

Rocky Mountains CESU FY2021 Task Agreements and Modifications

Agency	Agreement #	Mod	University	Pi	Project Title	Start Date	End Date	Budget
BLM	L20AC00090	2	CSU	Paschke, Mark	Management Studies of Shrub Islands for Rangeland Conservation	11-Aug-21	12-Jul-23	\$25,000.00
BLM	L21AC10225		CSU	Stevens-Rumann, Camille	Abducted by avians: the presence of avifauna in pinyon-juniper woodlands in the post-fire environment	09-Aug-21	09-Aug-22	\$24,999.00
BLM	L20AC00105	2	CUD	Vlahos, Ekaterini	Preserving Cultural Heritage on Colorado's Public Lands - Digital Documentation of Public Sites at Canyons of the Ancients National Monument	26-Aug-21	25-Aug-23	\$35,000.00
BLM	L20AC00529		MSU	Mangold, Jane	Montana noxious weed education campaign	01-Oct-20	30-Sep-25	\$10,000.00
BLM	L21AC10363		MSU	Scannella, John	Housing and Curation of BLM specimens at Museum of the Rockies (MOR)	20-Sep-21	19-Sep-22	\$9,782.00
BLM	L20AC00107	1	UWat	Fedy, Brad	Sage-grouse studies in north easter Wyoming	20-Sep-21	31-Aug-23	\$310,000.00
BLM	L19AC00311	2	UMT	Gerloff, Lisa	Citizen Science Inventory and Monitoring of Wilderness Study Areas, BLM MT – Billings Field Office	22-Sep-21	21-Sep-22	\$7,208.00
BLM	L19AC00090	2	WYU	Beck, Jeffrey	WY ATLANTIC RIM Greater Sage-grouse Population and Habitat Study	01-May-21	31-Aug-22	\$119,424.00
BLM	L17AC00284	4	WYU	Field, Robert	Air Quality Assessment and Outreach Program	05-Jul-21	20-Sep-22	\$165,000.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

BLM	L19AC00178	2	WYU	Heidel, Bonnie	Blowout Penstemon Seedling Monitoring	14-Jun-21	31-Aug-22	\$66,975.00
BLM	L21AC10126		WYU	Heidel, Bonnie	Meadow Milkvetch Survey in BLM Lander Field Office	30-Sep-21	30-Sep-24	\$10,000.00
BLM	L21AC10238		WYU	Kauffman, Matthew	North Bighorn Mule Deer Movements, Seasonal Ranges and Habitat Use	01-Sep-21	31-Aug-24	\$75,000.00
BLM	L21AC10171-00		WYU	Kauffman, Matthew	WY Evaluating the benefit of multiple migratory tactics in the world's longest migrating mule deer herd	01-Sep-21	31-Aug-24	\$68,000.00
BLM	L21AC10148		WYU	Tronstad, Lusha	Can noise from wind turbines affect pollination and native bees?	30-Sep-21	30-Sep-23	\$48,464.00
DoD	N40192-21-2-8002		1	CSU		Naval Facilities Engineering Systems Command, Marianas, Santa Rita, GU	13-Aug-21	12-Aug-22
DoD	W9126G-19-2-0017	3	CSU	Bern, Christine	ITAM Assistance Support, Yuma Proving Ground	10-Jun-21	09-Jun-22	\$124,427.00
DoD	W9126G-18-2-0032	4	CSU	Caldwell, Elizabeth	Environmental and Natural Resources Support, Fort AP Hill	13-Aug-21	12-Aug-22	\$556,884.00
DoD	W9126G-18-2-0070	4	CSU	Clarke, Melinda	Endangered Species Support, Fort AP Hill	30-Aug-21	29-Aug-22	\$104,585.00
DoD	W9126G-18-2-0030	4	CSU	Clarke, Melinda	Forestry Support, Fort AP Hill	15-Aug-21	14-Sep-22	\$442,200.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

DoD	W9126G-17-2-0024	4	CSU	Clarke, Melinda	Natural and Cultural Resource Management Support, Fort McCoy	30-Sep-21	29-Sep-22	\$442,200.00
DoD	W9126G-17-2-0024	3	CSU	Clarke, Melinda	Natural and Cultural Resource Management Support, Fort McCoy	09-Mar-21	29-Sep-21	\$59,496.00
DoD	W9126G-18-2-0059	3	CSU	Clarke, Melinda	Wildlife Natural Resource Support, Fort AP Hill	01-May-21	30-Apr-22	\$59,663.00
DoD	W9126G-18-2-0059	4	CSU	Clarke, Melinda	Wildlife Natural Resource Support, Fort AP Hill	14-Sep-21	13-Sep-22	\$129,028.00
DoD	W9126G-21-2-0027		CSU	Jones, David	Resources Ecosystem Management Activities for Pohakuloa Training Area and Keamuku Maneuver Area, Island of Hawaii	01-Aug-21	01-Aug-22	\$3,284,150.00
DoD	W9126G-16-2-0054	5	CSU	Sherman, Stephen	Cultural Resources Support, Fort Bragg	01-Oct-20	29-Sep-21	\$199,906.00
DoD	W9126G-18-2-0014	4	CSU	Wallander, Amanda	Cultural Resource Support, Fort AP Hill	01-Jul-21	30-Jun-22	\$235,228.00
DoD	W9126G-21-2-0049		CSU	Wallander, Amanda	Cultural Resources On-Site Technical Support, Schofield Barracks and USAG Pohakuloa Training Area	15-Sep-21	14-Sep-22	\$1,840,382.00
DoD	W9126G-20-2-0037	1	CSU	Wallander, Amanda	Cultural Resources Support, Travis AFB	29-Sep-21	28-Sep-22	\$180,882.00
DoD	W9126G-20-2-0016	1	UMT	Callaway, Ray	Invasive Species Support	01-Jun-21	31-May-22	\$170,117.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

DoD	N62473-19-2-0005	2	UMT	Callaway, Ray	Wildlife Rapid Response Program	29-Jun-21	09-Sep-22	\$179,236.00
DoD	W9126G-21-2-0032		UMT	Millsbaugh, Joshua	Natural Resources Support – Predictive 3-Dimensional Model Using Avian Radar	03-Sep-21	29-Mar-23	\$206,000.00
DoD	W9126G-18-2-0067	3	USU	Alder, Peter	Forecasting Dryland Ecosystem Vulnerability, SERDP	30-Sep-21	29-Sep-23	\$95,695.00
NPS			BSU	Barber, Jesse	Effects of Outdoor Lighting on Natural Resources and Visitor Enjoyment in National Parks	26-May-21	31-Dec-24	\$390,000.00
NPS			CSU	Bend, Ron	Web-based Videos about Science and Stewardship	30-Sep-21	30-Dec-22	\$39,997.00
NPS			CSU	Bowser, Gillian	Pollinator inventory protocols and implementation for the National Park Service	01-Jul-21	15-Dec-15	\$214,587.00
NPS	P20AC00679	1	CSU	Collett, Jr., Jeffrey L.	Effects of excess levels of particulate matter, haze, ozone and nitrogen deposition on resources of six NPS units	01-Aug-21	31-Jan-25	\$290,000.00
NPS	P21AC12281		CSU	Davis, Setth	Study of Cedar Bark Beetle Dynamics in Giant Sequoias	15-May-21	21-Feb-24	\$38,672.00
NPS	P18AC00148	4	CSU	Fassnacht, Steven	Notice Review – Water Rights Branch	01-May-21	30-Apr-22	\$5,000.00
NPS	P21AC11375		CSU	Hand, Jenny	Assistance for Visibility Data Analysis and Image Display Techniques	01-Jun-21	31-Jan-25	\$776,794.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

NPS			CSU	Hanna, Judith and Tracy Trujillo	Geologic Resources Inventory Program to Support NPS Geologic Resource Management	21-Sep-21	28-Feb-24	\$829,938.00
NPS			CSU	Kanno, Yoichiro	ROMO fisheries inventory to inform cutthroat trout conservation and recreational angling decisions post-fire	01-Jul-21	30-May-23	\$100,750.00
NPS	P20AC00949	1	CSU	King, Sarah	Bison Vegetation Ecology in Grand Canyon National Park	03-Aug-21	15-Mar-25	\$40,000.00
NPS	P21AC11163		CSU	LaBelle, Jason M	Complete Archeological Inventories at Rocky Mountain National Park	30-Jun-21	31-May-24	\$244,952.00
NPS			CSU	Laituri, Melinda	Supporting States Clean Water Act Integrated Reporting	01-Oct-20	30-Sep-22	\$184,300.00
NPS	P20AC00954	1	CSU	Lemly, Joanna	Enhanced Wetland Monitoring in Rocky Mountain CESU Network Parks	10-Aug-21	31-Dec-22	\$38,250.00
NPS	P18AC01243	8	CSU	Newman, Gregory	Cooperative Research and GIS Support for Visitor Use Management, Long Range Transportation Planning and Incident Management Training	01-Aug-21	31-Dec-22	\$135,000.00
NPS	P20AC00956	4	CSU	Newman, Gregory	Provide research, technical assistance and education for resource management and research for Web and Mobile Mapping, Digital Asset Management, Transportation Management, Park Facilities Management and GIS Research and Deveopment	03-Sep-21	30-Sep-22	\$1,115,303.07
NPS	P20AC00986	1	CSU	Sanford, William	NPS Groundwater Data Management	24-Aug-21	30-Sep-23	\$50,000.00
NPS	P21AC10865		CSU	Sibold, Jason	Using the 2020 Wildfires in ROMO to Address Critical Fire management questions	20-Jun-21	30-Sep-22	\$74,919.41

Rocky Mountains CESU FY2021 Task Agreements and Modifications

NPS	P21AC10329		CSU	Siemers, Jeremy	Identify Bat Diversity, Use of Habitat and Roosts and White-Nose Syndrome Presence in ROMO	01-Jun-21	31-Dec-25	\$75,476.00
NPS	P21AC10408	1	CSU	Spraker, Terry	Veterinary Diagnostic Services for NPS Wildlife Species	01-Aug-21	02-May-26	\$230,000.00
NPS	P20AC00477	1	CSU	Sueltenfuss, Jeremy	Restore Degraded Peatlands and Wet Meadows to Enhance Ecological Integrity and Resilience at Florissant Fossil Beds National Monument	01-Jun-21	23-Dec-23	\$25,083.00
NPS	P19AC01128	2	CSU	Wittemyer, George	Quantifying and interpreting acoustic resource conditions in National Park units	01-Jun-21	31-Dec-22	\$102,273.00
NPS			CUB	Boykoff, Maxwell	Climate Change Science, Adaptation, and Communication Support for National Parks	01-Aug-21	30-Jul-23	\$53,951.00
NPS	P19AC00241	2	CUB	Kociolek, John Patrick	Revitalizing the Exhibitions of Chapin Mesa Archaeological Museum	14-Jul-21	31-Dec-22	\$67,801.00
NPS	P20AC00703	1	CUB	Lininger, Katherine	Fremont River Geomorphic Analysis	03-Jun-21	31-Dec-22	\$16,098.00
NPS			CUB	Ray, Chris	Lagomorph ladders: assessing a multi-host community and potential for spillover of Rabbit Hemorrhagic Disease at Great Sand Dunes National Park and Preserve	31-Aug-21	15-Dec-23	\$125,178.00
NPS	P21AC11158		CUD	Arnold, Suzanne	Teacher Ranger Teacher	30-May-21	21-Dec-22	\$234,821.00
NPS	P17AC01682	7	CUD	Moreno, Raphael	Cooperative GIS Internships with the Resource Information Services Division	07-Jul-21	30-Sep-22	\$103,709.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

NPS	P17AC00659	4	CUD	Thomas, Deborah	Assist with Air Resources Management Activities and Contribute to Projects that Present NPS Air Resources Information to Park Units and the Public	23-Apr-21	30-Oct-22	\$23,812.00
NPS	P21AC10861		CUD	Tomback, Diana	Estimation of limber pine seed viability across high elevations in Rocky Mountain National Park	07-Jun-21	01-Feb-23	\$39,999.00
NPS	P18AC00888	2	CUD	Vlahos, Ekaterini	CAVE HABS Documentation of the Mission 66 Six-Plex	01-Sep-21	01-Sep-23	\$25,000.00
NPS	P21AC11173		CUD	Vlahos, Ekaterini	Document Pueblo II Basalt Architecture at the El Calderon	19-Jul-21	31-Dec-22	\$20,000.00
NPS	P21AC10458-00		MSU	Brookshire, Jack	Aquatics program review, data analysis and reporting for Parks in the Southern Colorado Plateau Network	01-Apr-21	01-Sep-22	\$75,000.00
NPS	P21AC10604		MSU	Guy, Chris	Evaluate and Refine Benchmarks for Lake Trout and Cutthroat Trout Populations in Yellowstone Lake	01-Sep-21	31-Dec-24	\$157,786.00
NPS	P21AC11120		MSU	Haggerty, Julia	Evaluate Long-Term Monitoring Data to understand how climate change may influence observed changes	15-Sep-21	31-Dec-26	\$93,000.00
NPS	P21AC10473		MSU	Litt, Andrea	Measure effects of bison grazing on arthropod and small mammal communities in Yellowstone National Park	01-Jun-21	01-Jun-24	\$70,568.00
NPS	no award?		MSU	Maxwell, Bruce	Facilitate Interagency Bison Management Coordination	15-Feb-21	31-Dec-21	\$37,600.00
NPS	P19AC00440	3	MSU	Olsen, Bret	YPP Implement Resource Management Internship Program	15-May-21	31-Dec-23	\$101,375.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

NPS	P21AC10409		MSU	Ore, Janet	NPS-FY 21-IMR-Cooperative Research and Training Program-Resources of the National Park System	01-Jun-21	31-Dec-23	\$68,959.00
NPS	P20AC00937		MSU	Sullivan, Jaime	Trailblazer Bike Research Project	31-Aug-21	30-Sep-22	\$80,000.00
NPS	P20AC01000	1	CSU	Sprouse, William	Information Management for Natural Resource Data for the NPS Integration of Resource Management Applications (IRMA) system	22-Jun-21	05-Aug-25	\$63,999.00
NPS	P19AC01232	2	UMT	Gerloff, Lisa	Leadership, Coordination, and Administrative Oversight for the Rocky Mountains Cooperative Ecosystem Studies Unit (ROMO-CESU)	01-Aug-21	01-Sep-14	\$16,200.00
NPS	P21AC11444		UMT	Sexton, Erin	Crown Managers Partnership Transboundary Conservation Initiative: Implementing a Landscape Conservation Design Across the Crown of the Continent	01-Jul-21	31-Dec-25	\$5,000.00
NPS	P21AC10881		UMT	Thompson, Jennifer	Visitor Use Monitoring for Glacier National Park	01-Jun-21	31-Dec-25	\$50,357.00
NPS	P21AC10227		USU	Miller, Zachary	Wildlife-Human Incident and Communication Analysis on Federal Public Lands in the Greater Yellowstone Ecosystem	01-Jul-21	31-Aug-22	\$12,824.00
NPS	P17AC00708	2	USU	Monz, Christopher	Rocky Mountain National Park Visitor Use and Transportation Management Study	01-Aug-21	20-Mar-22	\$36,251.00
NPS			WCS	Mormorunni, Cristina	Cooperative Technical Assistance with Bison Genetic Sampling and Analysis	01-Sep-21	31-Aug-26	\$20,000.00
NPS		1	WCS	Mormorunni, Cristina	Honoring NPS-Tribal Partnerships at Wind Cave National Park	21-Aug-21	31-Dec-22	\$40,000.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

NPS	P21AC10165		WYU	Laughlin, Daniel	Evaluate sagebrush steppe condition, restoration efficacy and community trajectories, Grand Teton National Park	12-Apr-21	01-Feb-26	\$40,166.00
NPS	P21AC10900		WYU	Shuman, Brian	UWNPS Research Center Support 2021-2022	21-Jul-21	31-Dec-24	\$28,600.00
NPS	P21AC10822		WYU	Wagner, Catherine	Genetics of Cutthroat Trout in the Lamar River Watershed	01-Sep-21	31-Dec-23	\$13,800.00
USACE	W911KB-21-2-0012		CSU	Bagley, Calvin	FWA Cultural Resources and GIS Support	27-Sep-21	26-Mar-23	\$43,999.00
USACE	W912HZ-21-2-0028		MSU	Thum, Ryan	Genetic and Hybrid Characterization of Water Chestnut in the US	19-Aug-21	18-Aug-22	\$14,999.00
USFS	21-CS-11015600-008		MSU	Mangold, Jane	Montana noxious weed education campaign	29-Apr-21	31-Mar-26	\$15,000.00
USFS	21-DG-11010000-013		MSU	Seipel, Timothy	Improving efficacy of Puccinia punctiformis as an integrated weed management tool for Canada Thistle (Cirsium arvense)	14-Jul-21	30-Jun-24	\$29,827.00
USFWS	F21AC03006	1	CSU	Clarke, Melinda	Hunting and grounds management at Avon Park Air Force Range	14-Sep-21	14-Sep-26	\$138,222.00
USFWS	F21AC02312		CSU	Funk, Chris	Harnessing the Power of Genomics to Inform Recovery Strategies for the Monarch Butterfly (Danaus plexippus)	12-Jul-21	31-Dec-23	\$132,934.00
USFWS			CSU	Myrick, Chris	Developing Rock Ramp Fishway Design Parameters for Fish Species of Conservation Concern	01-Jun-21	31-May-24	\$222,554.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

USFWS	F21AC00147	1	CSU	Newman, Gregory	Using Citizen Science and Crowdsourcing to Monitor Progress of Terrestrial and Riparian Restoration	01-Dec-20	31-Mar-23	\$147,725.00
USFWS	F21AC01833		CSU	Schorr, Robert	Songbird Surveys at Cheyenne Mountain Complex	30-Jun-21	29-Jun-23	\$16,594.00
USFWS	F21AC01759-00		MSU	Blank, Matthew	Evaluating Swimming and Leaping Performance and Restoring Connectivity for Native and Priority Fish Species in the West	01-Jun-21	31-Dec-25	\$341,492.00
USFWS	F21AC01759-00		MSU	Blank, Matthew	Northern Pike Leaping Study	01-Jul-21	31-Jul-22	\$11,978.00
USFWS	F20AC11394-00		MSU	Huijser, Marcel	Documenting the Experience and Knowledge of Practitioners, Researchers, and Managers with the Implementation of Measures along Roads for Mojave Desert Tortoise	01-Jan-21	31-Aug-21	\$29,015.00
USFWS	F20AC11394-00		MSU	Huijser, Marcel	Ecological impacts of new and upgraded roads in and around Cabeza Prieta National Wildlife Refuge and avoidance, mitigation and compensation strategies	01-Feb-21	30-Sep-21	\$20,000.00
USFWS	F21AC00350		MSU	Maxwell, Bruce	Assistance with data assimilation, science synthesis and document writing to support a Species Status Assessment for Virgin Spinedace and similar work for other priority species	01-Dec-20	30-Sep-22	\$38,598.00
USFWS	F20AC10653	1	MSU	Sproles, Eric	River Conditions Tool Geographic Expansion	01-Sep-21	31-Aug-22	\$224,981.00
USFWS	F21AC01724		MSU	Zale, Alexander	Asian carp eDNA detection and sampling in the Middle Missouri River Basin	30-Jun-21	29-Sep-23	\$150,000.00
USFWS	F21AC00546-00		UMT	Allred, Brady	Utilizing the Rangeland Analysis Platform	01-Feb-21	31-Jan-26	\$490,427.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

USFWS	F20AC00232	2	UMT	Sexton, Erin	Implementing a scaled landscape conservation design (LCD) in the Crown of the Continent	08-Aug-21	31-Jul-22	\$25,000.00
USGS	G21AC10749		CSU	Bailey, Larissa	Effects of climate on host-pathogen distribution dynamics for high-elevation amphibian systems	20-Sep-21	19-Sep-22	\$27,005.00
USGS	G21AC10021	1	CSU	Evangelista, Paul	Evaluating New Methods for Predicting Invasive Species Distributions	07-Jan-21	06-Jan-23	\$191,830.00
USGS	G21AC10115		CSU	Heinrichs, Julie	A climate vulnerability assessment framework for data-poor species	10-Feb-21	09-Feb-22	\$40,466.00
USGS	G21AC10744		CSU	Heinrichs, Julie	A climate vulnerability classification for data-poor species	15-Sep-21	14-Sep-22	\$35,969.00
USGS	G21AC10332		CSU	Heinrichs, Julie	Development and evaluation of fuel break performance metrics across spatiotemporal scales in sagebrush landscapes of the Great Basin	01-Jul-21	30-Jun-26	\$91,534.00
USGS	G21AC10199	1	CSU	Heinrichs, Julie	Investigating white-tailed ptarmigan genetics, demography, and habitat associates to assist with listing decisions and management	01-May-21	30-Apr-26	\$162,684.00
USGS	G21AC10129		CSU	Heinrichs, Julie	Projecting climatic and environmental conditions for habitat restoration and management	12-Apr-21	11-Apr-22	\$49,064.00
USGS	G21AC10150	1	CSU	Heinrichs, Julie	Understanding the effects of fires and fuel breaks on sagebrush and sage-grouse	07-Apr-21	06-Apr-23	\$227,340.00
USGS	G20AC00322	2	CSU	Hooten, Mevin	Early Warning Vital Signs in Arctic Network Parklands - Developing baseline moss tissue concentrations in Bering Land Bridge National Preserve	29-Jun-21	31-Jul-22	\$44,273.00

Rocky Mountains CESU FY2021 Task Agreements and Modifications

USGS	G20AC00405	1	CSU	Hufbauer, Ruth	Understanding Food-Web Connections to Support Ecosystem Resilience and Recovery from Brown Tree Snakes (BTS) Invasion	01-Sep-21	31-Aug-22	\$32,168.00	
USGS	G20AC00431	2	CSU	Kendall, William	Modeling the Effect of White-nose Syndrome Mitigation Decisions on Cave Hibernating Myotis Species	17-May-21	14-Sep-22	\$6,742.00	
USGS	G21AC10720		CSU	King, Sarah	Ecology of Wild Horses and Burros in the Rocky Mountain Region and Western USA	15-Sep-21	14-Mar-22	\$249,589.00	
USGS	G21AC10304		CSU	Poff, LeRoy	Long-term monitoring of riparian vegetation response to biological control of Tamarix along the lower Virgin River	01-Jun-21	31-May-22	\$49,768.00	
USGS	G21AC10347		1	CSU	Poff, LeRoy	Restoration of Riparian Ecosystems in Western North America	01-Sep-21	31-Aug-22	\$99,439.00
USGS	G21AC10375		CSU	Schulte, Darin	Developing and integrating remote sensing-based land surface phenology (LSP) libraries with agro-hydrologic modeling for water use and availability assessment on a cloud computing platform	01-Aug-21	31-Jul-22	\$80,000.00	
USGS	G21AC10266		CSU	Smith, Milinda	A global synthesis of multi-year drought effects on terrestrial ecosystems	01-Jun-21	31-May-23	\$149,988.00	
USGS	G21AC10170		CSU	Webb, Colleen	Development of a network model for evaluating the risk of dispersal of avian influenza viruses between East Asia and North America by northern pintail ducks	16-May-21	15-May-22	\$49,500.00	
USGS	F21AC00350		MSU	Haggerty, Julia	Assistance with data assimilation, science synthesis and document writing to support a Species Status Assessment for Virgin Spinedace and similar work for other priority species	01-Dec-20	30-Sep-22	\$38,598.00	
USGS	G21AC10261		MSU	Litt, Andrea	Enhancing visitor safety & conservation of grizzly bears: evaluating & identifying grizzly bear management areas	19-Apr-21	18-Apr-23	\$36,000.00	

Rocky Mountains CESU FY2021 Task Agreements and Modifications

USGS	G21AC10099		MSU	Whitlock, Cathy	Greater Yellowstone Ecosystem Assessment: Focus on Climate and Water	19-Apr-21	18-Apr-23	\$23,500.00
USGS	G21AC10147-01		UMT	Eby, Lisa	Amphibian Disease Dynamics in the West	25-Mar-21	24-Mar-25	\$74,005.00
USGS	G21AC10044_00		UMT	Hall, Robert	Quantifying the phosphorus budget for the Colorado River, Grand Canyon	20-Dec-20	20-Apr-21	\$25,000.00