



# THE DISPATCH

U.S. ARMY DUGWAY PROVING GROUND

VOLUME 5, NUMBER 3

www.dugway.army.mil

March 2019

## INSIDE YOUR DISPATCH



### UPGRADE TO FIRST CLASS



After almost 11 years, test grid upgrade nears completion.

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### COMMAND PERSPECTIVE



Want to have success? Change your attitude first.

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Practical ways to fight anxiety in our modern world.

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### HOME ON THE RANGE



A new three-year study will help find out just where home is.

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### IN A NUTSHELL



The U.S. Army goes retro with new vintage inspired uniforms.

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A frank and informative look at the Army's position on the marijuana industry.

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### A WALK TO REMEMBER



Trials and triumphs of black Americans in a segregated military.

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AND MUCH MORE

## Upgraded grid cuts testing time for chem/bio detectors



A trailer-mounted 10-meter tower, ready for instrumentation to receive data. The tower may also be folded down for travel or ease in affixing instruments. Dugway is poised to take receipt of a new mobile, fast-data testing system for agent detectors from the Joint Project Executive Office for Chemical and Biological Defense. U.S. Army photo

By Al Vogel  
albert.c.vogel.civ@mail.mil

Eleven years ago, Dugway Proving Ground set out to upgrade the testing of chemical and biological agent detectors, to put them into the hands of Warfighters and support personnel with greater speed. This summer the test improvement project, funded by a Department of Defense office, will be finalized and turned over to Dugway Proving Ground.

The Test Grid Safari Instrumentation (TGSi) Upgrade, as the project is known, is a variety of upgrades to current field test systems that reduce time, expenses and labor, while enhancing real-time detector testing for the customer and Dugway personnel.

The multimillion-dollar upgrade is funded by the Joint Project Executive Office for Chemical and

Biological Defense (JPEO-CBD), based in Maryland. The JPEO-CBD is the Department of Defense's office for research, development, acquisition, fielding and life-cycle support of biological, chemical and nuclear defense equipment and medical countermeasures.

The JPEO-CBD supports all services, Special Operations Command and other government agencies that need to defend against chemical, biological, radiological or nuclear threats.

The TGSi Upgrade will offer greater versatility, and real-time review of test data during outdoor field testing under simulated chemical and biological threat scenarios. Under the previous system, testers and customers had to wait for data to be collect-

◆ Grid upgrade.

Page 2.



A mobile, 10-meter instrumentation tower ready for testing meteorology, infrared, referee chemical or biological detectors, etc. Each trailer carries an electrical generator, data storage and communications for rapid transmission of data in near real-time. U.S. Army photo

## Command perspective

By Kenneth S. Gritton, PhD  
Technical Director, West Desert Test Center

A wise person once said, "Sometimes the only thing you can control is your attitude."<sup>1</sup>

Isn't that the truth? In a world filled with frustrations and delays, whether caused by traffic congestion, personal challenges, or work deadlines that shift and shorten based on influences completely separated from and outside of our own span of control, much of what we experience every day is outside of our control. But our attitude is totally ours to own and direct.

Abraham Lincoln gave wise counsel when he said, "Whatever you are, be a good one." Choosing to be good at what we are and what we do is dependent on our attitude and how we choose to think of ourselves. Business leader Sterling Sill stated, "Hang on the walls of your mind the memory of your successes. Take counsel of your strength, not your weakness. Think of the good jobs you have done. For whenever excellence is recounted, it is increased."



As we enter the busy summer season there will be competing demands on our time that may include ever-changing work deadlines, support for customer tests in the Test Center, school and community activities, and if we are lucky, perhaps a family vacation. In all of these activities there will likely be things that transpire that are outside of our control. It's just the way life is sometimes, but we are not without our own ability to manage how we respond to those uncontrolled things.

◆ Command perspective.

Page 2.

# Command perspective ...

Continued from page 1.

Hanging on the walls of our minds are memories of our past successes and things we have done well. We can draw upon those memorabilia and be confident that regardless of whatever is happening around us now that we cannot control, we can still manage our own part in the present event, and do so positively and confidently. Confidence, built on our past successes, enables us to control our own attitude in the current crisis, whatever it may be, and when there is nothing else we can control, we can always control our own attitude.

We can choose to remain positive, confident, and help those around us feel confident as well. And conducting ourselves well will give us yet one more success to hang on the walls of our memory, and the added strength will help us prepare to handle whatever uncontrollable thing that comes next - and surely there will be more to come. But our resilience, built on past excellence, can carry us through provided we choose to control our own attitude, remain positive, confident, and in doing so build the confidence of those around us.

Summertime will be busy, demanding, and at times even frustrating, but come what may, when we can control nothing else, we can choose to have a positive and confident attitude that will carry us through - and give us one more personal success to hang on our own internal wall of fame.

Best wishes for a safe and confident summer season.

1. I am told that this is a quote attributed to Eleanor Roosevelt, but I heard it from a different source.

# Upgraded grid ...

Continued from page 1.



10-meter towers raised in place with instrumentation affixed, ready to test chemical or biological detectors with simulated agent. Northwestern Utah, where Dugway Proving Ground is located, adds authenticity because it geographically resembles the Middle East. U.S. Army photo

ed and manually converted to a more useable format, which could take weeks. The real-time delivery of field test data is one of the major improvements that TGSU Update provides.

Outdoors, only simulated agent is used. Dugway only conducts defensive testing: chemical agent detectors, protective clothing, decontaminators, air filtration, etc.

The TGSU Upgrade employs WiFi towers, fiber optics and specialized software to secure and archive test data, displayed in real-time to authorized testers and customers within Dugway.

Nathan Lee, Project Manager for the Test Grid Safari Instrumentation Upgrade, said the new test system will save the Army money, and provide the customer faster data turnaround, thus allowing for quicker and more effective decision making during testing.

Test instrumentation is mounted on flatbed trucks and trailers, some of which carry generators for power delivery, and some for data storage, communications, and a 10-meter tower that folds down for easy field transport and instrument attachment. The design is meant to provide quick setup and execution of testing in any location on Dugway.

Such mobility (hence the word, "Safari") promotes the testing of detectors in challenging, authentic sites on Dugway: canyons, ravines, hillsides, wherever defenders may need an early warning.

Hurnover of the Test Grid Safari Instrumentation system to Dugway Proving Ground this summer ultimately means heightened protection throughout the world, as the very latest detectors can be tested and become available to U.S. forces and their allies with greater speed.



# CHAPLAIN'S CORNER

By Chaplain (LTC) James Lester

Peace be still.

Paul the Apostle in the book of Philippians tells us to be anxious for nothing in all things to trust in Christ. When I first read this I think does Paul know what I'm experiencing in my daily life? Does he understand the pressures of raising children and seeing them grow up? Does he know what it means to put your trust in someone else to accomplish what you are unable to do? In most of these the answer is probably "no." He was single, didn't have a family, but he also experienced things that I would never want to go through. He was stoned, whipped, left for dead, shipwrecked, imprisoned multiple times, falsely accused, and to top it off when he wrote Philippians he was chained to a Roman guard awaiting execution. If anyone should have been anxious, it should have been Paul. Yet he tells us to be calm to trust and to be at peace.

So how do we go about being at peace and not living in a world of anxiety? Anxiety increases in our hearts through a few ways. It increases by the negative words we speak and think. It increases by the voices we listen to. I know when I listen to the news commentaries of the state of the world, my worries tend to increase. I have to turn it off and

replace it with something different. It also increases when we are walking with shame. This could be from something that we did in the past and we walk in fear waiting for the aha! moment to catch us. So we avoid certain topics and live in fear as we wait for the hammer to fall.

So how do we remove or at least lower our levels of anxiety? We can change the words we use, we can listen to happy music and we can confess our shame to others so that we can walk in the light. Those are all great methods, but I want to go a little deeper. In the book of Mark, Jesus gets in a boat with his disciples to cross the sea, as he is in the boat a storm comes up and is threatening all of their lives. They shake Jesus awake and say to him aren't you afraid that we are all going to die? Jesus looks at the waves and the wind and simply says Peace be Still. Three simple words and everything was calm.

In my faith tradition I find that when my focus is on God, I am at peace. I still struggle, I still want to worry, and I still want to speak negatively. Each day I make a choice, I choose to keep my eyes focused ahead, to speak words of life. I also found that when I mess up to come clean quickly and not try to hide my guilt and shame. It's not easy but with God's help I move forward.

## BioTesting Division Under New Chain of Command

The BioTesting Division at Dugway Proving Ground has a new chain of command, U.S. Army Futures Command (AFC), and therefore, a new name: U.S. Army Futures Command (AFC); Combat Capabilities Development Command (CCDC); Chemical Biological Center; Directorate of Program Integration (DPI); BioTesting Division (BTD).

The Army Materiel Command (AMC) and AFC held a ceremony on Jan. 31, transitioning the U.S. Army Research, Development and Engineering Command (RDECOM) from AMC to AFC. The official date of the transfer was Feb. 3, during which RDECOM was renamed the Combat Capabilities Development Command (CCDC). Edgewood Chemical Biological Center (ECBC) is now officially known as CCDC Chemical Biological Center.



# Charter study of deer, antelope migration begins

By Al Vogel  
albert.c.vogel.civ@mail.mil

Until recently, there had never been a study of the migration patterns of pronghorn antelope and mule deer on and near Dugway Proving Ground.

That changed Feb. 26 when, as part of a three-year study, wildlife biologists and other Dugway personnel attached tracking collars to 11 pronghorn and 13 mule deer. They will broadcast GPS coordinates for three years, then fall off, according to Robbie Knight, a wildlife biologist with Dugway's Environmental Programs Office.

The deer and pronghorn were herded into capture nets by a private helicopter expertly piloted by a crew that does similar work in South Africa. They aeri- ally herded 15 pronghorn from the English Village area, but no deer. Deer were later aeri- ally herded and captured for tagging

and released near Rough Haul Road, northwest of Michael Army Airfield.

Knight suspects that Dugway's pronghorn go to a home on the range – the Air Force's Utah Test and Training Range. North- bound pronghorn may travel 60 miles from Dugway, crossing Interstate 80 and wintering on the west shore of the Great Salt Lake. Knight suspects south- bound antelope may travel 60 miles, to the Delta, Utah area.

"No one knows what these pronghorn and mule deer of the West Desert do," Knight said. "So, in an attempt to understand their ecology and biology, we're tracking them."

The three-year study is part of a larger state initiative, to better understand wildlife migration patterns throughout Utah, Knight said.



Robbie Knight, Dugway Natural Resource Office Program Manager, assists Dr. Randy Larsen, Professor at Brigham Young University, monitor a female mule deer's heart rate while Utah Division of Wildlife Resources biologists prepare to administer vaccinations. Photo by Kalon Throop



Robbie Knight, Dugway Natural Resource Office Program Manager, and a Utah Division of Wildlife Resources biologist prepare to release a female mule deer that has been fitted with a GPS tracking collar. Photo by Kalon Throop



Josh Greenhalgh, Dugway Police Department, and Devin Reed, Dugway Natural Resource Office, weigh a female mule deer with the assistance of the Utah Division of Wildlife Resources conservation officer. Photo by Kalon Throop

Please join Utah Military in supporting the U.S. Army's 244th Birthday Celebration and

# Military Ball



Saturday, June 8, 2019  
at 6 o'clock in the evening

The Grand America Hotel  
555 Main Street, Salt Lake City

## SAVE THE DATE

For more information contact:

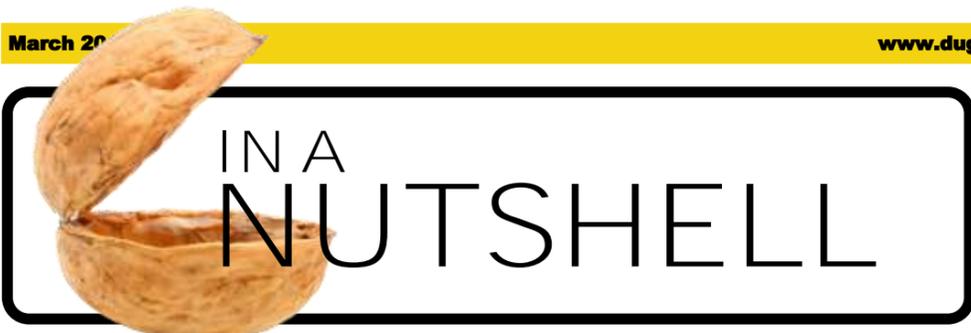
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801-560-3233

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## ARMY GREENS UNIFORM

What is it?

The U.S. Army is adopting the Army Greens as its new service uniform, based on the iconic "pink and green" uniform worn during the World War II. This will be the everyday service uniform starting in 2020, and it will reflect the professionalism of the Soldier.

The Army Greens Uniform will include khaki pants and brown leather oxfords for both men and women, with women having the option to wear a pencil skirt and pumps instead. There will be a leather bomber jacket as an outerwear option.

The Army Blues Uniform will return to its role as a formal dress uniform, and the Army Combat Uniform also known as the Operational Camouflage Pattern, or OCP will remain the duty/field uniform.

What are the current and past efforts of the Army?

In March 2017, Program Executive Office Soldier (PEO Soldier), under direction from the Chief of Staff of the Army, prepared a "Greens" Uniform demonstration and options to support the decision-making process. Extensive polling data showed overwhelming support for this uniform.

On Veterans Day, 2018, the Army announced the new uniform, which will be made in the U.S., and have no additional cost to the American taxpayer. This uniform will be constructed of high-quality fab-

rics and tailored for each Soldier. This will be cost-neutral and covered under enlisted Soldiers' annual clothing allowance. The new uniform and associated materials will comply with all Berry Amendment statutory requirements for Clothing and Textiles.

What continued efforts does the Army have planned?

The Army will conduct a Limited User Evaluation (LUE), using Soldiers that interact with the public. These Soldiers will wear the new uniform for a few months and then provide feedback for possible last-minute changes to the final design. The mandatory wear date for all Soldiers will be 2028.

Why is this important to the Army?

The reintroduction of this uniform is an effort to create a deeper understanding of, and connection to, the Army in communities where awareness of the Total Army needs to increase. The Army believes this high-quality uniform will instill pride, bolster recruiting and enhance readiness.



Army Greens Uniform.  
(Source - Army STAND-TO)

## Security Shorts

### Marijuana

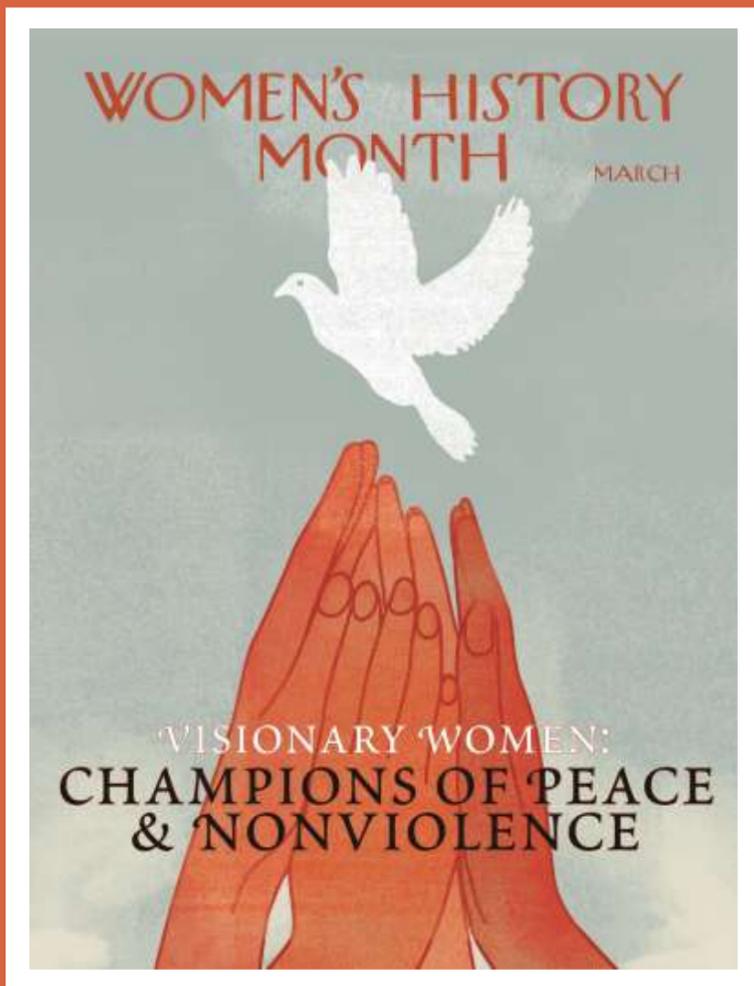
The security office has received numerous inquiries involving marijuana, to include investing in dispensaries. We have received guidance from the USARMY G2 on this topic.

**"Marijuana is considered a Schedule I controlled drug under the Controlled Substance Act.** Though marijuana is legal in some states, Federal law, existing suitability criteria, and Executive Branch policies regarding marijuana have not changed. IAW DoDM 5200.02 and SEAD 4 (Guideline H), illegal drug possession, including cultivation, processing, manufacture, purchase, sale, or distribution, are conditions that could raise security concerns and may be disqualifiers during the adjudication process not only for national security clearances but also HSPD-12 investigations.

There is no definitive guidance on investing in marijuana dispensaries. Our interpretation and reasoning is that investing in a dispensary as a part of a mutual fund that is unknown to the individual is mitigatable. Individuals should not intentionally invest in a marijuana dispensary. IAW SEAD 4, in evalu-

ating the relevance of an individual's conduct, the adjudicator should consider the circumstances surrounding the conduct, to include knowledgeable participation. Regarding suitability determinations, an individual's conduct must be evaluated on a case-by-case basis. Individuals should err on the side of caution before investing in dispensaries or any other entity dealing with marijuana. The DoD Consolidated Adjudications Facility's (DODCAF) current legal position is that ownership of marijuana stocks is considered involvement in drug-related activities, and would be a "reportable incident" under the continuous evaluation process and could potentially lead to the loss of security clearances for service members, contractors and DoD civilians. Until additional guidance is received from DoD, an incident report must be submitted on individuals knowingly investing **in a marijuana dispensary."**

Currently, CBD oil, a marijuana product, is classified as a Schedule I controlled substance as well and thus is illegal under federal law. CBD oils and marijuana-derived products may result in a positive urine drug test for THCA.



U.S. Army Dugway Proving Ground invites you to attend the

## Women's History Month Observance

27 March 2019

0800 - 0930

Ditto Diner



Guest Speaker :

**Ms. Emma E. Houston**  
Director of Diversity & Inclusion  
Salt Lake County Mayor's Office

Optional Observance Breakfast items will be available for purchase.

For more information please call: x5083

# DUGWAY TAKES A WALK INTO THE HISTORY OF AFRICAN AMERICANS IN THE MILITARY

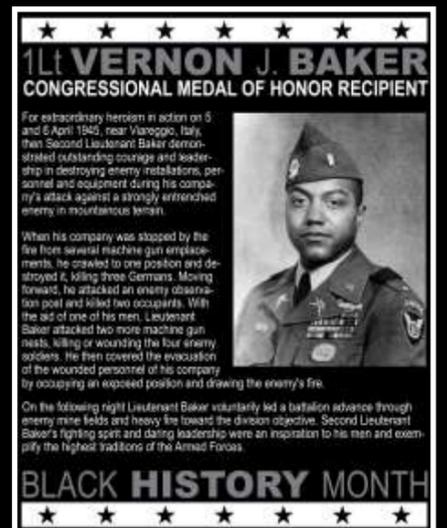
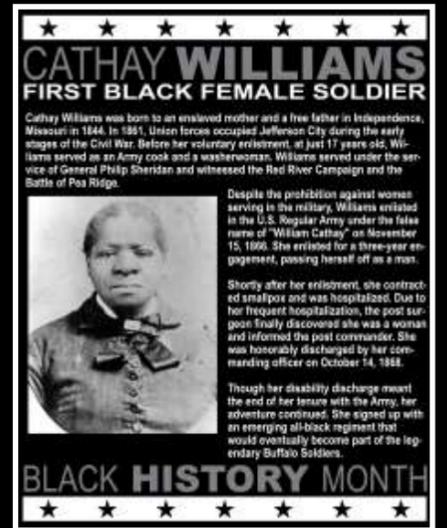


Photos by Al Vogel, Dugway Proving Ground Public Affairs

On Feb. 28, 2019, in observance of Black History Month, Dugway Proving Ground paid tribute to some of the African Americans who have been awarded the Medal of Honor: 1<sup>st</sup> Lt. Vernon J. Baker, Cathay Williams, Sgt. Henry Johnson, Cpl. Freddie Stowers, Sgt. William Carney, the Buffalo Soldiers and the Tuskegee Airmen.

The above-mentioned individuals and groups were featured on posters displayed along the observance's walking route. Dugway employees who participated in the walk stopped at each poster to learn of the bravery, patriotism and selfless service of each Medal of Honor recipient that was highlighted.

For more on Dugway's Black History Month observance, visit: <https://youtu.be/X2o1cCBvmSM>



## Senator Lee staff members tour Dugway facilities



Staff members of U.S. Sen. Mike Lee (R-Utah) visited Dugway Proving Ground on Feb. 21, to tour its facilities and acquire a better understanding of the post's mission and capabilities. Chris Olson, chief of the Chemical Test Division, shows Legislative Assistants Dominic Restuccia and Katherine Thompson different models of gas masks and respirators that are typically tested at the Combined Chemical Test Facility. Photos by Al Vogel, Dugway Proving Ground Public Affairs



Here, the fixture for challenging various swatches of cloth with chemical agent is explained. The round swatch of cloth fits into the stainless steel fixture and is sealed in place. Then, agent contaminated air is pushed against the cloth to determine its resistance. Specialized cloth is typically used in protective clothing, gloves, shelters, etc.



Staff members were (left) Nathan Jackson, Northern Utah Director and Military Affairs Adviser; and Legislative Assistants Katherine Thompson and Dominic Restuccia. Here, Bryan Fausett, chief of the Chemical Operations Branch, shows a bank of Miniature Chemical Agent Monitors (Mini CAM) that continually monitor for unauthorized release of chemical agent in the Combined Chemical Test Facility.

# COMMUNITY CALENDAR

## March 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5 Dinner and a Movie - 1800 (PG) - 2000 (R) - Community Club  Garrison Staff Meeting - 0800 - CR 52	6 Story Time - 1100 - Post Library  West Desert Staff Meeting - 0800 - Ditto - Roth CR	7 Dinner and a Movie - 1800 (PG) - 2000 (R) - Community Club	8	9
10	11	12 Dinner and a Movie - 1800 (PG) - 2000 (R) - Community Club	13 Story Time - 1100 - Post Library  Command Staff Meeting - 0830 - Kuddes CR	14 Dinner and a Movie - 1800 (PG) - 2000 (R) - Community Club	15	16
17	18	19	20 Story Time - 1100 - Post Library  West Desert Staff Meeting - 0800 - Ditto - Roth CR	21 Dinner and a Movie - 1800 (PG) - 2000 (R) - Community Club	22	23
24/31	25	26 Dinner and a Movie - 1800 (PG) - 2000 (R) - Community Club	27 Story Time - 1100 - Post Library  Women's History Observance - 0800 - 0930 - Ditto Diner  Executive Steering Committee - 0900 Ditto - Roth CR	28 Dinner and a Movie - 1800 (PG) - 2000 (R) - Community Club	29	30

# THE DISPATCH

Published bi-monthly by the Public Affairs Office, Dugway Proving Ground. While contributions are solicited and welcomed, Dugway PAO reserves the right to edit all submitted materials and make corrections, changes or deletions to conform with the policies of this publication.

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EMPOWERING THE NATION'S DEFENDERS

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Currently playing on the Dugway YouTube Channel

- **Black History Month Observance**
- **Employee Recognition Ceremony**
- **MLK Day Observance**
- **Disabilities Awareness**

www.youtube.com/channel/UCPjFIEBY7j7ay6m7FouadqQ

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