



Item
Meeting 2015 Sept 14

COUNCIL REPORT

TO: CITY MANAGER **DATE:** 2015 September 09
FROM: FIRE CHIEF
SUBJECT: BURNABY FIRE DEPARTMENT 2014 ANNUAL REPORT
PURPOSE: To provide Council with the Burnaby Fire Department's 2014 Annual Report

RECOMMENDATION:

- 1. **THAT** this report be received for information purposes.

REPORT

The Burnaby Fire Department's 2014 Annual Report (attached) has been forwarded to Council under separate cover. It is a summary of the Department's activities and encompasses all aspects of the Department's management and operations.

Doug McDonald
FIRE CHIEF

DM:se



BURNABY FIRE DEPARTMENT 2014 Annual Report



Eton Street Fire
Courtesy of bcfiretrucks.com



Firefighter Wilson
Courtesy of Larry Wright - Burnaby Now

Jaws of Life Rescue

Courtesy of the internet

THE BURNABY FIRE DEPARTMENT'S PRIMARY RESPONSIBILITIES INCLUDE:

- Ensuring the protection of property and the safety and well-being of citizens of Burnaby.
- Providing comprehensive fire, safety and rescue services.
- Providing the citizens of Burnaby with a high level of first response emergency medical care.
- Fulfilling all legislative responsibilities governing the operation of the Fire Department as required under the authority given by the British Columbia Fire Services Act, the Burnaby Fire Services Bylaw, British Columbia Fire Code Regulations and other related Acts.
- Providing public education and safety information in Fire Prevention and related matters.

2014 EXPENDITURES & REVENUES

EXPENDITURES

Administration Division	\$1,006,620
Operational Division	\$31,508,244
Mechanical Division	\$2,026,644
Training Division	\$394,309
Fire Prevention Division	\$923,837
Total	\$35,859,654

REVENUES

Location Filming	\$0
Donation / Sponsor	\$0
Request Building Inspection Service	(\$4,867)
Permits:	
Fire Protection Systems	(\$102,366)
Combustible Liquid Tanks	(\$10,712)
Fireworks Permits	(\$6,500)
Fire Commissioner Reports Remuneration and Fire Safety Plan Reviews	(\$20,611)
Fire Extinguisher Training & Programs	(\$1,770)
Sundry Revenue	(\$214,570)
Mutual Aid Recovery	\$0
Transfer from Stabilization Fund	(\$120,000)
Total	(\$481,397)

2014 Net Expenditures	\$35,378,257
2014 Population (as estimated by BC Stats)	233,734
Per Capita Cost	\$151.36



BURNABY FIRE CHIEF DOUG McDONALD

FIRE CHIEF'S MESSAGE

At the Burnaby Fire Department, our value to the community is measured by the service we can provide. We strongly believe in community involvement and with 7 fire stations located throughout the City, we have a presence in every neighbourhood.

The Fire Department is trying to keep pace with the growth throughout the City, providing its citizens and visitors with highly trained firefighters dedicated to ensuring the well-being of our citizens and the protection of their property.

As a second generation firefighter in the City of Burnaby, I am proud to represent such a great organization, and be part of a very proactive and progressive management team.

Since becoming Fire Chief in 2013, I am continually impressed on a daily basis with the compassion and resourcefulness of the men and women of our Department and their commitment to the residents, businesses and visitors of our City.

The Burnaby Firefighters Charitable Society continues to make an impact in our City by providing funding to over 50 charities and groups to help those less fortunate. As well, Burnaby Firefighters contributed over 10000 volunteer hours in the Community to assist these worthy causes.

In 2014, the Department continued with our dispatch system update in preparation for our planned 2015 upgrade, which will provide a more seamless transition of critical information from our dispatchers to our responding resources. This upgrade will greatly assist the Department from an information and safety perspective by creating a more efficient and effective delivery of emergency services to the community.

The Fire Prevention Division continues to deliver services related to fire prevention and fire safety education by inspecting and educating businesses regarding code requirements and compliance.

We assist businesses in reviewing their emergency preparedness plans, and participate and critique their "live fire drills" when requested. Additionally, our members offer portable fire extinguisher training to citizens as well as local businesses and civic groups.

Our Pre-Incident Plan program, developed in-house by our Fire Prevention and IT staff has proven to be to an industry leader and has set a standard that is being considered by many Lower Mainland Fire Departments. This program provides up to date and pertinent information to our crews while responding to an incident to enhance and assist the decision making process for our incident commanders.

Training has always been one of our top priorities and we believe we have one of the most progressive and comprehensive training programs not only in the Lower Mainland, but in all of B.C. and Canada.

The Training Division oversees all training within the Department and our members can be found participating daily in Fire Suppression strategy and tactics, Hazardous Materials, Technical Rescue, Structural Collapse, Urban Search and Rescue, Auto Extrication, First Responder and many other specialized training topics.

As the Burnaby Fire Department evolves to meet the changing needs of our community, I look forward to the great things we will accomplish together as we explore ways to provide a service which is more efficient, more adaptable and more responsive to these needs.

As public servants it is imperative that all fire service personnel hold themselves to the highest professional standard both on and off duty, and it is our commitment to you that we stand ready to assist you in your time of need day or night, with trust, respect, integrity, teamwork and professionalism.

I would like to thank Mayor and Council, City Staff, Burnaby R.C.M.P., Fire Department personnel and the Executive of Local 323, for their cooperation, support and assistance during the past year. In addition, I would like to thank the firefighters for their contributions to the community. You are recognized and held in high esteem by your peers and the citizens you serve. Your professionalism and dedication are what allows this Department to perform to such a high standard.

D.H. (Doug) McDonald
FIRE CHIEF



Burlington Avenue Fire
 Courtesy of a member of the public

DISTRIBUTION OF PERSONNEL

TOTAL COMPLEMENT -
 2014 DECEMBER 31 = 286

Administration Division	
Fire Chief	1
Deputy Fire Chief (Administration)	1
Deputy Fire Chief (Operations)	1
Deputy Fire Chief (Planning and Logistics)	1
Administrative Assistant	1
Administration Clerk	3
Data Entry Clerk	1

Operational Division	
Assistant Fire Chiefs	4
Fire Captains	42
Fire Lieutenants	29
Firefighters	188

Mechanical Division	
Senior Mechanic	1
Mechanics	2

Training Division	
Chief Training Officer	1
Assistant Chief Training Officer	1
Training Captain	1

Fire Prevention Division	
Chief Fire Prevention Officer	1
Fire Prevention Captain	3
Fire Inspectors	4



2014 City of Burnaby Long Service Awards Ceremony

2014 PROMOTIONS

Chris Bowcock	Deputy Fire Chief
Darcy O'Shea	Assistant Fire Chief
Bryan Kirk	Assistant Fire Chief
Karl Lackner	Chief Mechanic
Peter Hallam	Captain
Graham Lamont	Captain
Rodger Lynch	Captain
Derek Masaro	Captain
Dave Samson	Captain
Jeff Wilson	Captain – Fire Prevention
Dale Kristmanson	Lieutenant
Jamie Malanfart	Lieutenant
Craig Matsumura	Lieutenant
Terry McSween	Lieutenant
Todd Wynes	Lieutenant
William Dinsmore	Lieutenant
Rob Hourigan	Lieutenant

LONG SERVICE AWARDS

35 YEARS

Steve Howes
Scott Wren

25 YEARS

Scott Campbell
Larry Davidson
Steve Leslie
Brad Maars
Lance Preissler
Bob Rossignol
Mark Togno
Dave Younger

20 YEARS

Chris Bowcock
Ivan Koh
Dan Monk
Doug Petti
Dave Wensley

15 YEARS

Shane Budnick
Bruno Carino
Dave Edgecombe
Mark Lambert
Kevin Stapelmann
Chase Steen
John Wiesner

2014 RETIREMENTS

Darrell Smith (January 3, 1977 to March 31, 2014)
Mark Fletcher (July 10, 1978 to July 31, 2014)
Steve Howes (July 30 1979 to December 31, 2014)



2014 Recruit Class

2014 NEW HIRES

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|-----------------------|-------------------------|
| Jeff Buchanan | Kevin Kassa |
| John Clune | Kevin Olson |
| Jason Fletcher | Kevin Richardson |
| Evan Guindon | |



Recruit Training
Courtesy of Larry Wright -
Burnaby Now



FIRE STATIONS AND APPARATUS DEPLOYMENT

No. 1 Fire Station – 4867 Sperling Ave.

Engine 1	2006 Spartan/Smeal CAFS
Engine 21 (Reserve)	1995 Saulsbury Spartan
Engine 22 (Reserve)	1995 Saulsbury Spartan
Engine 25 (Reserve)	1992 Saulsbury Spartan
Ladder 4 (Reserve)	1995 Spartan LTI 100' Aerial
Rescue 1	2008 Spartan/SVI
Rescue 2	2008 Spartan/SVI
Emergency 2	1981 Anderson Chev 4 x 4
Command 1	1999 Freightliner FL60
Car 30	2012 Ford Explorer
Car 31	2009 Toyota Highlander Hybrid
Car 32	2009 Toyota Highlander Hybrid
Car 33	2009 Ford Flex
Car 34	2006 Ford F350 P/U 4 x 4
Car 35	2009 Ford Van
Car 37	2006 GMC Yukon ¾ Ton
Car 38	2013 Nissan NV3500 Van
Car 39	2001 Ford Van
15 ft. Boat Trailer	2008 Highliner
14 ft. Rigid Hull Inflatable	2008 Polaris



Eton Street Fire

Courtesy of bcfiretrucks.com

No. 2 Fire Station – 7578 Edmonds St.

Engine 2	2009 Spartan/Smeal
Ladder 2	2006 Spartan/Smeal 100' Platform
Hazmat 1	2003 ITB Ford Van
Hazmat Trailer	2003 Wells Cargo

No. 3 Fire Station – 6511 Marlborough Ave.

Engine 31	2009 Spartan/Smeal
Engine 32	2000 Spartan/Smeal
Ladder 3	2014 Spartan/Smeal 100' Platform
Car 40	1991 Chev Van

No. 4 Fire Station – 2326 Duthie Ave.

Engine 4	2006 Spartan/Smeal CAFS
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No. 5 Fire Station – 4211 Hastings St.

Engine 5	2010 Spartan/Smeal
Ladder 5	2000 Spartan LTI 100' Aerial
Car 36	2002 Ford E250 Cargo Van
Technical Rescue Trailer	2003 Wells Cargo
Emergency 1	2003 Hub ford 4x4
Equipment Trailer	2003 Wells Cargo

No. 6 Fire Station – 3620 Brighton Ave.

Engine 6	2010 Spartan/Smeal
Ladder 6	2006 Spartan/Smeal 100' Platform

No. 7 Fire Station – 3151 Gilmore Diversion

Engine 7	2008 Spartan/Smeal
Engine 24 (Reserve)	1992 Saulsbury Spartan
Flat Bed Trailer	2005 Double A 20 ft.
All Terrain Vehicle	2005 Polaris Ranger 6x6
Foam Dispensing Trailer	2005 Jetstream Multi-tasker



18th Street Fire
Courtesy of bcfiretrucks.com

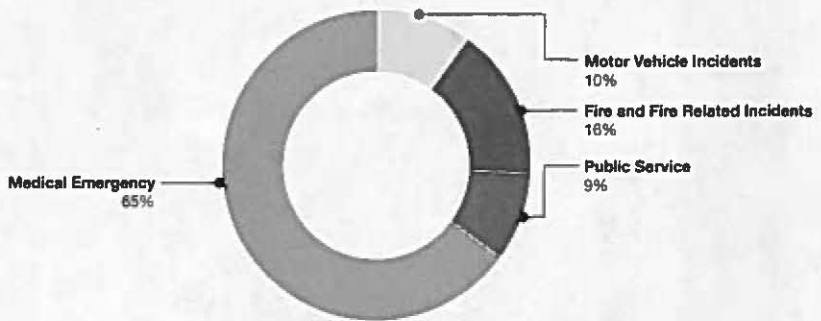


Burlington Avenue Fire
Courtesy of a member of the public



2014 TYPE OF INCIDENT RESPONSES

Building Fire	251
Vehicle Fire	48
Accidental Alarm	849
False Alarm	262
Other Fires (Rubbish, Bush, Grass, etc.)	682
Public Service	1,133
Motor Vehicle Incidents	1,294
Medical Emergencies	8,368
Total	12,887



ALARM RESPONSE COMPARISON 2012-2014

	2012	2013	2014
Fire	3,129	3,192	2,092
Public Service	977	1,027	1,133
Medical Emergency	7,373	8,296	8,368
Motor Vehicle Incidents	1,312	1,490	1,294
Total	12,791	14,005	12,887

Eton Street Fire
Courtesy of bcfiretrucks.com



Burnaby Vehicle Fire
Courtesy of bcfiretrucks.com



2014 SHIFT STAFF TRAINING HOURS

ADMINISTRATIVE

Chief Training Officer	2,080
Asst Chief Training Officer	2,080
Training Officer	2,080
Total	6,240

SCHEDULED TRAINING

364 days x 3 hrs x 26 ff	28,392
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SPECIALTY TRAINING

HazMat	560
Technical Rescue	560
Total	1,120

DRIVER TRAINING	3,985
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RECRUIT TRAINING	3,240
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FIRE OFFICER I	0
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FIRE OFFICER II	1,320
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INSTRUCTOR DEVELOPMENT

FDIC	80
BCTOFA	0
Driver Trainers	240
Total	720

TOTAL	45,017
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Recruit Hazmat Training



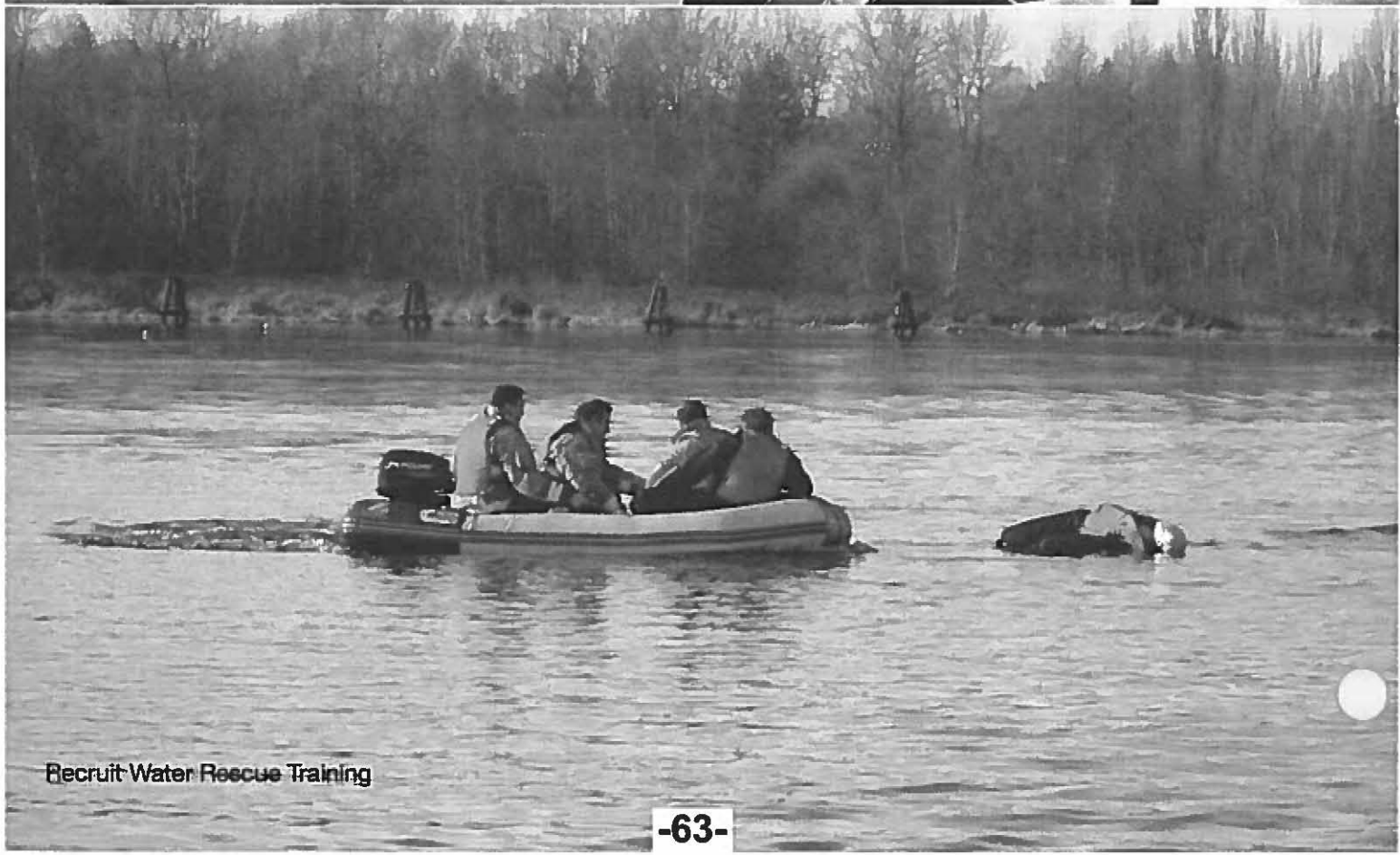
Recruit Training



Live Fire Training
Courtesy of Larry Wright – Burnaby Now



Recruit Civilian
Rescue Training
Courtesy of Larry Wright –
Burnaby Now



Recruit Water Rescue Training

2014 FIRE PREVENTION DIVISION SUMMARY OF ACTIVITIES

FIRE INSPECTIONS

Building Progress	190
Business License	1101
Company Referrals	102
Complaints/Fire Hazards	117
Daycare	49
Final Occupancy Inspection	12
Fire Alarm System / Upgrades	1
Lock Box	327
Maintenance/Miscellaneous	304
On Site Request	76
Routine inspections	590
Sprinkler Licence	264
TOTAL	3,133

PLAN CHECKING / OTHER

Plan Check Sheet - New Construction	37
Plan Check Sheet - Tenant Improvement	322
Plan Check Sheet - Sprinkler	109
Preliminary Plan Approvals	236
Rezoning	15
New Construction & Fire Truck Access Plans	35
Fire Safety Plans	164
Public Education	21
Fire Investigation & Fire Reporting	79
TOTAL	1,018

PERMITS ISSUES

Permits (Fireworks/Burning/Storage Tank)	165
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Station Tour



Fire Prevention Week Pedal Truck Winner

Fire Chief for the Day



Plan Checking

Augusta Avenue Fire
Courtesy of the internet





Eton Street Fire
 Courtesy of bcfiretrucks.com



Eton Street Fire
 Courtesy of bcfiretrucks.com

2014 MAJOR FIRES

DATE	PROPERTY CLASS	\$ VALUE AT RISK	\$ FIRE LOSS
2014/06/21	Residential	1,300,000.00	1,100,000.00
2014/06/22	Residential	800,000.00	270,000.00
2014/07/24	Outbuilding	210,000.00	210,000.00
2014/08/22	Residential	676,000.00	600,000.00
2014/10/08	Food Processing	2,100,000.00	300,000.00
2014/11/08	Warehouse	20,881,000.00	150,000.00
2014/11/20	Automobiles	122,000.00	122,000.00
2014/12/07	Residential	904,000.00	500,000.00
2014/12/29	Apartment/Townhouse	560,000.00	350,000.00

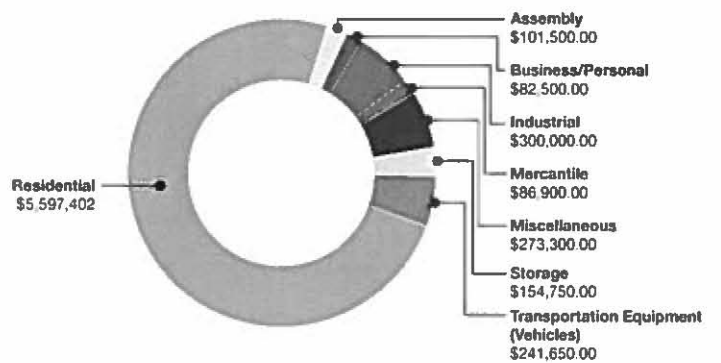
Globe Foundry Aftermath
 Courtesy of Jason Lang – Burnaby Now



Willard Street Fire
 Courtesy of the internet

2014 FIRE LOSS BY CLASSIFICATION

CLASS	\$ VALUE AT RISK	\$ FIRE LOSS
Assembly	20,567,660.00	101,500.00
Business/Personal	7,050,000.00	82,500.00
Industrial	12,110,000.00	300,000.00
Mercantile	933,381,500.00	86,900.00
Miscellaneous	352,000.00	273,300.00
Residential	135,449,450.00	3,581,300.00
Storage	23,533,000.00	154,750.00
Transportation		
Equipment (Vehicles)	1,227,600.00	241,650.00
TOTAL	1,133,671,210.00	4,821,900.00





Fill the Boot Drive

Courtesy of Jennifer Gauthier
- Burnaby Now

BURNABY FIREFIGHTERS' CHARITABLE SOCIETY

The Burnaby Firefighters Charitable Society donated to 50 separate charities, societies and associations. Cheques were written to these charities ranging from \$100 to \$42,200 and the yearly total was close to \$225,000.

Firefighters delivered nutritional snacks totalling \$65,000 to 25 elementary schools and 4 community centres in Burnaby. The 3rd Annual Christmas Angel Breakfast and Toy Drive was supported by close to 200 firefighters who raised more than \$30,000 in cash and toys for the Christmas Bureau. In 2014, the Burnaby Firefighters Charitable Society comprised of 281 members volunteered over 10,000 hours at 96 events in and around our City.

The Charitable Society continues to play the largest role in our firefighters' off duty activities. The firefighters know that protecting a community is about more than handling emergencies, it is about helping people in our community every day, people who have to deal with health problems, disabilities, poverty, abuse, hunger and so many other issues. Our firefighters know they can make a difference!



TOP:
Camp Ignite
Courtesy of Lisa King – Burnaby Now

MIDDLE LEFT:
Firefighter Rutledge at Fill the Boot Drive

MIDDLE RIGHT:
Firefighter Clune at the Fill the Boot Drive
Courtesy of Jennifer Gauthier – Burnaby Now

BOTTOM:
Firefighter Roy at Camp Ignite
Courtesy of Burnaby Now's Website

