

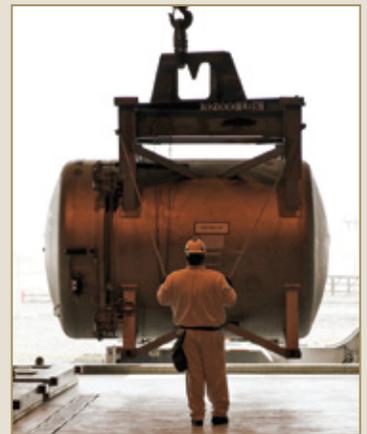


1941 END OF OPERATIONS 2011



Umatilla Chemical Depot

Umatilla Chemical Agent Disposal Facility



✿ LEADERSHIP · DEDICATION · ACCOMPLISHMENT ✿

A Legacy of Safety and Success

Message from the Director



ON BEHALF of the U.S. Army Chemical Materials Agency (CMA), and personally, I thank each and every member of the Umatilla Team for your contributions to the safe, successful destruction of the Umatilla chemical agent stockpile and non-stockpile materiel. Your years of dedication, hard work and sacrifice have resulted in the destruction of approximately 12 percent of the Nation's chemical weapons, which created a safer Oregon, a safer Northwest, and a safer Nation.

Since 1962, the Umatilla Chemical Depot (UMCD) safely stored more than 220,600 chemical nerve and blister agent munitions and containers. The Umatilla Chemical Agent Disposal Facility (UMCDF) completed construction in 2001. From September 2004 until October 2011, the depot and disposal facility – government and contractor personnel – worked as a well-coordinated team, safely destroying the stockpile. Along the way, CMA's Non-Stockpile Chemical Materiel Project also worked with Umatilla personnel to destroy its non-stockpile munitions. The total amount of chemical agent destroyed at Umatilla – stockpile and non-stockpile combined – was 7.44 million pounds.

With the successful completion of operations at Umatilla, the United States is one step closer to fulfilling its obligations under the Chemical Weapons Convention (CWC), which took effect in spring 1997. The CWC is an international agreement prohibiting the development, production, stockpiling, transfer and use of chemical weapons, and it also calls for the destruction of all chemical weapons stockpiles. Team Umatilla's accomplishments are decisive and indisputable evidence of our Nation's commitment to fulfilling the terms of the CWC, and to making the world a safer place.

Stockpile destruction at Umatilla has truly been a team effort. Support came from a myriad of people and organizations – the careful oversight and work of local and state authorities and regulators, elected officials, UMCD and UMCDF personnel, government and contractor workers, site and headquarters personnel – ending with the triumph of October 25, 2011, when the last ton container emerged from the Metal Parts Furnace.

You, the men and women of team Umatilla – in government service or private industry at the depot or the UMCDF – have worked with dedication, skill and sacrifice to reach this milestone. You have served selflessly, achieving a permanent place in the making of chemical weapons history.

You made safety your watchword and way of life, and in so doing you made life safer for Umatilla, the surrounding communities, and indeed, safer for generations to come.

Congratulations. I stand proud to be a part of this team, proud of each of you, proud of your achievements, and proud to say you are my friends and co-workers.

Team Umatilla, I salute you.

DON E. BARCLAY

Acting Director, U.S. ARMY CHEMICAL MATERIALS AGENCY

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“TEAM UMATILLA'S ACCOMPLISHMENTS
ARE DECISIVE AND INDISPUTABLE
EVIDENCE OF OUR NATION'S COMMITMENT
TO FULFILLING THE TERMS OF THE CWC,
AND TO MAKING THE WORLD A SAFER PLACE.”



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❖ LEADERSHIP · DEDICATION · ACCOMPLISHMENT ❖

A Legacy of Safety and Success



BOMBS

DESTRUCTION COMPLETE

June 9, 2006

AGENT PROCESSED

GB

.....



SPRAY TANKS

DESTRUCTION COMPLETE

December 24, 2007

AGENT PROCESSED

VX

.....



M55 ROCKETS

DESTRUCTION COMPLETE

January 23, 2008

AGENTS PROCESSED

GB · VX

UMCDF at a glance



1. CONTAINER HANDLING BUILDING

Received and stored chemical weapons while awaiting processing.

2. MUNITIONS DEMILITARIZATION BUILDING

Dismantled and incinerated chemical weapons. Control room operators remotely managed the disposal process using both computers and video monitoring.

3. LABORATORY

Monitored for chemical agent, with thousands of air samples taken daily both in and around the plant.

4. PERSONNEL BUILDING

Included worker services, medical clinic and treaty compliance.

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Depot Activities

MAINTENANCE

Frequent inspections checked for leaking munitions. Such munitions were encased in larger containers called “overpacks.”

ENVIRONMENTAL PROTECTION

Staff members oversaw environmental permitting and protection of the depot’s natural resources.

EMERGENCY RESPONSE

24-hour emergency Operations Center monitored all activities and weather conditions. Regularly scheduled exercises ensured response procedures and personnel were prepared for any emergency.

MOBILE MONITORING LABORATORIES

Real Time Analytical Platforms monitored air inside and outside storage igloos to check for chemical agent.

SECURITY

A Department of the Army civilian taskforce protected chemical weapons stored in storage igloos within depot boundaries.





5. PROCESS UTILITY BUILDING

Housed the Brine Reduction Area, Bulk Chemical Storage tanks, and plant hot water boilers.

6. POLLUTION ABATEMENT SYSTEM

Cooled and cleaned incinerator gases to ensure clean air regulations were met, with a final pass through carbon filters.

7. PLANT AIR FILTERS

A cascade ventilation system and carbon filters ensured no chemical agent inside the plant was released into the environment.

Incineration Technology

DEACTIVATION FURNACE

Solid energetic materials and any remaining agent in the rocket pieces and land mines were destroyed and decontaminated in the Deactivation Furnace System. This system included a primary chamber operating at 1,050° F and a secondary chamber operating at 2,000° F.

LIQUID INCINERATOR

Liquid chemical agent and decontamination solutions were destroyed in the Liquid Incinerator. This system included a primary chamber operating at 2,700° F and a secondary chamber operating at 2,000° F.

METAL PARTS FURNACE

Solid metal parts, such as land mine overpack pails as well as bulk/ton containers, and plant operations and maintenance waste, such as personal protective equipment, were destroyed and decontaminated in the Metal Parts Furnace. This system included a primary chamber operating at 1,600° F and a secondary chamber operating at 2,000° F.



PROJECTILES

DESTRUCTION COMPLETE

August 6, 2008

AGENTS PROCESSED

GB · VX

.....



LAND MINES

DESTRUCTION COMPLETE

November 5, 2008

AGENT PROCESSED

VX

.....



TON CONTAINERS

DESTRUCTION COMPLETE

October 25, 2011

AGENT PROCESSED

GB · VX · HD

Messages from Current Leadership

“Enjoy your place in history; you’ve earned it!”



I SALUTE THE DEPOT AND PLANT WORKERS for their vigilance and dedication while destroying these weapons of mass destruction. Without your efforts, the goal of no chemical weapons in Oregon and the Northwest would not have been realized. I also thank the surrounding communities for their untiring support to this critical strategic mission. Your commitment to public safety and awareness helped make this mission a success. The Era of Chemical Operations has ended; together we will remain focused on the safety of the workforce, community and environment as we progress toward completion of our next mission of transition and closure.

LT. COL. KRIS PERKINS

Commander, Umatilla Chemical Depot, U.S. ARMY CHEMICAL MATERIALS AGENCY

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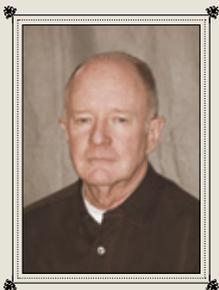


THE SUCCESSFUL COMPLETION OF OUR MISSION required integrity, courage and dedication. Your commitment and loyalty to this critical national project was evident every day. Your professionalism and selfless service has earned you the respect and thanks from a grateful community. You fulfilled your duty, enabling UMCDF to complete its mission safely, compliantly and ahead of our international commitments. It has been a true honor to work with members of the community, UMCD and UMCDF employees. Enjoy your place in history; you’ve earned it!

GARY ANDERSON

Site Project Manager, Umatilla Chemical Agent Disposal Facility, U.S. ARMY CHEMICAL MATERIALS AGENCY

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EVERYONE ASSOCIATED WITH THIS PHENOMENAL EFFORT should be extremely proud of their role. Every person who worked on the Umatilla project during permitting, construction, systemization and operations had a hand in this success. Literally, you made your communities and the world a safer place. Our UMCDF employees showed they understood that how you do a job is every bit as important as getting the job done. UMCDF did it the right way by putting the safety and health of employees and the public first, by safeguarding the environment and by staying true to our core values, starting with personal accountability.

STEVE WARREN

Project General Manager, Umatilla Chemical Agent Disposal Facility, URS Corps.



“Leave a legacy of good will”



THE UMATILLA STORY is one of expertise, cooperation, safety and security. It's about a talented, dedicated workforce who moved forward, shoulder to shoulder, with communities surrounding the Umatilla Chemical Depot. It's about a group of people working together to make the Depot and the disposal facility as safe as they can possibly be. It's about a team of professional government and contractor employees and concerned citizens who have made chemical weapons history.

CONRAD WHYNE

Program Executive Officer, ASSEMBLED CHEMICAL WEAPONS ALTERNATIVES
Former Director, U.S. ARMY CHEMICAL MATERIALS AGENCY

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ON BEHALF OF THE ENTIRE CHEMICAL STOCKPILE ELIMINATION PROGRAM, I simply want to thank you for what you have accomplished and more importantly, what you have endured. The significance of this National milestone, as you know, is truly far reaching. Moreover, it could not have been accomplished without your diligence, trust and hard work. Your efforts will be recorded in history as a shining example of what a Nation and its citizens can achieve. No other organization can boast a better record of stewardship and accomplishment than that achieved by you.

COL. JOHN LEMONDES

Project Manager Chemical Stockpile Elimination, U.S. ARMY CHEMICAL MATERIALS AGENCY

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CONGRATULATIONS TO THE ENTIRE UMATILLA TEAM on the completion of your chemical weapons stockpile destruction mission. Starting in 1962, the men and women of Umatilla Chemical Depot safely and securely stored some of the most dangerous weapons in the world, and on October 25, 2011, the Umatilla Team eliminated those weapons. *You are truly among our Nation's unsung heroes, and I salute you!*

COL. DARRYL BRIGGS

Director of Stockpile Operations, U.S. ARMY CHEMICAL MATERIALS AGENCY

Timeline

1962

Umatilla receives its first chemical weapons when VX-filled rockets are shipped from Indiana. Shipments continue until 1969.

1969

Depot employs 840 with \$7 million annual payroll, making it Umatilla County's biggest industry.

DECEMBER 2

Army announces plans for the removal of all lethal chemical warfare munitions from Okinawa to the Umatilla Army Depot. Controversy erupts when Oregon Gov. Tom McCall and others fight proposed shipment.

1970

Army begins shipments of chemical munitions from Okinawa to Johnston Island in the Pacific despite the support of Hermiston residents for shipments to the the Umatilla Army Depot.

FEBRUARY 20

Joan Didion, 2005 winner of the National Book Award, profiles Hermiston for Life magazine: "I did not quite understand why most of the people in Umatilla County actively supported the government's plan to store... a vast shipment of what people in Hermiston call 'defense material' and people outside Hermiston call VX and GB nerve gas...The next day I saw the mayor of Hermiston (Walt Pearson) in the showroom of his automobile agency...'This community's grown up with that depot,' he said. 'It's a patriotic thing and there's an economic aspect, too. Most people don't want to mention that word, but it's true.'"



1984

Drill and Transfer System, a trailer-mounted system that travels from depot to depot to remove toxic chemical agents from leaking munitions and transfer it into storage containers, begins processing weapons at Umatilla.

JANUARY 25

Army sends a letter to local public officials of plan to incinerate Umatilla's rockets. (The Army later expands disposal to include all of Umatilla's chemical weapons).

1980

MAY 6

The Army says obsolete "chemical agent identification sets" would be moved from 14 military installations in 13 states (including Umatilla) and Johnston Island to Rocky Mountain Arsenal for destruction.

1970s

Reports of leaking nerve agents at Umatilla lead many Oregonians, including U.S. Sen. Mark Hatfield and Gov. Vic Atiyeh, to call for the destruction of the depot's chemical weapons stockpile.

1971

SEPTEMBER

Army finishes shipping chemical munitions from Okinawa, Japan, to Johnston Island, located about 800 miles from Hawaii.

UMATILLA CHEMICAL DEPOT

1988

The Army and Federal Emergency Management Agency establish the Chemical Stockpile Emergency Preparedness Program (CSEPP) in response to a federal law calling for added protection at Umatilla and other stockpile sites.

DECEMBER

In its first wave of base closures, the federal Base Realignment and Closure (BRAC) Commission selects Umatilla depot for realignment, leaving on-site destruction of chemical weapons as its final mission.



1994

Army completes "Golden Cargo" shipments of conventional ammunition from Umatilla. Most shipments go to Hawthorne, Nev.

1996

Umatilla Army Depot changes name to Umatilla Chemical Depot.

JUNE 7

"The Rock" action movie opens; script partly (and loosely) based on information about VX weapons at the Umatilla Chemical Depot.

1997

Army begins shipping Umatilla's binary chemical weapons to Nevada for destruction. Umatilla's binary weapons are among the first chemical weapons to be destroyed under the Chemical Weapons Convention treaty.

JANUARY 27

"The CBS Evening News with Dan Rather" broadcasts segment on UMCD.

FEBRUARY 10

Systems contract of \$567 million to build, test, operate and close the UMCDF awarded to Raytheon Demilitarization Co. (later Washington Group International, now URS Corp.).

FEBRUARY 12

Oregon Environmental Quality Commission approves UMCDF Resource Conservation and Recovery Act (RCRA) permits (application made in 1986).

MAY 1

UMCDF groundbreaking ceremony; attendance 150. "After 35 years, the end of our mission is in sight," says Lt. Col. Marie Baldo, UMCD Commander.

JUNE 10

UMCDF construction begins (full notice to proceed).

1999

JULY

Construction work force at UMCDF peaks at 1,149 workers.



1998

Portland Journal of Commerce ranks UMCDF as the second largest construction project in the Northwest in dollars, behind Safeco Field in Seattle.

MARCH

CBS's "60 Minutes" broadcasts segment on Umatilla CSEPP. "Nine years and \$600 million later, we decided to take a look... to see if the people next door are any safer than they were before," says Steve Kroft.

APRIL 14

First incinerator installed (Deactivation Furnace System).

2005

MARCH 8

Washington Group International (formerly Raytheon, now URS Corp.) receives regional Project Management Institute's "Project of the Year" award for Umatilla plant.

MAY 13

Umatilla Chemical Depot once again placed on federal Base Realignment and Closure (BRAC) list.

APRIL

A series of small fires begins occurring during rocket shearing operations in the facility's Explosive Containment Rooms. There is minimal damage, there are no injuries and no chemical agent is released to the environment.

AUGUST 7

In "When Pigs Wi-Fi," the New York Times features the CSEPP-funded "largest Wi-Fi hotspot in the world," 600 square miles around Hermiston. Newsweek, CBS, ABC, Business Week and other media outlets follow.

SEPTEMBER 27

GB bomb processing begins.

OCTOBER

Metal Parts Furnace begins disposal operations (last of three types of furnaces).

642 rockets safely eliminated in one day (UMCDF record for GB).



2001

AUGUST 13

UMCDF End of Construction Ceremony; attendance 750.

DECEMBER 11

Army says it will move its mustard agent from a metal warehouse into more secure igloos as a result of the Sept. 11 terrorist attacks. National Guard Soldiers patrol UMCD for further protection.

2002

JUNE 2

CBS's "60 Minutes II" broadcasts segment on Umatilla Chemical Depot.



2003

FEBRUARY

Surrogate Trial Burns, to demonstrate system efficiency, begin with Liquid Incinerator 1.

AUGUST 25

Maclean's, Canada's leading news magazine, features Umatilla chemical weapons in "A Farewell to Arms."

2004

SEPTEMBER 8

First GB rocket destroyed.

NOVEMBER 9

First igloo emptied of chemical weapons; more than 110 igloos will eventually be emptied as disposal continues.





2007

JANUARY 3

Final GB 8-inch projectile eliminated.

FEBRUARY 1

First 155mm GB projectile processed through Metal Parts Furnace.

FEBRUARY 11

UMCDF surpasses 50 percent mark in munitions destroyed (23 percent by tonnage) with 110,300th munition.

FEBRUARY 12

Occupational Safety and Health Administration Volunteer Protection Program (VPP) "Star" status Ceremony held at UMCDF.

JUNE 18

Chemical Materials Agency reaches 45 percent destruction milestone; Umatilla contributes 994 tons toward milestone.

JULY 8

Final GB munition (155mm projectile) eliminated.

OCTOBER 29

First VX rocket destroyed in Deactivation Furnace System.

NOVEMBER 23

First VX spray tank destroyed.

2006

JANUARY 5

UMCDF processes the four GB ton containers in UMCD stockpile.

JANUARY 17

UMCDF surpasses 2 million man hours without a lost-time accident.

MARCH 29

Site Project Manager Don Barclay receives Department of the Army Decoration for Exceptional Civilian Service Award.

MAY 18

Final 500-pound GB bomb eliminated.

JUNE 8

OSHA recommends Voluntary Protection Program (VPP) "Star" status for UMCDF, OSHA's highest safety award.

JUNE 9

Final 750-pound GB bomb eliminated (last bomb in UMCD and national stockpile).

JULY 24

15th (and final) GB rocket shear fire occurs.

AUGUST 9

Final GB rocket eliminated at UMCDF.

SEPTEMBER 28

First 8-inch GB projectile processed.

NOVEMBER 6

100,000th munition stockpiled at Umatilla processed.

NOVEMBER 9

Mustard ton containers consolidated with all munitions in a single storage area (movement began September 9, 2006).



2007

NOVEMBER 26

UMCD's only VX ton container thermally decontaminated in Metal Parts Furnace.

DECEMBER 24

Last VX spray tank in UMCDF and U.S. stockpile destroyed.



2008

JANUARY 12

Umatilla Local Redevelopment Authority officially recognized by BRAC Office of Economic Adjustment.

JUNE 8

UMCDF surpasses 5 million hours without a lost-time injury.

JUNE 12

First HD mustard ton container destroyed at UMCDF (placed in furnace June 11).

AUGUST 19

Bob Flournoy, chairman of Oregon Chemical Demilitarization Citizens Advisory Commission, receives the Army Superior Service Award.

2008

JANUARY 6

733 VX rockets eliminated in one day, a record for UMCDF and CMA VX rocket disposal.

JANUARY 7

All six of UMCD's M56 VX rocket warheads processed.

JANUARY 23

Last VX rocket processed.

MARCH 20

First VX 155mm projectile processed.

APRIL 15

UMCDF surpasses 3 million hours without a lost-time injury.

JUNE 27

Last VX 155mm projectile processed.

JULY 15

First VX 8-inch projectile processed.

AUGUST 6

Last VX 8-inch projectile processed.

SEPTEMBER 25

First VX land mine processed in Deactivation Furnace System.

NOVEMBER 5

Final VX munition (M23 land mine) processed in Deactivation Furnace.

NOVEMBER 8

UMCDF surpasses 4 million hours without a lost-time injury.



2010

JANUARY 15

UMCDF surpasses 6 million hours without a lost-time injury.

MARCH 17

A worker is exposed to mustard agent. Processing is paused.

APRIL 21

Processing resumes.

AUGUST 3

Oldest ton container in UMCD stockpile, "Grandpa," made in 1940 and filled in 1946, is destroyed.

AUGUST 6

UMCDF surpasses 50 percent destruction of UMCD's chemical agents.

AUGUST 19

UMCDF surpasses 7 million hours without a lost-time injury.

SEPTEMBER 3

UMCDF's Mike Morehead becomes the first to complete 200 Demilitarization Protective Ensemble (DPE) entries.

DECEMBER 2

UMCD wins Army Material Command Exceptional Organization Safety Award.



2011

FEBRUARY 22

UMCDF surpasses 8 million hours without a lost-time injury.

APRIL 16

Rinsate Collection System disposal begins at UMCDF to minimize number of ton containers sent through the Metal Parts Furnace.

SEPTEMBER 19

UMCDF surpasses 9 million hours without a lost-time injury; the equivalent of one person working 40 hours a week for 4,327 years.

OCTOBER 3

A demolition contractor begins first visible exterior dismantling of UMCDF equipment (Brine Reduction Area Pollution Abatement System).

OCTOBER 11

Final Chemical Weapons Convention treaty agent sample taken.

OCTOBER 20

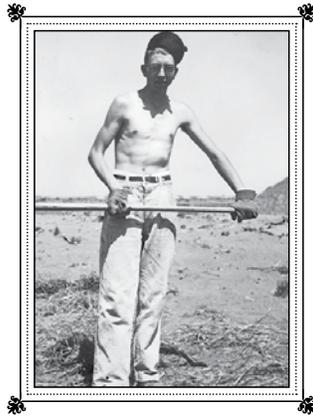
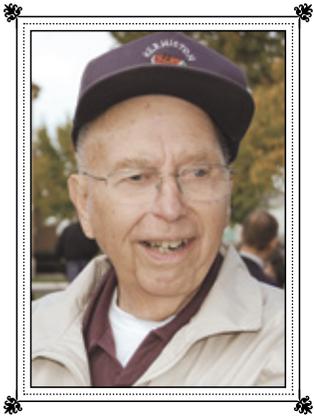
UMCD sends last shipment of chemical agent from igloos to UMCDF.

OCTOBER 25

UMCDF completes disposal mission when final mustard ton container exits the Metal Parts Furnace at 9:19 a.m. CSEPP runs its final siren test at noon.



First Person Accounts



“The Umatilla Army Depot put Hermiston on the map. It’s had a *this stuff is going to be safe in storage. So why piddle around and Depot will be missed. Hermiston’s always been a can-do city, and*

FRANK HARKENRIDER

Former Hermiston Mayor and current City Councilman

(Harkenrider’s first job, as a high school freshman, was pitchforking hay



BILL MILBRODT, Chief of Staff, UMCD

WHEN I STARTED IN 1990 as a Quality Assurance Specialist, the Depot had two missions, conventional and chemical. Billions of dollars have been spent to get rid of the chemicals, and the cleanup of these sites is phenomenal. The lesson to be learned is that the officials who planned these weapons didn’t plan for their eventual disposal or the cleanup process. We will be involved in the next few years with ensuring the cleanup process is followed. I plan to work here until the last key is turned.



CHRIS BROWN, CSEPP Manager, Oregon

FOR THE PAST 14 YEARS I’ve been heavily involved in emergency preparedness associated with the Umatilla site. Final disposal has been the result of teamwork by local, state and federal officials. The biggest accomplishment is that we completed the mission of destroying chemical weapons and made communities safer. As a result of the CSEPP program, our communities are better able to respond to emergencies. Establishment of the CSEPP Governing Board was the single most important endeavor. We have also been a role model throughout the Nation. This has been a huge success story.



WILLIS LEEP, Chief Chemical Ammunition Division, UMCD

IT’S BOTH A SAD AND JOYOUS MOMENT for me. This is the end of an era. A happy note is that they’re gone. The public is safer and the environment is safer. When we started transporting the chemical munitions to the incineration facility, this was the beginning of a new era. We had a game plan before we moved them and moved them safely and securely. Most memorable to me was our work in moving the conventional weapons out of the depot and the disposal of the last conventional ammunition in the Ammunition Disposal Area.



EUNICE SIGLER, Army Contracting Command, UMCD Property Administrator

THROUGH MANY AN ACQUAINTANCE AND MANY MEMORIES we accomplished the mission we were brought together to do: eliminate the Umatilla Chemical Depot’s cache of weapons of mass destruction. In doing so, we have made the surrounding communities, and the world, a safer place.



tremendous impact on this community. In the 1990s, when people were arguing about incineration, I said, *'No one can tell you how long wait? It's time to say yes to the incinerator.'* As for an accident, I never gave it a thought. There's no doubt the Umatilla Chemical we will figure out what to do next."

out of a donkey-drawn cart onto Umatilla Army Depot weapons bunkers to camouflage them during World War II.)



MILT CASPER, retired Chief of the Surety Program, UMCD

I WENT TO WORK AT THE DEPOT IN AUGUST 1953 in the Ammunition Surveillance Division. I left to work at the Letterkenny Depot and later returned to the Umatilla Depot, retiring in 1964. In 1968, the Umatilla Depot asked me to return to implement the Chemical Surety Program under a two-year contract. It was a busy place then, and there was talk about what would happen to the chemical weapons. The governors of Oregon and Washington filed suit against me and the commander at the time, Lt. Col. Chuck Norris, because of Army plans to ship chemical weapons from Okinawa to Umatilla. The Army decided instead to destroy the Okinawa weapons at Johnston Island. I enjoyed working with people at the Depot. The job of destroying the chemical weapons at Umatilla has been well done.



GEORGE NEWMAN, Chief of Chemical Operations Directorate, UMCD

I STARTED AT THE DEPOT first as a security guard and then worked as a parts attendant for the Drill and Transfer System, which gave me familiarity with chemicals. Final disposal means to me the total reduction in risk to our chemical workers and to surrounding communities. It's taken chemical weapons out of the equation. This means the end of our oversight and surveillance of chemical weapons storage at Umatilla. My philosophy is trust the monitoring equipment, trust the protective equipment for workers, trust written procedures to maintain confidence in what we're doing, and above all respect the danger of those chemicals.



DEBORAH LOPEZ, Director of Risk Management, UMCD

AT THE DEPOT our job has been to safely store and transport the stockpile. We did. Now we must close the igloos so they are safe for re-use and we will. *"Our goal is that when people talk about UMCD, we're history."*



STEPHANIE BRASHER, UMCD Records Management Lead, SAIC

TEAM UMATILLA DID IT and we did it together, through all the ups and downs...we completed our mission. I will always be proud of the accomplishments we achieved and will treasure many fond memories of UMCD.

First Person Accounts



“This project eliminated a major threat to the community by destroying nerve and blister agent stored and supported us. UMCD has changed the lives of most of its workers. It provided steady, well-to get their feet under them and establish a sense of security and improved standard of living. For endeavor, whatever it may be. I will most remember this project for the teamwork demonstrated in

MIKE DANIELS

UMCDF Closure Manager, URS Corp.



TYLER D. WILSON, Fire Chief, UMCD

I HAD BEEN IN THE DOD FIRE SERVICE for over 12 years and had been a hazardous materials emergency responder for over 10 years when I arrived at UMCD in August 1998. After participating in several local and Army-wide Chemical Accident or Incident Response and Assistance (CAIRA) exercises, it was clear to me that I was working with true professionals and that this would be a significant accomplishment.



DONNA FUZI, retired Treaty Escort Manager, Defense Threat Reduction Agency

THE DISPOSAL OF THE WEAPONS SEEMS like it took forever, but we kept plugging along. We jumped hurdles that came before us. Now it's done. We've accomplished it – the disposal of the Umatilla stockpile. I miss the people I worked with who helped achieve this milestone. I worked at several jobs here and the longest was eight years and four months as the Treaty Escort Manager for DTRA. In that job, I met a lot of interesting inspectors who, like most of us, wanted to get rid of the chemicals.



RON LAMOREAUX, retired Chief of Staff, UMCD

I SEE THE COMPLETION OF UMCD'S CHEMICAL MISSION as a huge accomplishment. When I served as Chief of Staff during Lt. Col. Marie Baldo's time as commander, we were part of the planning process leading up to the start of agent operations in 2004. I'm glad it's done. Besides getting rid of the chemical weapons here, this depot has been a mainstay to the communities of Eastern Oregon.



DOUG HAMRICK, retired UMCD Project General Manager, URS Corp.

THE PEOPLE AT UMCD should be very proud of what you have accomplished! You safely and efficiently eliminated a huge hazard to both the region and the world. Not many people can truly say they've made the world a safer place. There were many people that said it couldn't be done, but you've proved them wrong and in a way that exceeded anyone's expectations!



for decades. At the same time, it has brought commerce and economic growth to the area. The communities have welcomed us paying jobs when many areas in the country were facing tough economic times. It provided the younger work force an opportunity our older work force, it provided a secure transition into retirement. For the rest, it provided training and experience for our next good times and bad, the friends I made and the privilege of being part of a team whose mission has been so successful.”



PHIL FERGUSON, Base Realignment and Closure Coordinator, UMCD

LOOKING BACK ON 21 YEARS AT UMCD, it’s been a good run. I started here as a Quality Assurance Specialist when we had both conventional and chemical munitions. At the time, the Depot was busy keeping up with needs for Desert Storm. It’s kind of sad. What we’ve been doing for years will be dismantled. However, it’s been enjoyable to work on a depot where we had a lot of leeway to do what was needed to get our mission done. I can say I was part of destroying the 12 percent of the Nation’s chemical stockpile. We were part of something important.



DOUG BARNETT, Chief of Public Works, UMCD

WHEN I FIRST GOT INTO CHEMICALS, you couldn’t talk about it when you went home because of security restrictions. Over the years it changed to full and open disclosure. Taking care of leakers was a big part of my job. I’ve been dealing with them for more than 30 years. I recall when I first started working, and we had personal protective equipment (PPE) from the 1950s. In the 1990s I was part of a working group that reviewed options for improved PPE. I remember using rabbits for detection of any leakers in the 1980s before the development of the sophisticated mobile monitoring equipment used today.



SHARLA BARBER, UMCD Closure Sampling Manager, URS Corp.

THE UMCD PROJECT WAS SIGNIFICANT to me because of its dedication to the safety and health of people both on and off the depot. To determine emissions from the incinerator stack, the contractor, Army and Oregon DEQ required trial burns on each furnace on each agent, as contrasted to the regulations to do one every 5 and 10 years. In addition, emissions testing was conducted on secondary waste and on rinsate (a combination of HD and water). That dedication to collecting emissions data for the broad-based community to be able to quantify the risk to human and ecological health will always be remembered.



SHANNON KINNUNEN, Project Coordination Manager, URS Corp.

I WILL FONDLY REMEMBER MY TIME AT UMCD both for the good we accomplished – completing agent operations ahead of schedule, safely and compliantly – and for the friendships formed. Team Umatilla truly was a family that provided support and encouragement.

First Person Accounts



“The UMCDf project should be remembered for engineering excellence. The system and design in the last year, the Rinsate Collection System (RCS) minimized the number of rinsate ton containers the RCS saved about \$50 million. UMCDf had the highest long-term sustained rocket destruction of performance was accomplished in spite of multiple rocket fires caused by aging rocket propellant discharge conveyor (HDC) chain. A single HDC chain processed over 90,000 rockets, whereas at other types of munitions due to similar engineering enhancements.”

BILL HAMPTON

UMCDf Design Engineer, URS Corp.



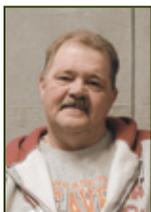
TOM GROAT, Emergency Management Coordinator, Confederated Tribes of the Umatilla Indian Reservation (CTUIR)

FINAL DESTRUCTION OF THE CHEMICAL WEAPONS at the Umatilla site is a significant accomplishment for all in emergency preparedness. There were a lot of things we had to work through, but before 9/11, people within the CSEPP community, first responders, emergency officials and local communities sat down together at meetings of the CSEPP Governing Board, Citizens' Advisory Commission and the Community Response Coordinating Committee. All of these organizations went through growing pains, but as a result we were prepared for emergencies. We were well-financed and well-staffed because of CSEPP, and with the end of chemical agent at Umatilla, we have to reshape our future.



JONI HAMMOND, Deputy Director, Oregon Department of Environmental Quality

I AM PROUD OF THE STAFF at the Army, URS, and DEQ for the safe destruction and oversight of the chemical agent stockpile located in Eastern Oregon. Together, you have made Umatilla and Morrow counties and the state of Oregon a safer place to live. *Congratulations!*



JIM HOWARD, UMCDf Control Room Operator, URS Corp.

THE UMCDf PROJECT WAS SIGNIFICANT to me because I came to this project from another demil site that had completed its mission. It's a great accomplishment to world peace by destroying the weapons. I feel proud of the work we have completed and hope these types of sites will never be needed again. So thanks, UMCDf, for all that we've done.



PATTY O'BLENESS, UMCDf Safety Specialist, SAIC

I WORKED SIX YEARS as a toxic materials handler before I became a safety specialist. This is what we came here for – to better the world and make it a safer place. I remember when we shipped the first chemical weapons to the plant. I was the guide to the forklift operator. We were new at transporting chemical weapons, but we had been practicing for a year and a half. I was glad to get going. One of the biggest highlights that day was George Newman saying that he was really proud of us. It was a memorable moment.



engineers developed solutions for unique problems that were at times ingenious, creative, innovative, sensible, clever or brilliant. processed through the Metal Parts Furnace by feeding rinsate to two liquid incinerators. By saving 132 days of production time, rates of all chem demil sites, made possible because of engineering improvements in equipment and furnace systems. This high-level and in spite of the strictest environmental regulations of any chem demil plant. Another engineering improvement was the heated other plants the HDC chain needed to be replaced after as few as 5,000 rockets. Record demil production was also achieved with



JIM HACKETT, Retired Public Affairs Specialist for CSEPP, UMCD

I HAD A 16-YEAR RIDE as a member of a local public information team, stressing emergency preparedness to residents around this facility. It's been a long haul for the men and women who made this site safer for their children and grandchildren. I've enjoyed working here with other workers and the eight commanders I've served, as well as the public affairs professionals who have assisted this project for many years. *Congratulations Team Umatilla on a job well done.*



MIKE STRONG, UMCDF Deputy Site Project Manager, Compliance, CMA

EVERYONE ASSOCIATED WITH THIS PROJECT can and should be proud of the accomplishments and success of UMCDF. The chemical weapons have been destroyed and the risk to the community has been eliminated.



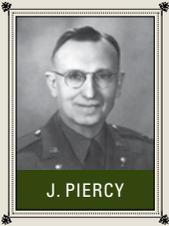
MICHELLE D. CURTIS, Director, Intelligence & Security Support, UMCD

RARELY DOES THE U.S. ARMY HAVE THE OPPORTUNITY to eliminate a globally significant threat through entirely peaceful means. On 25 October 2011, the employees and contractors at the Umatilla Chemical Depot accomplished that very feat. Words cannot express the pride of being a part of Team Umatilla and seeing this mission through completion. The impact to local, national and international communities is absolutely phenomenal.



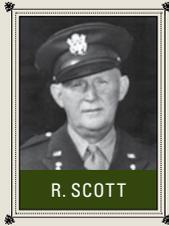
RUSS CASE, Contract Shop Supervisor, UMCD

I'VE ALWAYS HAD GREAT CONFIDENCE in depot personnel. I've enjoyed working here, and I'm impressed with the professionalism here. The end of the depot's mission may cost me a job, but I am pleased with the completion.



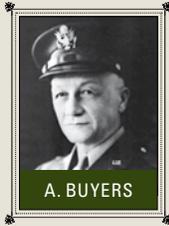
J. PIERCY

1941



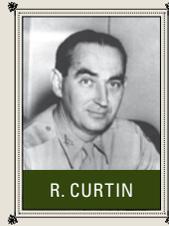
R. SCOTT

1941 - 1943



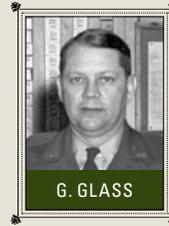
A. BUYERS

1943 - 1945



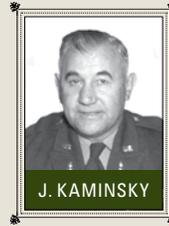
R. CURTIN

1946 - 1947



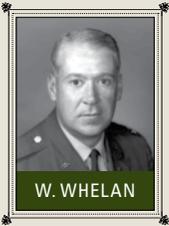
G. GLASS

1947 - 1950



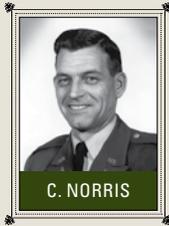
J. KAMINSKY

1950 - 1951



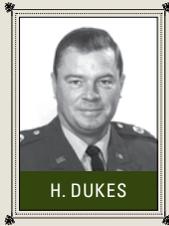
W. WHELAN

1967 - 1969



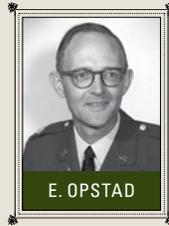
C. NORRIS

1969 - 1971



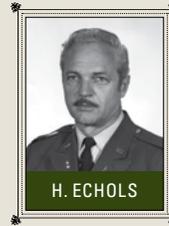
H. DUKES

1971 - 1972



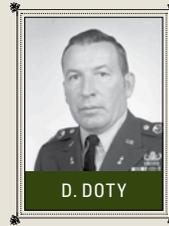
E. OPSTAD

1972 - 1973



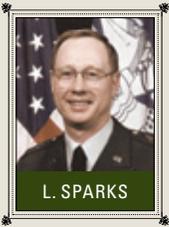
H. ECHOLS

1973 - 1974



D. DOTY

1974 - 1976



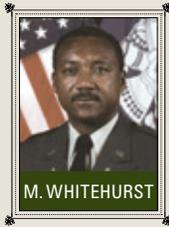
L. SPARKS

1989 - 1991



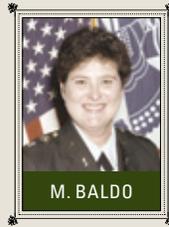
W. McCUNE

1991 - 1993



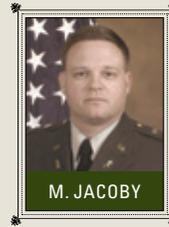
M. WHITEHURST

1993 - 1995



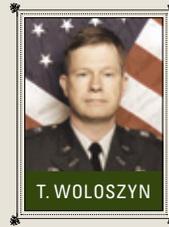
M. BALDO

1995 - 1997



M. JACOBY

1997 - 1999



T. WOLOSZYN

1999 - 2001

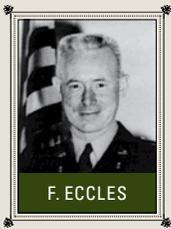
Messages from Past Commanders

“As Commander, I had the honor of sending the first rocket through the destruction facility. I was proud of the outstanding work that took place to accomplish this task. I am equally proud of UMCD/UMCDF efforts today in making our Nation a safer place with the completed destruction of the chemical stockpile located at UMCD. Well done.”

COL. DAVID “DOC” HOLLIDAY

“Well done! Your accomplishment has been noteworthy, and I am honored to have served among you on the Umatilla team. We built relationships to last a lifetime in Oregon, and your work and its successful conclusion serve as vivid reminders of your dedication, professionalism and friendship. You placed the country and mission first in all things, and your record stands as a monument to this legacy – a legacy started in 1941. Despite the difficult issues, challenges, resistance and concerns, you overcame all to achieve this successful milestone. I could not be more proud. Umatilla – I am proud to have served as a member of your team that involved the safety, security, and eventual destruction of the stockpile. You have made a difference in your community and the Nation, and citizens of Oregon and Washington, owe you a debt of thanks.”

COL. (RET.) THOMAS WOLOSZYN



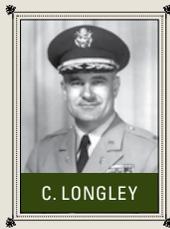
F. ECCLES

1951 - 1953



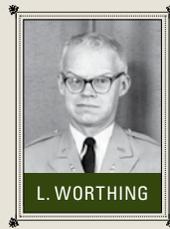
I. GUTHRIE

1954 - 1958



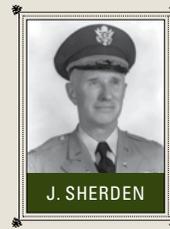
C. LONGLEY

1958 - 1961



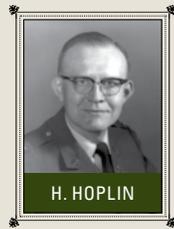
L. WORTHING

1961 - 1963



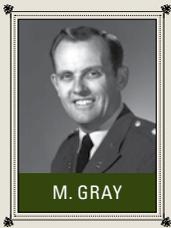
J. SHERDEN

1963 - 1965



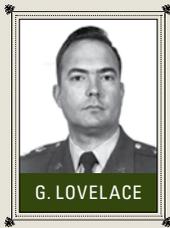
H. HOPLIN

1965 - 1967



M. GRAY

1976 - 1978



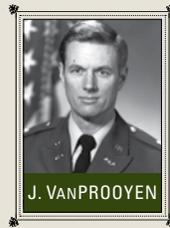
G. LOVELACE

1978 - 1980



V. COHUT

1980 - 1983



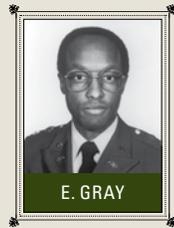
J. VANPROOYEN

1983 - 1985



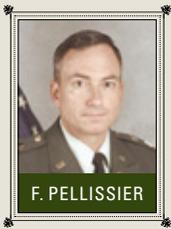
J. PATE

1985 - 1987



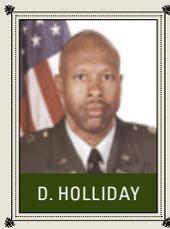
E. GRAY

1987 - 1989



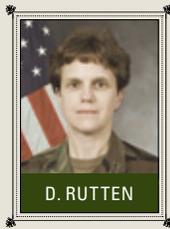
F. PELLISSIER

2001 - 2003



D. HOLLIDAY

2003 - 2005



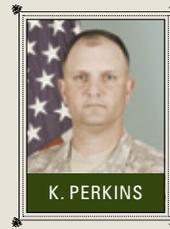
D. RUTTEN

2005 - 2007



R. STEIN

2007 - 2009



K. PERKINS

2009 - PRESENT

“I would like to congratulate the Umatilla team in reaching this momentous milestone. You not only have made your community safe but the entire world is better for your efforts. I honestly believe that the two years I spent as Commander of the Depot was the highlight of my 28-year military career. We didn’t agree on every issue but the various cities and towns, the two States of Washington and Oregon, our Confederated Tribe partners, and a whole host of Federal agencies worked together to arrive at solutions we all could live with. Never did we compromise on the safety to the environment or our local population. While other communities are still trying to get started, you have completed the mission. Thanks for letting me and my family be a part of your community.”

COL. (RET.) MARTIN JACOBY

“Congratulations to the workers and citizens in and around the Umatilla Chemical Depot for safely destroying the last chemical agent in Oregon. Your dedicated service and hard work have paid off in the completion of agent destruction. I challenge you to continue your outstanding safety record as you move toward dismantling the facility and preparing the Depot for its future use. Great job!”

COL. ROBERT STEIN

CSEPP Message

COMMUNITIES NEAR THE UMATILLA CHEMICAL DEPOT stand on the leading edge of emergency preparedness, thanks to the Chemical Stockpile Emergency Preparedness Program (CSEPP).

Part of a national program created to provide “maximum protection” to communities near chemical stockpile sites across the United States, Umatilla’s CSEPP team includes dedicated personnel from the Department of the Army; Federal Emergency Management Agency; the states of Washington and Oregon; Umatilla, Morrow and Benton counties; the American Red Cross and the Confederated Tribes of the Umatilla Indian Reservation (CTUIR).

The 800-megahertz (MHz) radio system installed in Benton County and the 450-MHz system in Umatilla and Morrow counties provide reliable communications between dispatchers and first responders. These systems will continue to operate after CSEPP has ended.

Web-based applications developed as CSEPP emergency response and information tools will continue after the program ends. The Morrow County Sheriff’s Department will inherit the Mobile Communications Vehicle for use during all types of emergencies.

Oregon Citizens’ Advisory Commission

IN 1993, the Army created Chemical Demilitarization Citizens’ Advisory Commissions (CACs) at chemical weapons stockpile sites as part of the congressional National Defense Act. The Governor of Oregon established the Umatilla CAC as a way to provide citizens an independent voice on matters relating to chemical weapons storage, destruction and emergency preparedness.

Through the years, the local CAC has provided a vital information link between state agencies, the community and the Army.

Former CAC members include: Karyn Jones, Gladys Richardson, Marie Baldo, Gerald Davis, Susan Jones, Wayne Thomas, Mark Bell, Bob Flournoy, Thomas Meyers, Dennis Murphey, Carleana Britt, John Herrera, David Burns, Ron Daniels, Rich Duval, Wanda Munn, Louis Carlson, and Don Wysocki.



Buildings funded by CSEPP include the Benton County Emergency Services Center, the Umatilla County Justice Center, and the CTUIR Emergency Operations Center/Public Safety Headquarters. Morrow County Emergency Management will leave behind an office next to the Irrigon Planning Department. The Sheriff’s Department can use this facility as office space to conduct crime investigations.

Thanks to CSEPP, local communities will continue to benefit from this unique partnership for years to come.



CAC MEMBERS AND SUPPORT STAFF

BACK LEFT: Jeffrey Wenholtz (Chairman), John Wenholtz, Chris Brown, Steve Potts

FRONT LEFT: Laura Henry (Clerical Support), Kathryn O’Meara Shaw, Susanne Starkweather (Court Reporter)

NOT PICTURED: Bob Severson, Donna Raines, Ray Grace (Vice Chair)

Congressional Delegation



“RESIDENTS (OF NEARBY) COMMUNITIES COULD LIVE WITH THE CONFIDENCE OF KNOWING THAT IT WAS BEING DONE SAFELY AND PROFESSIONALLY. CONGRATULATIONS TO THOSE WORKERS AND TO THOSE WHO LEAD THIS EFFORT!”

U.S. SEN. RON WYDEN
(Democrat, Oregon)



“CONGRATULATIONS TO EVERYONE INVOLVED IN THE DESTRUCTION OF CHEMICAL WEAPONS. I’D ALSO LIKE TO THANK THE COMMUNITIES FOR THEIR CONTRIBUTIONS AND THEIR ROLE IN TRANSITIONING THE DEPOT FORWARD!”

U.S. SEN. JEFF MERKLEY
(Democrat, Oregon)



“THE COOPERATIVE EFFORTS OF THE MORE THAN 1,000 DEPOT EMPLOYEES, STATE AND FEDERAL AGENCIES, AND THE SURROUNDING COMMUNITIES OVER THE PAST SEVEN YEARS RESULTED IN THE DESTRUCTION OF 3,717 TONS OF DANGEROUS CHEMICALS. THANKS TO THEM, OUR NATION AND THE WORLD IS A SAFER PLACE!”

U.S. REP. GREG WALDEN
(Republican, Oregon)

UMCDF Management

UMCDF SITE PROJECT MANAGERS

RAJ MALHOTRA	February 1997 - June 2000
STEPHEN C. DEPEW	July 2000 - October 2000
GARY ANDERSON	<i>Interim Site Project Manager</i> , November 2000 - April 2001
DON BARCLAY	May 2001 - February 2008
MIKE STRONG	February 2008 - June 2010
GARY ANDERSON	July 2010 - Present

UMCDF PROJECT GENERAL MANAGERS

SAM KASLEY	March 1997 - November 1998
JAY BLUESTEIN	November 1998 - April 2000
LOREN SHARP	<i>Deputy Project Manager</i> , April 2000 - July 2000
GIL WHITE	July 2000 - February 2001
LOREN SHARP	February 2001 - May 2002
RON GARNER	May 2002 - November 2002
DOUG HAMRICK	November 2002 - April 2009
BOB DIKEMAN	May 2009 - March 2010
DAVID REBER	March 2010 - May 2010
STEVE WARREN	May 2010 - Present



Inspectors from the Organisation for the Prohibition of Chemical Weapons visit the UMCDF.



TREATY

Inspectors from the Organisation for the Prohibition of Chemical Weapons lent an international flavor to the Umatilla Chemical Agent Disposal Facility for the life of the project. Inspectors came from many of the 188 nations that ratified the international Chemical Weapons Convention treaty and were a constant presence on-site since disposal began in 2004.

Inspectors lived in the Hermiston area while on their mission to verify chemical agent destruction and were escorted by U.S. Defense Threat Reduction Agency employees. Inspection teams stayed for several weeks before rotating out.

Based in The Hague, Netherlands, the Organisation verifies execution of the treaty, by which ratifying nations agree not to develop, produce, acquire, transfer or use chemical weapons. Under the current treaty terms, April 2012 was established as the date when the U.S. must destroy all its chemical weapons.

To verify compliance, inspectors have been making site visits around the U.S. since the treaty went into force, with the first visit to Umatilla in 1997.

Thank You for Making Umatilla a Success

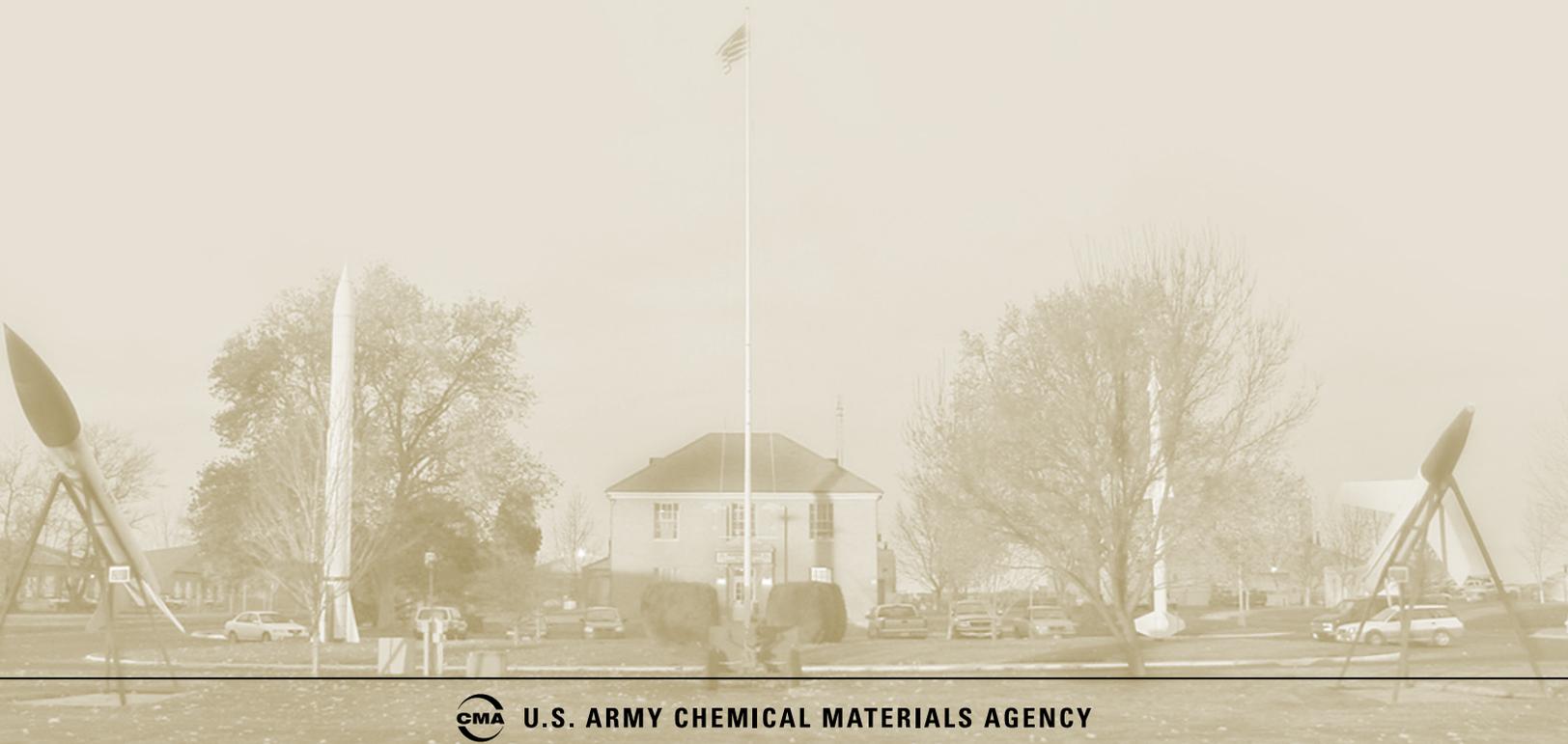
WE HAVE GOOD REASON TO CELEBRATE. For 50 years, local residents have shown their support for the Umatilla Chemical Depot's mission to safely store and dispose of its chemical weapons stockpile. Today we celebrate the achievement of that mission: 12 percent of the U.S. chemical weapons stockpile safely destroyed during chemical agent disposal operations that spanned seven years. This simple fact is now a piece of our community's history, a proud part of our local heritage. The historic mission accomplished at the depot will never be forgotten. Our community, our nation, and the whole world are safer as a result of what we have managed to accomplish here, working together.

Special thanks to our local and state elected officials, and to the many community groups who have supported our path forward. With citizen involvement in our Oregon Citizens' Advisory Commission (CAC) and our Local Redevelopment Authority (LRA), a strong community presence was felt on this project. We value the relationships established with local chambers of commerce, businesses, civic organizations, and school districts in all area communities. The encouragement provided by your constituents is greatly appreciated. The Umatilla Chemical Depot and Umatilla Chemical Agent Disposal Facility are proud to have been an integral part of the local community. We will never forget your contribution in making our mission a success.

The efforts of local, state, and federal emergency preparedness agencies to prepare and educate local communities on response to a potential incident due to stockpile storage have created communities prepared for numerous emergencies. Local communities will continue to benefit from this important partnership.

The Umatilla Chemical Disposal Outreach Office (ORO) will remain open through August 31, 2012 to assist visitors with information and services related to the Umatilla project's path forward through closure. After closure of the ORO storefront, project information and other services will be facilitated through the Umatilla Chemical Agent Disposal Facility's Field Office. Please call or visit the Outreach Office at 190 East Main St. in Hermiston, Ore. for additional information.

Additional information can be viewed at www.cma.army.mil.



U.S. ARMY CHEMICAL MATERIALS AGENCY