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DCC employees joined CAF members, veterans and members of the public for National Day of Honour observances across the country on May 9, 2014. James Paul, President and CEO, represented DCC at the national ceremony.

Six DCC employees (Janette Brodeur, Keith Dyer, Shawn Helmerson, Kris Seiler, Ray Tourville and Brigitte Trau) represented the organization in the official Parade of Honour from the Canadian War Museum in Ottawa to Parliament Hill for the national ceremony. Staff in communities from coast-to-coast participated in ceremonies with their military colleagues, civilians, and local and provincial representatives.



Six DCC employees (left to right: Ray Tourville, Keith Dyer, Kris Seiler, Brigitte Trau, Shawn Helmerson and Janette Brodeur) represented the organization in the official Parade of Honour from the Canadian War Museum in Ottawa to Parliament Hill for the national ceremony.

In a message to staff on the occasion, Mr. Paul said that it was both an honour and privilege for DCC to have been able to provide infrastructure and development support in Afghanistan and to help the Afghan people.

“Our employees in Kabul and Kandahar worked under incredibly challenging conditions: long hours in an active combat zone, located in a remote, harsh environment, far from family and friends, and with a construction industry unfamiliar with our normal standards.”

At DND’s request, DCC deployed to Afghanistan to help sustain the military engineering mission. Beginning in 2003 in Kabul, DCC provided contract management support to rebuild the country’s infrastructure, which had been shattered by decades of war. In 2006, DCC began deploying to Kandahar in roles that included program, project and contract management.

Over the course of the mission, 63 employees deployed and nine managers travelled in theatre to support and inspect operations. The work DCC carried out in Afghanistan was backed by full support of staff from across the organization.

“You didn’t stop work at 5 p.m.,”

recalled Marcy Burton, Regional Service Line Leader, Construction Services, who began a six-month tour as Site Manager at Kandahar's Camp Nathan Smith in November 2007. "If something needed to be done, you were there all night. It didn't matter. Everyone there was working as part of the team."



National Day of Honour ceremony at Parliament Hill in Ottawa.

With DCC involved in the awarding of hundreds of contracts, said Shawn Bindon, Manager of Major Programs, who travelled to Afghanistan on a number of occasions to support employees on the ground, he was consistently impressed with the ability of staff to deliver projects under trying conditions. "This is the ultimate delivery of defence projects ... [You] truly see the impact of your ability to deliver."

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### A potentially explosive clean-up project moves forward at Lac Saint-Pierre, Québec



A team of UXO technicians perform a shoreline sweep.

If just one Unexploded Explosive Ordnance (UXO) can be a risk, imagine the challenge Environmental Services Coordinator Josée Gagnon and her colleagues are facing with 3,000 of them left behind from munitions testing programs at Lac Saint-Pierre, Québec.

“They represent the highest risk,” said Gagnon of the fused UXOs that were identified as remaining on the lake bed when the testing program changed in 1999. At that time, there were 300,000 projectiles estimated at the site, with nearly 6,500 containing energetic material. The 3,000 that were fused were identified as the most dangerous. The key priority is to remove the UXOs that pose the highest risk—ones that contain energetic material and found in the most accessible areas.

Lac Saint-Pierre is a unique UXO removal project because the area was not used for training, but as a munitions testing range for the Canadian Armed Forces. This is where munitions were tested and proven before the Canadian army purchased them. The site is still used for this purpose but the munitions are no longer fired into the lake.

In 2007, Defence Construction Canada (DCC) began working with the Department of National Defence (DND) to assist in the coordination of the retrieval program at Lac Saint-Pierre. Gagnon and her colleagues have managed a series of contracts, assisting DND in identifying and carrying out the removal work at the lake, which is flat bottomed and used by recreational and commercial interests.

That work included geophysical surveys confirming historical data, and led to a thorough clean up in advance of dredging work that resulted in accessibility to the lake. This was followed by more work in 2012, when a dry summer revealed more lake bed—and more UXOs to remove.

“We were really pleased with the work performed, but we knew that other projectiles were still in the vicinity,” said Gagnon.

They took specific GPS co-ordinates for the others that could be seen—and the tracking work led to an even more successful sweep in the fall of 2013, when 66 high-explosive UXOs were removed, adding to the final tally of 196 projectiles removed that year. That exceeded their already-high achievement of 178 removed in 2012.

“The challenge is to collect the best data you can to assess the risk,” said Gagnon about the approach to the project at Lac Saint-Pierre.

The work isn't over at Lac Saint-Pierre either. DND is now assessing the best option for further clean up and DCC is ready to assist.



Projectiles dredged from Lac Saint-Pierre are perforated to prepare them for safe transport.

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### New Hercules hangar and firehall complete at 8 Wing Trenton



Exterior of the new hangar 2 constructed for the J-model Hercules at 8 Wing Trenton. The new hangar is an 11,582 m<sup>2</sup>, LEED Silver aircraft maintenance facility.

Once again, Defence Construction Canada (DCC) is at the forefront of the changing face of 8 Wing Trenton, the hub of air transport in the Canadian Armed Forces (CAF).

As part of a massive infrastructure [renewal](#) that has seen the flightline at this “home of air mobility” completely change over the past few years, the new firehall and [J-model Hercules](#) maintenance hangar are finally complete. The buildings are ready to be declared operationally ready and will be fully occupied and open for business in the near future.

These milestones end years of intense planning, partnerships and good old-fashioned hard work between the DND/CAF, DCC and a myriad of contractors that have worked so hard to complete these state-of-the-art facilities.

#### J-model Hercules maintenance hangar

Hangar 2 is an 11,582 m<sup>2</sup>, LEED Silver aircraft maintenance facility for 17 Royal Canadian Air Force J-model Hercules aircraft.

The hangar contains:

- Approximately 2,500 tons of steel
- 210 kilometres of electrical wires
- 30 kilometres of conduits for communications and electrical components
- 10 kilometres of tubing under the 25 centimetre concrete floors for in-floor radiant heating
- Two hangar bays, separated by a two-storey space



- A single storey administration area
- Shop support, warehouse and loading dock; and
- A rain water recycling system, energy conservation and controls systems and a high expansion foam fire suppression system in case of fire

“This hangar was by far the most complex, most comprehensive project I have ever worked on for the Canadian Armed Forces,” says Dan Heslinga, DCC Coordinator, Construction Services at 8 Wing. “Our team worked extremely hard to be the connection point between our Client-Partner, the Canadian Armed Forces, and the contractors, so it was an excellent learning opportunity for me personally and a great source of pride for all of us at DCC and our families.”

### The new firehall

With the influx of new aircraft at 8 Wing Trenton such as the J-model Hercules and the CC-177 Globemaster III, the Department of National Defence decided to upgrade the firefighting capabilities at 8 Wing. In the event of an aircraft incident, aircraft firefighting becomes a vital lifesaving tool.

The new firehall doubles the size of the old 1962 firehall and contains:

- 3176 m<sup>2</sup> of space
- 14 truck bays
- Accommodations
- Kitchen and dining facilities
- Recreation room
- Physical training room
- A heavy duty laundry facility will now allow cleaning of bunker gear on site.

“One of the greatest features of the new firehall is the location, which is closer to the mid-point of the flight line greatly reducing response times,” says Ron McMaster, DCC Coordinator, Construction Services at 8 Wing Trenton. “The view from the control rooms provides an unobstructed view of the flight line, which is in an excellent location.”

“This building will definitely allow DND to fight aircraft fires that much quicker, which is their number one responsibility. These firefighters shoulder huge responsibilities for saving lives so by osmosis the DCC team here in Trenton has sort of absorbed that sense of pride.”

Both Heslinga and McMaster are working out a few last-minute changes at both buildings and expect they will be fully open for business by the end of the summer.

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### DCC National Award winners: Client-Partner support at its best



National Award winners (back row) Arthur Humble, Michael Farrell, Stephen Toth (front row) Colin Sullivan, Nicole Burgess and Éric Desrochers with DCC President and CEO James Paul.

DCC once again celebrated the exemplary performance of the men and women who help the organization support its Client-Partners. The 2014 National Awards were presented at a ceremony on May 6, 2014.

“Times of transformation provide both challenge and opportunity,” said DCC President and CEO James Paul, as he welcomed attendees to the Ottawa event. “The winners of these awards [are] some of the best examples of why DCC is valued by both our Client-Partners and the Government of Canada.”

- Richard Elchuk, Site Manager at DCC Suffield, received this year’s **President’s Award** for his outstanding leadership and ability to adapt to the ever-changing business environment, including his work to develop facility maintenance contracts in the Western Region.
- The members of the Real Property Management Services Team in the Quebec Operational Group (Dominique Chartier, Samir Chemrouk, Éric Desrochers, Monica Marin, Guylaine Poirier and Josée Turgeon) were honoured with the **Service Development Award** for the support they provide to the 2nd Canadian Division Engineer Services.
- Stephen Toth, Major Project Leader in Esquimalt, received the **Innovation Award** for



developing a new approach to adjusting bonding premiums without increasing project risk. This is expected to result in significant savings to the Crown.

- The **Robert Graham Memorial Award** went to Michael Farrell, Coordinator, Environmental Services in Kingston, for his exceptional work on the very complex base-wide Asbestos Survey project at CFB Kingston.
- Through his leadership and knowledge, Arthur Humble, Team Leader, Contract Services in Petawawa has significantly reduced the cost for procurement and increased the percentage of successful tenders. Arthur received the **Customer Satisfaction—Individual Award**.
- The **Customer Satisfaction—Team Award** was presented to the Pleasantville Consolidation Project team of Mike Brown, Jeffrey Hopkins and Colin Sullivan from St. John's. The team won for its collaborative and proactive approach to handling a complex set of challenges.

James Paul also presented the **President's Certificate of Recognition** to the Western Region's Canadian Forces Fire Marshal—Inspection, Testing and Maintenance Team (Nicole Burgess, Troy LaHaye, Scott Woodside and Jason Serwa) for its significant contribution to the pilot program for a new contract to inspect, test and maintain fire suppression and fire alarm systems.

The ceremony was also a chance to recognize those from outside DCC who have made a valuable contribution. RCAF military engineer LCol James Fera, ADM(IE), received the **Friends of DCC Award** for his ongoing collaboration with DCC, including in the 2008 Tropical Hammer engineering exercises in Jamaica and as the Deputy Commander of the Construction Management Team with the Provincial Reconstruction Team in Afghanistan. The newly appointed ADM(IE), Jaime Pitfield, was also on hand for the ceremony and his message about the Client-Partner's appreciation of DCC's continued commitment to supporting its infrastructure and environmental activities was well received by all in attendance.

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## About DCC at Work

*DCC at Work* is our Corporate Services newsletter, delivered bi-monthly to our public- and private-sector partners and the public at large. The articles in *DCC at Work* focus on service-delivery success stories, from the most complex projects to innovative ideas that save time and money.

To suggest story ideas or to comment on the newsletter, please contact [the Editor](#).

Look for the next issue of *DCC at Work* in August 2014.



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