21

Service To: 06/30/22

TERMS AND CONDITIONS

<https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions>

DOCUMENT TOTAL = \$101,102.50