

WORK MEETING

**AGENDA
AND
STAFF MEMO**

HEBER CITY CORPORATION
75 North Main Street
Heber City, Utah
City Council Meeting
June 19, 2014

Work Meeting
6:00 p.m.

DISCUSSION ITEMS

Item A - Ernie Giles and Clair Provost, Wasatch County Fire District, Report on Wasatch County Fire and Emergency Medical Services (25 minutes)

Item B – Discuss Heber Light and Power and Wasatch County Land Exchange (25 minutes)

Item C – Discuss Amending Section 3.14.060 of the Heber City Municipal Code, Awarding of Bids and RFPs (10 minutes)

Item D – Schedule Hearing Date for Smoke Station 2 Appeal of Business License Revocation

OTHER ITEMS AS NECESSARY

Ordinance 2006-05 allows Heber City Council Members to participate in meetings via telecommunications media.

In accordance with the Americans with Disabilities Act, those needing special accommodations during this meeting or who are non-English speaking should contact Michelle Kellogg at the Heber City Offices (435) 654-0757 at least eight hours prior to the meeting.

Posted on June 12, 2014, in the Heber City Municipal Building located at 75 North Main, Wasatch County Building, Wasatch County Community Development Building, Wasatch County Library, on the Heber City Website at www.ci.heber.ut.us, and on the Utah Public Notice Website at <http://pmn.utah.gov>. Notice provided to the Wasatch Wave on June 12, 2014.

Memo

To: Mayor and City Council
From: Mark K. Anderson
Date: 06/12/2014
Re: City Council Agenda Items

WORK MEETING

Item A - Ernie Giles and Clair Provost, Wasatch County Fire District, Report on Wasatch County Fire and Emergency Medical Services (25 minutes): Enclosed are three separate PowerPoint presentations that will be made by Ernie Giles and Clair Provost. They will share information on County EMS, Fire Protection and Fire Marshall services.

Item B – Discuss Heber Light and Power and Wasatch County Land Exchange (25 minutes): **Item B – Discuss Heber Light and Power and Wasatch County Land Exchange (25 minutes):** The Council is aware that Heber Light & Power and Wasatch County are looking to exchange properties near the HL&P Operations Center and Wasatch County Event Center. As I understand the matter, the County would exchange Cowboy Village for a parcel owned by HL&P which is west of the current operations center. This would allow HL&P to locate their new substation on the Cowboy Village parcel and Wasatch County to obtain ownership of property currently owned by HL&P that they are now using in conjunction with event center parking.

The plan would be to re-establish a place for trailers/campers to hook up to water, sewer and electrical services nearer to the event center/horse barn. Because of the need/desire to abandon Cowboy Village and its associated improvements, the County has asked whether the City would require the payment of any impact fees to develop similar facilities on property they own near the event center. In discussing this matter with Jody Burnett, Bart Mumford and Mark Smedley, staff would recommend the following:

- That the City allow the relocation of the utilities without imposition of an impact fee.
- That the County be required to limit the spaces to 256 as provided in the agreement that was entered into by the City and County in the year 2000.
- That the County develop one or more sewer dumping stations on the site and limit the number of sewer connections and thus limit the maximum (peak) impact the City would receive at any one time. We believe this could create a significant savings for

the County as existing sewer services may not be in close proximity, while mitigating to a great degree the measurable impact to the City system.

- Imposition of any impact fees would likely inhibit the exchange and HL&P would move forward with the development of their property which is currently in use by the County.

Staff makes this recommendation based on the substantive time that has lapsed since the infrastructure was initially installed and on the fact that the majority if not all of the impact has already been absorbed by our utility systems and there is no proposed expansion of the number of trailer/camper spaces. We also believe that the current separation of Cowboy Village from the horse barn makes the current location less appealing to those attending events as evidenced by the number (73 trailers) who utilized Cowboy Village during the last High School Rodeo finals.

Item C – Discuss Amending Section 3.14.060 of the Heber City Municipal Code,

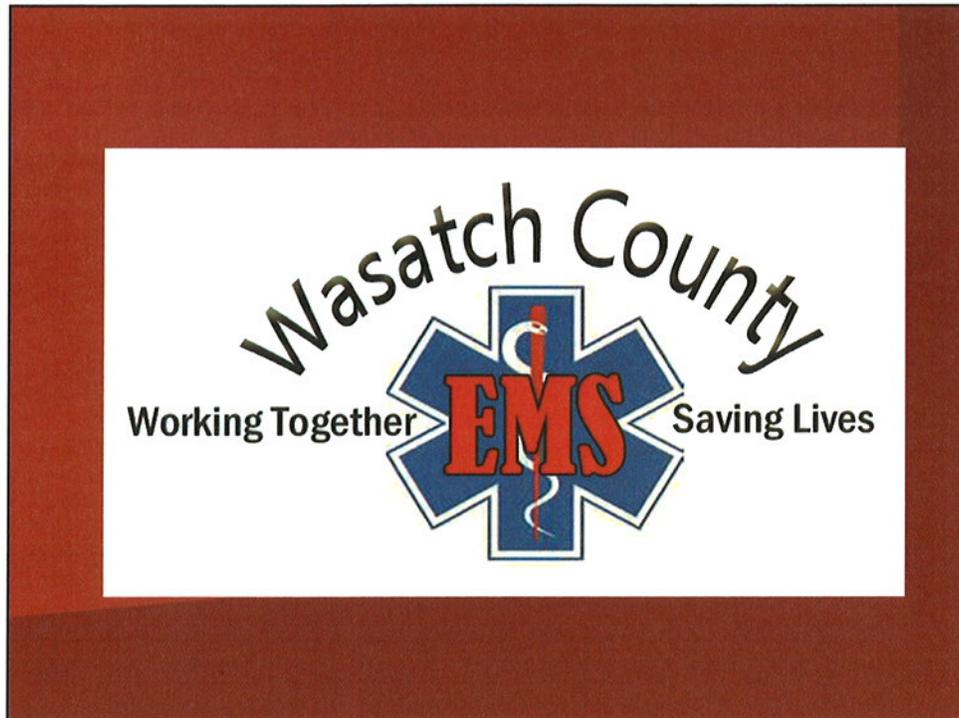
Awarding of Bids and RFPs (10 minutes): In discussing the purchasing policy with Bart Mumford, he has expressed concern with the limitations the purchasing policy has on change orders. As a result, he has drafted a proposed amendment for Council consideration. The policy change would allow for multiple change orders up to 10% of the project or up to \$10,000 provided the original bid and the total of all change orders did not exceed the project budget.

Item D – Schedule Hearing Date for Smoke Station 2 Appeal of Business License

Revocation: The City has received notice that the owner of Smoke Station 2, LLC is requesting a hearing to appeal the proposed revocation of their business license to the City Council. (See enclosed) Mark Smedley is working with the other attorney to determine when the hearing can be held based on preparation time that is needed by both parties. I expect to present some proposed dates for the hearing at the meeting.

DISCUSSION/ ACTION ITEMS

TAB A



OVERVIEW

As our community continues to grow and the increased demand for service in the County, we are at a point where we have had to do something to continue to provide the excellent service that we have and always will deliver.

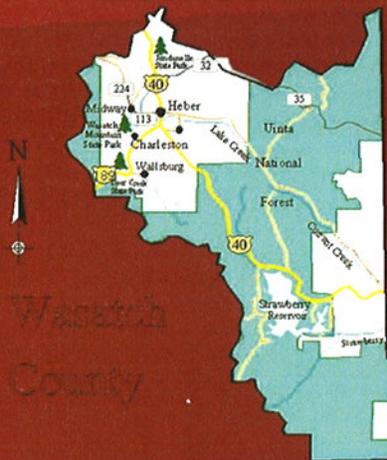
It has necessitated some changes. Growth, traffic and recreation continues to grow at a rapid rate. Demand on EMS in Wasatch County has grown to the point that it has over run our ability to conduct business as we have in the past. We are asking way more of our part time people than they are able to give as they try to work this in with their full time jobs, families and other community obligations.

We have had to restructure, and as part of that, we have partnered with Wasatch County Fire District and drawn from seasoned resources that we already have here in the community to help us as we are experiencing these growing pains.

The Position of EMS Director has been a part time position in Wasatch County. Unable to keep up with the work load, demand and increased call volumes the County has made this position full time. One of the things that the EMS Director is able to do is help respond to calls, helping to lighten the load on our part time help.

We have been able to do this in a way that has not added a lot of cost. As we look to the future we will need to continue to grow with our community and its emergency needs.

Wasatch County



- Wasatch County EMS serves 7 cities as well as all unincorporated areas
 - Heber City
 - Midway City
 - Charleston Town
 - Daniel Town
 - Independence
 - Hideout Town
 - Wallsburg
 - Unincorporated Areas
 - Strawberry Valley
 - Timber Lakes
 - Heber Valley Camp
 - Brighton Estates

Wasatch EMS covers 1,175.501 square miles

- This vast area includes;
 - 3 major reservoirs (boating, fishing and swimming)
 - 2 National Forests (Hunting, snowmobiling, atvs, dirt bikes, pedal bikes, hikers, campers etc....)
 - 6 major golf courses
 - 100 miles of state highway (Highway 40-50 Miles, SR 189-15 Miles, SR 113-7 Miles SR 32-9 Miles SR 248-6 Miles & SR 224-11 Miles)
 - MAJOR influxes of tourists during Swiss Days, hunting season, air shows, JR High/High School/Professional rodeos, Ragnar Relay, Dirty Dash, Soldier Hollow Classic, Tumbling Matches, Wrestling Tournaments etc.... These add to call volume and demand on EMTs and Employers as well as families
 - Many weekends require as many as 30 EMS personnel to be staffed at large events, covering calls throughout the county in addition to back up calls

Wasatch County EMS responds to ALL medical and trauma calls throughout the county

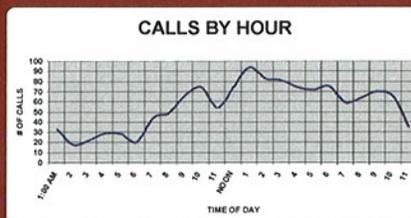
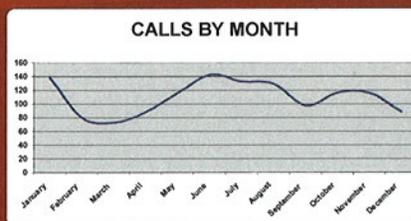
■ These calls range from full cardiac arrest, medical assists, ATV/snowmobile, back country accident/rescue, vehicle accidents, domestic abuse, suicides, drugs, alcohol, gun shots, children, elderly fall victims, ALS Medical transports from Heber Valley Medical Center to any hospital in the Wasatch Front



- Wasatch EMS currently staffs three ambulances 24 hours a day 365 days a year.
 - Heber, Wallsburg and Jordanelle.
- In the event of an 2nd, 3rd or even 4th emergency call, additional ambulances are staffed by back up EMTs.
- Wasatch EMS currently has 7 ambulances at its disposal to cover the county and events
 - Heber-3, Midway-1, Wallsburg-1, Timber Lakes-1 and Jordanelle-1
- Many technical calls require additional EMTs which respond without being on call.

CALL VOLUME

- 2013- **1,315** CALLS
 - 3.6 Per Day
 - January 4.5
 - June-4.8
 - July-4.3
 - August-4.2
- Average **1,235** Calls per year since 2007
 - 3.4 per day
- The Majority of the 3.6 calls per day come at the average time of 1 PM to 7 PM, interfering with work and family.



Wasatch County EMTs

■ WASATCH EMTs STRIVE TO DELIVER "FULL TIME" PROFESSIONAL SERVICE AS A "PART TIME" STAFF

- Wasatch EMS currently operates with 35 EMTs
- ALL employees are PART TIME, each EMT is required to cover a minimum of 72 hours per month with many covering additional shifts as well as filling back up calls and numerous events throughout the year.
- Wasatch County EMS runs as an Intermediate Advanced EMT Level with Advanced EMT and several paramedic trained personnel.
- EMTs are equipped with personal "jump kits" and radios that enable them to respond to an emergency near them and render aid prior to arrival of ambulance, delivering vital aid.

TRAINING HOURS

EMT Basic-140 Hours (98 yearly CME)
 Advanced EMT-108 Hours (108 Yearly CME)
 Intermediate Advanced EMT- 400-600 Hours (108 yearly CME)
 Paramedic-600 Hours (144 yearly CME)

*must complete Basic course prior to advancing step by step.

- As well as 4 hours monthly in house training
- EMTs participate in many community outreach programs
 - Mock disaster to show high school students the dangers of texting/impaired driving
 - Safe Kids Fire
 - Safety Fair
 - Emergency Preparedness Fair
 - First Aid Classes
 - CPR Courses
 - EMT Basic Courses

Wasatch EMS also partakes in additional training every year-

Advanced Cardiac Life Support, Pediatric Education for Pre-Hospital Providers, Pediatric Advanced Life Support, Specialized training with AirMed/Lifeflight etc...

"PART TIME"

- Despite being "part time"

ALL CALLS MUST BE RESPONDED TO NO
 MATTER WHAT TIME, DAY OR NIGHT,
 HOLIDAY OR WEEKEND, BIRTHDAY OR
 ANNIVERSARY

ALL EMTs CARRY A PAGER AND RESPOND
 FROM WORK, HOME OR WHEREVER THEY
 MAY BE TO ASSIST THOSE IN NEED.

Full Time Response of Part Time Agency

- 8:52 PM-Wasatch County Dispatch paged for a 60 year old male that had collapsed and was not breathing and had no pulse.
- 8:53 EMTs that live near to victim respond within ONE MINUTE of page and initiate CPR, performing chest compressions and breathing for patient with personal "jump kits"
- 8:54-EMTs not on call but near the EMS garage respond and retrieve ambulance and respond to scene
- 8:54-Amubulance arrives on scene, CPR has already been initiated, arriving EMTs begin advanced life support measures (IV Access, cardiac medications administered, cardiac monitor attached and shocks administered)
- 9:06 Patient into ambulance and en route to Heber Valley Medical Center (HVMC). While en route patients cardiac rhythm changes multiple times and he begins breathing.
- 9:10-Pt arrived at HVMC, chest compressions continues and EMTs assisted HVMC staff.
- Pt Flown to hospital with higher level of care and made a FULL RECOVERY AND HAD DEFIBRILLATOR PLACED
- Receiving Doctor at hospital stated that "without the quick response of off duty EMTs the turnout for the patient would have been drastically different"

Increased Demand and the Short Term Solution

- Due to the increase in calls over the years, Wasatch EMS has combined efforts with the Wasatch County Fire District to alleviate the demand on volunteers/employers as well as provide faster response to "time sensitive" emergencies such as cardiac arrest, traumatic car accidents, bleeding/breathing issues.
- Wasatch County Fire Currently staffs the Heber ambulance with three Firefighter/EMTs **Monday through Thursday 6 a.m. till 6 p.m.** Reducing the amount of time EMTs are asked to leave work daily. Reducing the strain on EMTs AND their **employers.**
- This has reduced **144 hours per week** Wasatch County EMS must cover during the "work hours"
- This has also provided a "full time" response without adding full time personnel.
- Having personnel at the station reduces response time by 4-6 minutes. **SECONDS MATTER**
- Average response time from initial "page" till arrival on scene in 2013 was 8 to 12 minutes
- Eliminating 4-6 minutes of travel time from work/home through traffic to garage allows EMTs to be on scene in 4 to 6 minutes or less.

VOLUNTEERS

Wasatch EMS depends greatly on its Part Time EMTs, they render a service that rivals that of a Full Time Fire/EMS Department. They are an extremely cost efficient at the service they provide. As the population grows throughout the County, steps need to be taken to maintain and increase the level of care our families and visitors receive in a time of emergency.

INCREASED POPULATION=INCREASED CALLS AND DIFFICULT TIMLEY RESPONSE

Team Effort

Assisting Agencies

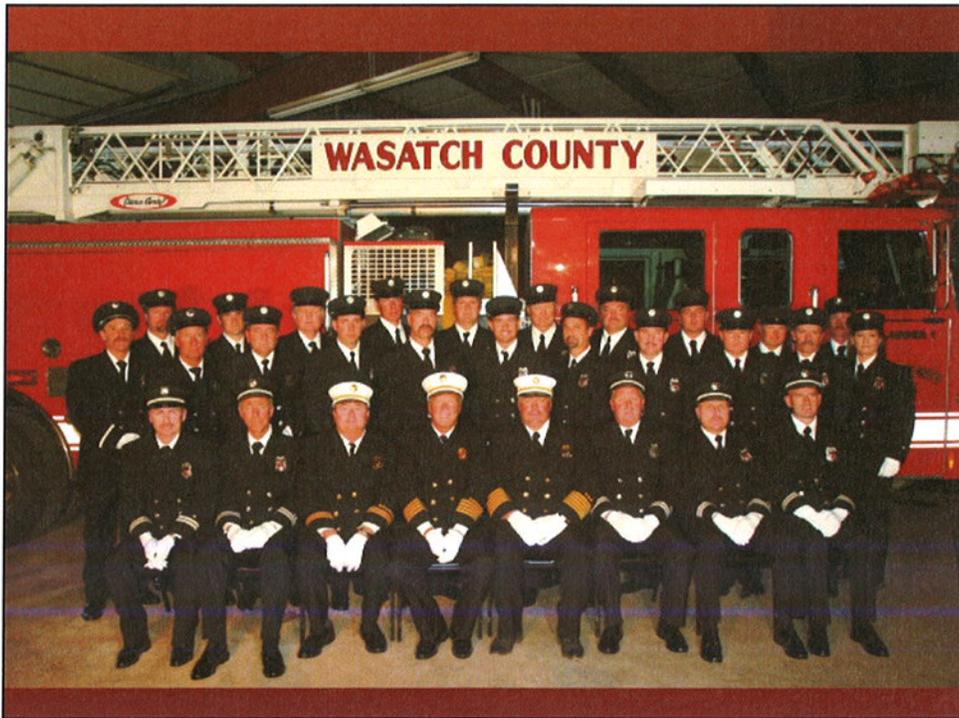
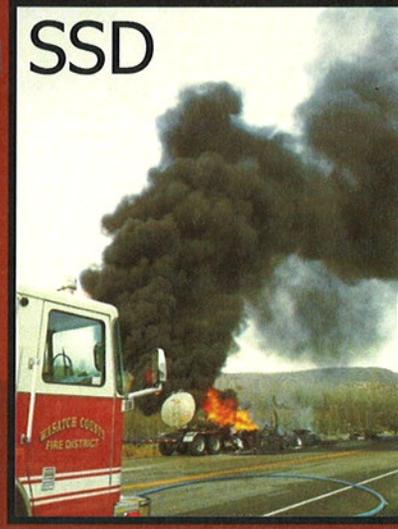
- **County and Municipal leaders**
 - Provide support for Wasatch EMS to be that allows us to provide unparalleled patient care and addressing future needs.
- **Wasatch County Dispatch**
 - Possibly the most difficult job. Dispatchers must calm the caller in order to obtain vital information for responding personnel as well as talk the caller through basic skills to people with no training. Dispatchers frequently must multi task numerous calls at once.
- **Wasatch County Sherriff Deputies**
- **Heber City Police Officers**
 - Law Enforcement respond to every call and assist in any way needed. Wasatch EMS also provides law enforcement with AEDs.
- **Wasatch County Search & Rescue**
 - Provides back country transport of injured persons and EMTs to injured parties as well as providing basic first responder care
- **Wasatch County Fire**
 - Provides Extrication of patients involved in vehicle accidents on the miles of highway and back roads of Wasatch County. Numerous Fire Personnel also run on the ambulance wearing multiple hats and able to assist where needed.
- **Heber Valley Medical Center**
 - Wasatch EMS works AND trains closely with the nurses and doctors to provide the most efficient patient care possible.
- **County/City Public Works**
 - Provides heavy machinery for accident as well as road maintenance.
- **Wasatch County Health Department**
 - Aides in safety fairs and preventative measures
- **Heber C.E.R.T and Medical Reserve Corps**
 - Provide additional man power in the event of a mass disaster
- **Utah Highway Patrol**
 - Assist in any accident on state highways and other medicals as needed throughout the county.
- **Utah Department of Transportation**
 - Provide road cleaning as well as maintain roads as a preventative measure, reducing accidents
- **State Parks (DNR)/Forest Service**
 - Assist with backcountry rescue and locations of victim with Search & Rescue

Medical Director

Dr. Kris Kemp, MD

- Dr. Kemp provides medical direction for Wasatch EMS. Dr. Kemp attends training with the EMTs of Wasatch EMS and allows for numerous variances from the Utah State Bureau of EMS. This allows Wasatch EMS to provide superior patient care above and beyond what is adopted by the State Of Utah.
- Dr. Kemp is Chair of State EMS committee which is appointed by the Governor.
- Oversees Heber Valley Medical Center
- Oversees Park City Medical Center
- Previously worked at Uintah Basin Medical Center
- Medical Director for Respiratory Therapy for Heber Valley Medical Center
- Medical Director for Respiratory Therapy for Park City Medical Center
- Medical Director of Utah Society of Respiratory Care which oversees teaching/certification of all respiratory therapists in Utah
- Medical Director One Fitness which provides weight loss programs for people nationwide.
- Medical Director Timber Lakes First Responders and Heber Valley Camp Missionaries.
- FACEP- "Fellow of the American College of Emergency Physicians"

Wasatch County Fire Protection SSD



Wasatch County Fire Personnel

Wasatch County Fire District Staff

- 1 Full Time Fire Chief- Oversees all Fire District activities
 - 1 Full Time Fire Marshal-Oversees all Fire Code enforcement/business and sprinkler inspections
 - 1 Full Time Fire Warden-Oversees all Wildland fire prevention and suppression
 - 9 Full Time Firefighters-Currently staff Jordanelle 24/7 and Heber Ambulance Monday-Thursday 6am-6pm
 - 1 Part Time Administrative Assistant-provides office and clerical work as well as adding additional man power
 - 1 Part Time Assistant Chief-Assists the Fire Chief in District activities
 - 32 Additional Firefighters-On call staffing of fire apparatus throughout Wasatch County, respond from work or home.
 - Heber City-27 Wallsburg-9 Hideout/Jordanelle Basin -3 24hrs/365
 - Midway/Charleston-5 Daniel-1 Independence-3
- These Firefighters respond from home and work to the fire station to retrieve fire apparatus and deploy to fire scene

Volume 1 Bulletin 6 July - 1987

"Smoke Signals"

from the HEBER VALLEY FIRE DEPARTMENT

Chief
Jerry Davis

Asst. Chief
Robert Morris

Captain
Wayne Montgomery
Bill Barrett

Secretary
Clyde Montgomery

Members
Richard Bonner
Drent Davis

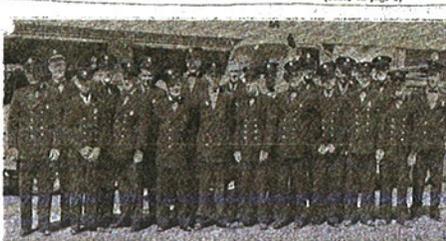
JUSTIFYING OUR BEING

With the ever increasing burden being placed on the tax dollar, it is becoming more difficult to provide many of the services that we as citizens have become accustomed to. Usually it is in the service areas, that public administrators start to scrutinize for ways or means to make cuts, in an effort to relieve some of the tax pressures.

One service that we can never allow to be jeopardized is fire protection. Each fireman and administrator has a heavy responsibility to do what ever is necessary to provide the smallest type of protection and service as has been rendered in the past.

For several years, the department has been documenting all the fire calls, meetings, civic activities, training sessions, etc., combined with the number of men in attendance, the hour spent, total man hours and the value of property lost and property saved. By this

(Cont. on page 2)



Heber Valley Volunteer Firemen

Front Row: L to R. - Arvid McAllen, Arvid D. Bays, Neal Giles, Bill Trencher, Don Smith, Earl Smith, Neil Thomas, Roland Ouths, Forrest Dwyler, Oren Bond, Glen Jones. Back Row - Frank Merly, Chet Douglas Smith, Ray Wright, Harvey Benson, Yert Wright, Milton Borch, Neal Montgomery, Agnes McLaughlin, Dick Jensen

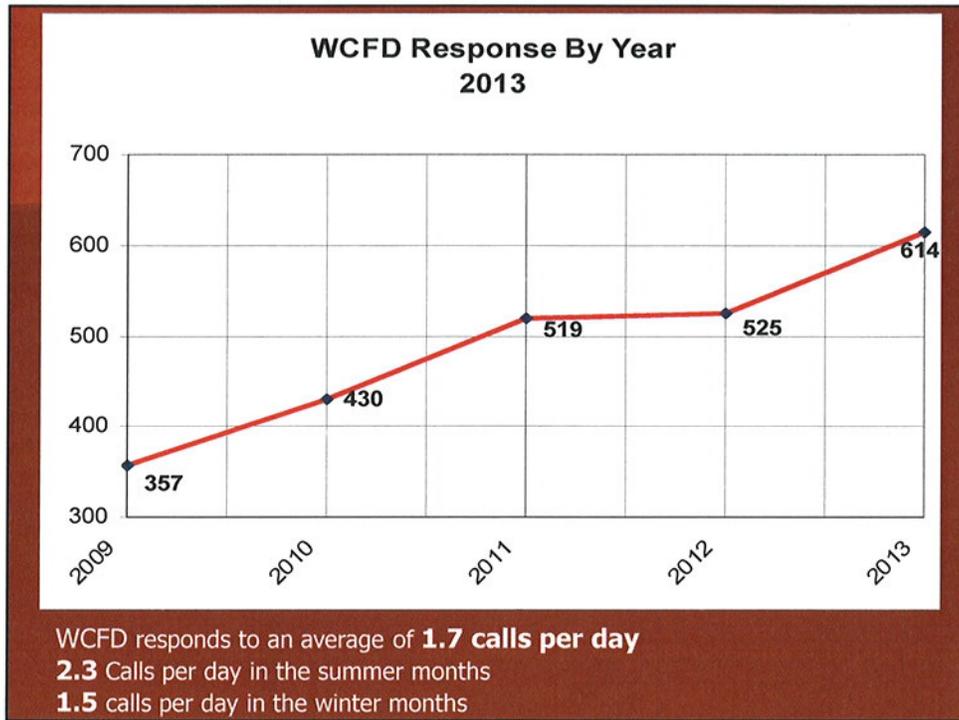
HEBER VALLEY FIRE DEPT. 1987 ANNUAL REPORT

Location of Fires	# Responses	Percent	Causes of Fires	No.
Heber City.....	26	26.86	Faulty Chimneys.....	8
Wasatch County (Unincorporated Areas).....	27	28.06	Flammable Liquids.....	6
Midway City.....	19	19.66	Uncontrolled Burning.....	39
Charleston Town.....	3	3.06	Cigarettes.....	2
Wallsburg Town.....	2	2.06	Satellite.....	4
Total.....	77	100.06	Investigate, False Alarm.....	4
			Wash Down.....	13
			Flammable Material near source of Heat.....	2
			Kids Matches.....	6
			Suspicious.....	3
			Stand By.....	2
			Spurt from Water.....	2
			Fireworks.....	2
			Electrical.....	4
			Total.....	97

Area of Fire Origin	Number
Structures.....	76
Hay Stacks.....	1
Vehicles.....	0
Utility Poles.....	1
Open Fields, Vacant Lots.....	14
Smolder Hazardous Material (Propane Tank).....	1
Wash Down, Investigate, P.A., Smoke Seares.....	18
Total.....	97

Property Lost - Property Saved	
Property Losses (Estimated).....1987	1987
\$678,950.00.....	\$135,950.00
Decrease of 79% over previous year.	
Property Saved (Estimated).....1987	1987
\$1,725,100.00.....	\$1,312,000.00
Decrease of 23% over previous year.	

Fire Responses for 1986.....	Fire Responses for 1987.....
62 Calls	97 Calls
	Increase of 56% Largest ever reported.



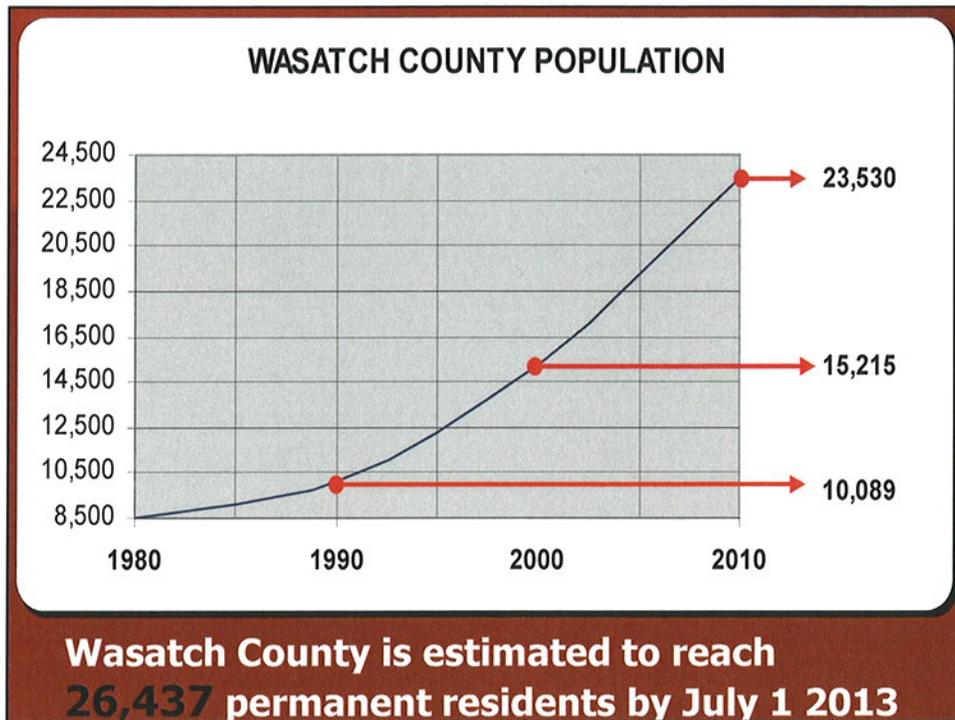
WCFD Certification Hours

- Fire 1.....116
- Fire 2.....48
- Hazmat Awareness.....9
- Hazmat Operations.....38
- Wild land Fire 1.....40
- Extrication.....72
- EMT Basic.....120
- TOTAL HOURS.....443

■ These hours are **minimum** requirements to apply for a position at WCFD, many firefighters receive training in addition to the required minimum as well as **COUNTINUING EDUCATION**

- Additional Training
 - Apparatus Driver/Operator
 - Fire Officer 1
 - Fire Inspector 1
 - Fire Inspector 2
 - Hazardous Material Technician
 - Advanced EMT
 - Intermediate Advanced EMT
 - Engine Boss
 - Crew Boss
- WCFD hold in house training twice monthly to train and practice skills needed to function rapidly in an emergency.



Current Status

Wasatch County Fire District has not asked for a tax increase since the District was formed in 1988, 26 years ago

WCFD strives to deliver the highest level of service as possible without burdening the residents of Wasatch County

The last apparatus WCFD was able to purchase was in **2007** and the oldest was purchased in **1971**.

The current average age of front line fire apparatus in Wasatch County is **1991**.

WCFD averaged a 17% increase in call volume every year since 2009.

Call Volume **519** calls in 2011, **525** in 2012 and **614** in **2013**. This is the number of calls not the number of apparatus or personnel responding to each call.

Tractor Trailers Hazardous Material travels through Wasatch **every 90 seconds**

There are currently over 12,655 structures in Wasatch County with 290 that are 3 stories or higher, which out reaches the current aerial apparatus of the District.

WCFD provides coverage to 1,175 square miles. This includes seven communities-Heber, Midway, Charleston, Daniel, Wallsburg, Independence, Hideout and the remainder of the county stretching to Soldier Summit on the South, Wolf Creek Pass on the North, Sundance on the West and Current Creek on the East.

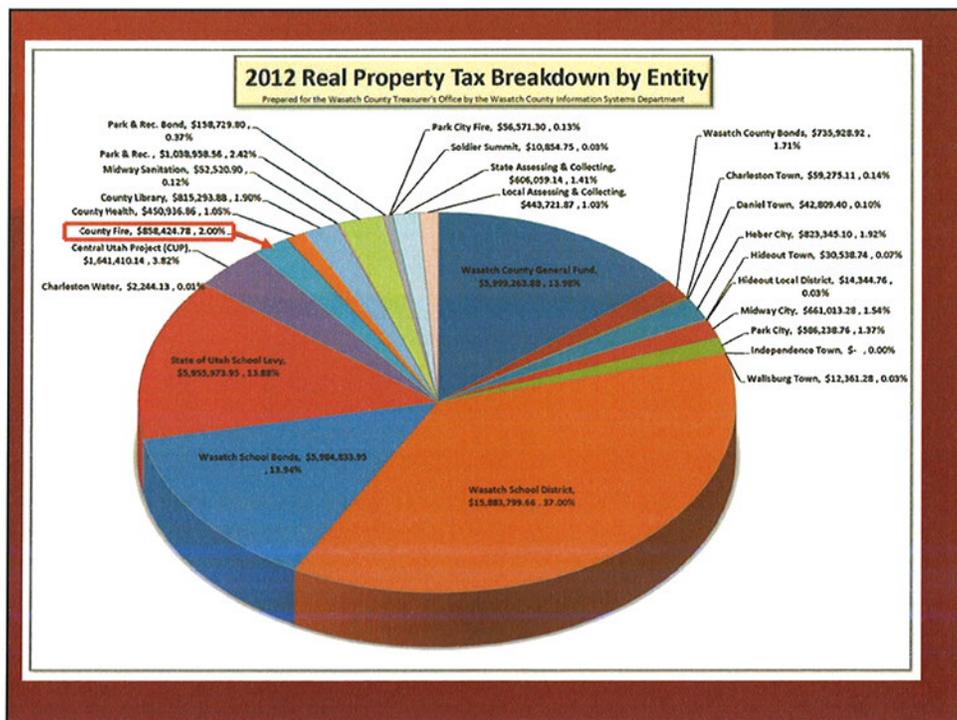
What Will the Tax Increase Cost Me Per Year?

Home Value	Current	Proposed	Difference
\$100,000.00	13.42	23.49	10.07
\$200,000.00	26.84	46.97	20.13
\$300,000.00	39.60	70.46	30.86
\$400,000.00	53.68	93.94	40.26
\$500,000.00	67.10	117.43	50.33

The increase would cost a primary residence about \$6.71 per \$50,000.00 of value per year.

Primary residences are taxed at a lower rate than secondary homes or commercial businesses.

Your TAXABLE value can be found on your property tax notice.



HEBER STATION



Current Apparatus

- 1992 F-350 Fast Attack
- 1996 F-350 Fast Attack
- 2001 F-550 Fast Attack
- 1982 Am General Water Tender
- 1987 FMC Pumper
- 2007 Seagrave Pumper
- 1999 Pierce 75' Aerial

IMMEDIATE NEEDS-

Remodel.....\$1,600,000

Ladder Truck..\$600,000

Total Estimated Basic NEEDS

\$2,200,000

MIDWAY STATION



Current Apparatus

- 1992 F-150 Fast Attack
- 1981 Pierce Pumper

IMMEDIATE NEEDS-

New station.....\$500,000

Ladder Truck.....\$400,000

Class A Pumper..\$350,000

TOTAL

APPROXIMATE COST

\$1,250,000

JORDANELLE STATION



Current Apparatus

2011 F-550 Fast Attack
2010 F-450 Ambulance
2001 Pierce Wildland/Pumper
1980 75' Aerial (no pumping capability)

IMMEDIATE NEEDS-

Ladder Truck..\$600,000

WALLSBURG STATION



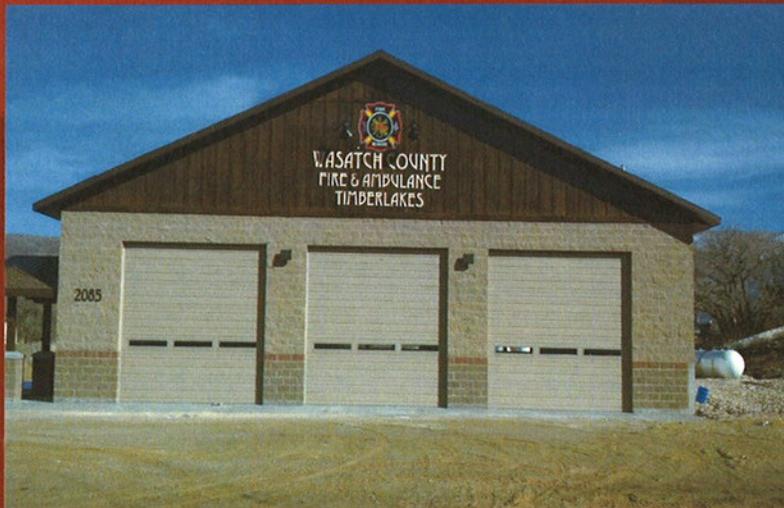
Current Apparatus

1999 F-550 Fast Attack
1974 American LaFrance

IMMEDIATE NEED

Pumper Truck..\$400,000

TIMBERLAKES STATION



IMMEDIATE NEEDS

Fast Attack Truck..\$200,000
 Pumper.....\$600,000

TOTAL APPROXIMATE COST

\$800,000

Russ McDonald Airfield

- WCFD is responsible for firefighting/rescue at Heber City Municipal Airport.
- Russ McDonald Airfield serves Wasatch and Summit Counties
- The Airport has experienced increased flights of ever growing size and passenger capacity.
- WCFD has **VERY** limited Aircraft Rescue Fire Fighting (ARFF) capabilities/training.
- ARFF apparatus can cost well over \$1,000,000 dollars
- Larger Aircraft can transport as many as 19 passengers as well as 6,000+ gallons of fuel



TOTAL COST OF NEEDED IMPROVEMENTS

- Heber Station.....\$2,200,000
- Midway Station.....\$1,250,000
- Jordanelle Station....\$600,000
- Wallsburg Station.....\$400,000
- Timberlakes Station..\$800,000

- TOTAL COST \$5,250,000

Using the Resources We Have

- The District has received grants exceeding \$750,000.00 in the last 10 years to purchase apparatus and equipment.
- Wasatch County with assistance of each municipality has assisted with building and remodeling stations.
 - Timber Lakes
 - Wallsburg
 - Midway
- WCFD is a majority on call service, meaning Firefighters respond from their work or home in the event of a call and respond to the volunteer station closest to them.

WCFD responded to 3 large wildfires in 2012 with a cost estimate of 1.5 million dollars.

The resources and improvements saved during these wildfires was estimated at over 40 billion dollars.



FOX BAY FIRE



WHISKY SPRINGS FIRE



FOX BAY FIRE

Wasatch County Fire Marshal

WCFD's Fire Marshal oversees all fire code compliance in businesses and enforces fire sprinkler installation

Business Inspections

- Inspections of businesses are performed annually, semi annually or upon change of occupancy or ownership
- Higher Hazard Occupancy are inspected once to twice a year
- An inspection consists fire and life safety issues

THE LITTLE THINGS

Structure fire in Bryan, Texas 11:19 PM.

Structure is an unoccupied Dance/Dinner hall

Two firefighters die and three others are severely injured

Fire was investigated and found to be caused by a cord to a fan in the kitchen used to cool room.

Fire Sprinklers

National Fire Protection Agency (NFPA) establishes code requirement for fire sprinklers based on live fire research.

NFPA 13-Installation of Sprinkler Systems (COMMERCIAL)

NFPA 13R- Residential Occupancies Up to and Including Four Stories (MULTI FAMILY)

NFPA 13D- One and Two Family Dwellings (HOMES/DUPLEXES)

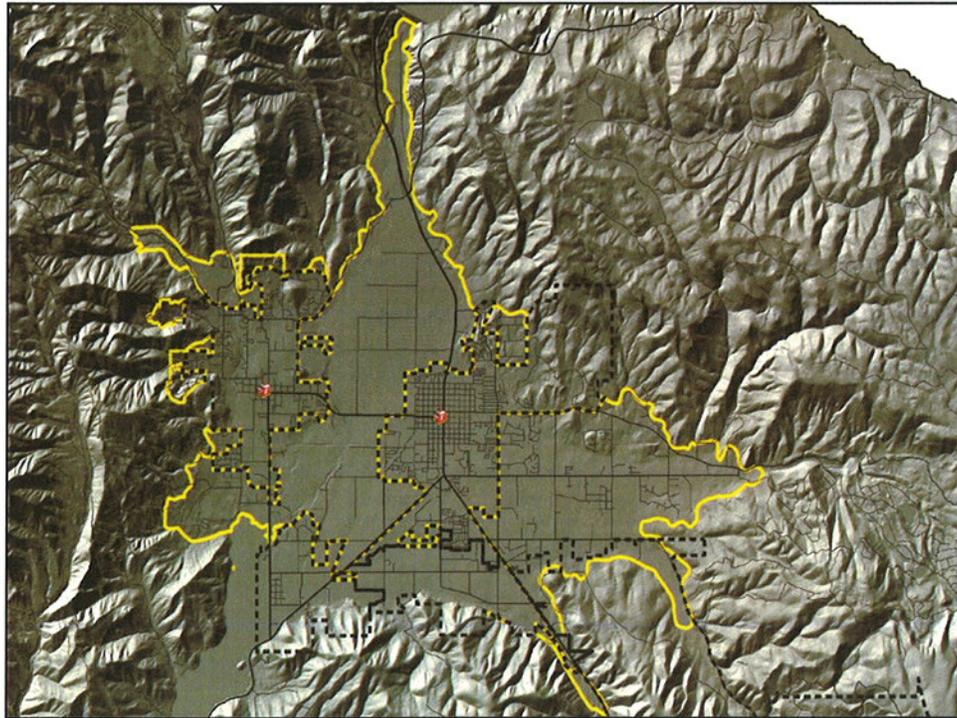
NFPA 13D is designed for LIFE SAFETY of building occupants and not necessarily to save the structure, 13D is designed to allow for a longer evacuation time by reducing risk of flashover (heat) and toxic smoke by slowing/stopping fire in its incipient stage. Sprinklers are not required in closets under 24 sq. ft., bathrooms under 55 sq. ft., crawl spaces and attics.

WHEN FIRE SPRINKLERS ARE REQUIRED

WILDLAND URBAN INTERFACE

- **WILDLAND URBAN INTERFACE**
 - **State Adopted 15A-5-203**
 - Any structure located in the Wildland Urban Interface (WUI)
- **What is the WUI?**
 - **WILDLAND URBAN INTERFACE.** The **LINE, AREA** or **ZONE** where **structures** or other human development (including critical infrastructure that if destroyed would result in hardship to communities) meet or **intermingle with undeveloped wildland or vegetative fuel.**
 - **Fire Sprinklers** are installed to reduce the likelihood of a structure fire spreading to the wildland and to other structures
 - This is enforced along with "**Defensible Space**" that requires combustible vegetation be away from the structure





INADEQUATE FIRE FLOW

■ INADEQUATE FIRE FLOW

– WCFD has adopted the International Fire Code Appendices B 2003

■ Appendix B Table 105.1

- Sets forth what fire flow in gallons per minute is required to combat a structure fire for a set square footage. This is to assure adequate water to safely combat a blaze
- In areas where fire flows are not sufficient, adding sprinklers to a structure reduces the required flow by 50%
- Most water systems design their flow to a minimum of 1,500 GPM.

■ Appendix B is beneficial due to the fact that if a home is designed and **overbuilds the water system** it allows for the home to be constructed without endangering firefighters lives due to inadequate water to combat the blaze.

APPENDIX B

TABLE 105.1
MINIMUM REQUIRED FIRE FLOW AND FLOW DURATION FOR BUILDINGS^a

Type IA and IB ^b	FIRE FLOW CALCULATION AREA (square feet)				Type IV ^c	FIRE FLOW (gallons per minute)	FLOW DURATION (hours)
	Type IA and IB ^b	Type IV and VA ^b	Type IB and IB ^b	Type IV ^c			
0-22,700	0-12,700	0-8,200	0-5,900	0-3,600	1,500		
22,700-36,200	12,700-17,000	8,200-10,900	5,900-7,900	3,600-4,800	1,750		
36,200-48,700	17,000-24,800	10,900-12,900	7,900-9,900	4,800-6,200	2,000		
48,700-61,200	24,800-34,200	12,900-17,000	9,900-12,600	6,200-7,700	2,250	2	
61,200-73,700	34,200-45,700	17,000-24,800	12,600-15,000	7,700-9,400	2,500		
73,700-86,200	45,700-59,200	24,800-34,200	15,000-18,000	9,400-11,300	2,750		
86,200-98,700	59,200-74,700	34,200-45,700	18,000-21,000	11,300-13,400	3,000		
98,700-111,200	74,700-92,200	45,700-59,200	21,000-25,000	13,400-15,600	3,250		
111,200-123,700	92,200-111,200	59,200-74,700	25,000-29,000	15,600-18,000	3,500	3	
123,700-149,200	111,200-149,200	74,700-92,200	29,000-33,000	18,000-20,600	3,750		
149,200-184,700	149,200-184,700	92,200-111,200	33,000-37,000	20,600-23,300	4,000		
184,700-220,200	184,700-220,200	111,200-149,200	37,000-42,000	23,300-26,300	4,250		
220,200-255,700	220,200-255,700	149,200-184,700	42,000-47,000	26,300-29,300	4,500		
255,700-291,200	255,700-291,200	184,700-220,200	47,000-53,000	29,300-32,600	4,750		
291,200-326,700	291,200-326,700	220,200-255,700	53,000-58,000	32,600-36,000	5,000		
326,700-362,200	326,700-362,200	255,700-291,200	58,000-64,000	36,000-39,600	5,250		
362,200-397,700	362,200-397,700	291,200-326,700	64,000-70,000	39,600-43,400	5,500		
397,700-433,200	397,700-433,200	326,700-362,200	70,000-77,000	43,400-47,400	5,750		
433,200-468,700	433,200-468,700	362,200-397,700	77,000-85,000	47,400-51,500	6,000	4	
468,700-504,200	468,700-504,200	397,700-433,200	85,000-94,000	51,500-55,700	6,250		
504,200-539,700	504,200-539,700	433,200-468,700	94,000-104,000	55,700-60,000	6,500		
539,700-575,200	539,700-575,200	468,700-504,200	104,000-115,000	60,000-64,400	6,750		
575,200-610,700	575,200-610,700	504,200-539,700	115,000-127,000	64,400-69,000	7,000		
610,700-646,200	610,700-646,200	539,700-575,200	127,000-140,000	69,000-73,800	7,250		
646,200-681,700	646,200-681,700	575,200-610,700	140,000-154,000	73,800-78,800	7,500		
681,700-717,200	681,700-717,200	610,700-646,200	154,000-169,000	78,800-84,000	7,750		
717,200-752,700	717,200-752,700	646,200-681,700	169,000-185,000	84,000-89,400	8,000	5	
752,700-788,200	752,700-788,200	681,700-717,200	185,000-202,000	89,400-95,000	8,250		
788,200-823,700	788,200-823,700	717,200-752,700	202,000-220,000	95,000-101,000	8,500		
823,700-859,200	823,700-859,200	752,700-788,200	220,000-239,000	101,000-107,000	8,750		
859,200-894,700	859,200-894,700	788,200-823,700	239,000-259,000	107,000-113,000	9,000		
894,700-930,200	894,700-930,200	823,700-859,200	259,000-280,000	113,000-119,000	9,250		
930,200-965,700	930,200-965,700	859,200-894,700	280,000-302,000	119,000-126,000	9,500		
965,700-1,001,200	965,700-1,001,200	894,700-930,200	302,000-325,000	126,000-133,000	9,750		
1,001,200-1,036,700	1,001,200-1,036,700	930,200-965,700	325,000-349,000	133,000-140,000	10,000		
1,036,700-1,072,200	1,036,700-1,072,200	965,700-1,001,200	349,000-374,000	140,000-147,000	10,250		
1,072,200-1,107,700	1,072,200-1,107,700	1,001,200-1,036,700	374,000-400,000	147,000-154,000	10,500		
1,107,700-1,143,200	1,107,700-1,143,200	1,036,700-1,072,200	400,000-427,000	154,000-161,000	10,750		
1,143,200-1,178,700	1,143,200-1,178,700	1,072,200-1,107,700	427,000-455,000	161,000-168,000	11,000		
1,178,700-1,214,200	1,178,700-1,214,200	1,107,700-1,143,200	455,000-484,000	168,000-175,000	11,250		
1,214,200-1,249,700	1,214,200-1,249,700	1,143,200-1,178,700	484,000-514,000	175,000-182,000	11,500		
1,249,700-1,285,200	1,249,700-1,285,200	1,178,700-1,214,200	514,000-545,000	182,000-189,000	11,750		
1,285,200-1,320,700	1,285,200-1,320,700	1,214,200-1,249,700	545,000-577,000	189,000-196,000	12,000		
1,320,700-1,356,200	1,320,700-1,356,200	1,249,700-1,285,200	577,000-610,000	196,000-203,000	12,250		
1,356,200-1,391,700	1,356,200-1,391,700	1,285,200-1,320,700	610,000-644,000	203,000-210,000	12,500		
1,391,700-1,427,200	1,391,700-1,427,200	1,320,700-1,356,200	644,000-679,000	210,000-217,000	12,750		
1,427,200-1,462,700	1,427,200-1,462,700	1,356,200-1,391,700	679,000-715,000	217,000-224,000	13,000		
1,462,700-1,498,200	1,462,700-1,498,200	1,391,700-1,427,200	715,000-752,000	224,000-231,000	13,250		
1,498,200-1,533,700	1,498,200-1,533,700	1,427,200-1,462,700	752,000-790,000	231,000-238,000	13,500		
1,533,700-1,569,200	1,533,700-1,569,200	1,462,700-1,498,200	790,000-829,000	238,000-245,000	13,750		
1,569,200-1,604,700	1,569,200-1,604,700	1,498,200-1,533,700	829,000-869,000	245,000-252,000	14,000		
1,604,700-1,640,200	1,604,700-1,640,200	1,533,700-1,569,200	869,000-910,000	252,000-259,000	14,250		
1,640,200-1,675,700	1,640,200-1,675,700	1,569,200-1,604,700	910,000-952,000	259,000-266,000	14,500		
1,675,700-1,711,200	1,675,700-1,711,200	1,604,700-1,640,200	952,000-995,000	266,000-273,000	14,750		
1,711,200-1,746,700	1,711,200-1,746,700	1,640,200-1,675,700	995,000-1,039,000	273,000-280,000	15,000		
1,746,700-1,782,200	1,746,700-1,782,200	1,675,700-1,711,200	1,039,000-1,084,000	280,000-287,000	15,250		
1,782,200-1,817,700	1,782,200-1,817,700	1,711,200-1,746,700	1,084,000-1,130,000	287,000-294,000	15,500		
1,817,700-1,853,200	1,817,700-1,853,200	1,746,700-1,782,200	1,130,000-1,177,000	294,000-301,000	15,750		
1,853,200-1,888,700	1,853,200-1,888,700	1,782,200-1,817,700	1,177,000-1,225,000	301,000-308,000	16,000		
1,888,700-1,924,200	1,888,700-1,924,200	1,817,700-1,853,200	1,225,000-1,274,000	308,000-315,000	16,250		
1,924,200-1,959,700	1,924,200-1,959,700	1,853,200-1,888,700	1,274,000-1,324,000	315,000-322,000	16,500		
1,959,700-1,995,200	1,959,700-1,995,200	1,888,700-1,924,200	1,324,000-1,375,000	322,000-329,000	16,750		
1,995,200-2,030,700	1,995,200-2,030,700	1,924,200-1,959,700	1,375,000-1,427,000	329,000-336,000	17,000		
2,030,700-2,066,200	2,030,700-2,066,200	1,959,700-1,995,200	1,427,000-1,480,000	336,000-343,000	17,250		
2,066,200-2,101,700	2,066,200-2,101,700	1,995,200-2,030,700	1,480,000-1,534,000	343,000-350,000	17,500		
2,101,700-2,137,200	2,101,700-2,137,200	2,030,700-2,066,200	1,534,000-1,589,000	350,000-357,000	17,750		
2,137,200-2,172,700	2,137,200-2,172,700	2,066,200-2,101,700	1,589,000-1,645,000	357,000-364,000	18,000		
2,172,700-2,208,200	2,172,700-2,208,200	2,101,700-2,137,200	1,645,000-1,702,000	364,000-371,000	18,250		
2,208,200-2,243,700	2,208,200-2,243,700	2,137,200-2,172,700	1,702,000-1,760,000	371,000-378,000	18,500		
2,243,700-2,279,200	2,243,700-2,279,200	2,172,700-2,208,200	1,760,000-1,819,000	378,000-385,000	18,750		
2,279,200-2,314,700	2,279,200-2,314,700	2,208,200-2,243,700	1,819,000-1,879,000	385,000-392,000	19,000		
2,314,700-2,350,200	2,314,700-2,350,200	2,243,700-2,279,200	1,879,000-1,940,000	392,000-399,000	19,250		
2,350,200-2,385,700	2,350,200-2,385,700	2,279,200-2,314,700	1,940,000-2,002,000	399,000-406,000	19,500		
2,385,700-2,421,200	2,385,700-2,421,200	2,314,700-2,350,200	2,002,000-2,065,000	406,000-413,000	19,750		
2,421,200-2,456,700	2,421,200-2,456,700	2,350,200-2,385,700	2,065,000-2,129,000	413,000-420,000	20,000		
2,456,700-2,492,200	2,456,700-2,492,200	2,385,700-2,421,200	2,129,000-2,194,000	420,000-427,000	20,250		
2,492,200-2,527,700	2,492,200-2,527,700	2,421,200-2,456,700	2,194,000-2,260,000	427,000-434,000	20,500		
2,527,700-2,563,200	2,527,700-2,563,200	2,456,700-2,492,200	2,260,000-2,327,000	434,000-441,000	20,750		
2,563,200-2,598,700	2,563,200-2,598,700	2,492,200-2,527,700	2,327,000-2,395,000	441,000-448,000	21,000		
2,598,700-2,634,200	2,598,700-2,634,200	2,527,700-2,563,200	2,395,000-2,464,000	448,000-455,000	21,250		
2,634,200-2,669,700	2,634,200-2,669,700	2,563,200-2,598,700	2,464,000-2,534,000	455,000-462,000	21,500		
2,669,700-2,705,200	2,669,700-2,705,200	2,598,700-2,634,200	2,534,000-2,605,000	462,000-469,000	21,750		
2,705,200-2,740,700	2,705,200-2,740,700	2,634,200-2,669,700	2,605,000-2,677,000	469,000-476,000	22,000		
2,740,700-2,776,200	2,740,700-2,776,200	2,669,700-2,705,200	2,677,000-2,750,000	476,000-483,000	22,250		
2,776,200-2,811,700	2,776,200-2,811,700	2,705,200-2,740,700	2,750,000-2,824,000	483,000-490,000	22,500		
2,811,700-2,847,200	2,811,700-2,847,200	2,740,700-2,776,200	2,824,000-2,900,000				

Fire Sprinkler Myths

ALL FIRE SPRINKLERS GO OFF IF I BURN THE TOAST

- Fire Sprinklers are HEAT ACTIVATED, meaning only one head will activate at a time. If there is a fire, only heads closest to the fire will activate until fire is contained.

Fire Sprinkler activation causes more damage than the actual fire.

FIRE DEPARTMENT

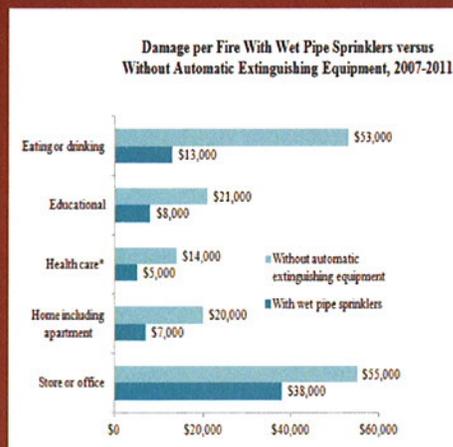
- The typical attack line for a fire department is between 1-3/4 inch and 2-1/2 inch producing **250 GPM**
- Typical response of a full time department is **4-10minutes**
- This time allow the fire to grow significantly, producing heat AND smoke damage.
- Multiple lines will be pulled
- Master Streams flow 1,500-2,000 GPM

FIRE SPRINKLERS

- Sprinklers are supplied by 1 inch piping
- Sprinklers respond immediately to fire/heat and slow/extinguish fire in its incipient stage
- Sprinklers flow 25-35 GPM

FIRE LOSS

SPRINKLERED VS NON SPRINKLERED



Fire Facts

1. In 2012, home structure fires caused **83% of the civilian fire deaths** and 78% of the civilian fire injuries.
2. The very **young** and the very **old** are at highest risk of death from home fires.
3. **36%** fatal fire victims never wakes up before being injured.
4. Depending on fuel loading in the Room of Origin, fire can **double every 60 seconds**
5. **900-1300** degrees are reached in room of origin within **5 MINUTES** and 400-600 degrees in adjoining rooms

Fire Sprinkler FACTS

1. **Sprinklers decrease the fire death rate** per 1,000 reported home fires by about **80%** and the average loss per home fire by about **70%**.
2. Sprinklers operated in 91% of all reported structure fires large enough to activate sprinklers, **When sprinklers operated, they were effective 96% of the time**
3. National average of the cost of sprinklers is about **1.36 per square foot** or **1-1.5% of home value**.
4. **82% reduction of a fatality** in a fire with **WORKING** sprinklers/smoke alarms

Resources

- www.homefiresprinkler.org/
- www.firesprinklerinitiative.org/
- www.nfpa.org/
- www.iccsafe.org
- www.ul.com

TAB B

TAB C

Section 3.14.060 Awarding of Bids and RFPs

A. **Bids/Purchases in Relation to Budget** Except as otherwise required by law, building improvement or public works projects and supplies, services, and equipment, no more than the lesser of \$10,000.00 or 10% of the appropriation balance, and within the scope of the project, as budgeted by the City Council, may be accepted and awarded by the City Manager or designee. Bids which exceed the budgeted amounts by more than the lesser of \$10,000.00 or 10% of the appropriation balance must be approved and awarded by the City Council.

B. **Professional Services** Contracts for professional services in an estimated amount no more than the lesser of \$10,000.00 or 10% of the appropriation balance, and within the scope of or related to the project, as budgeted by the City Council, may be accepted and awarded by the City Manager or designee. Proposals which exceed the budgeted amounts by more than the lesser of \$10,000.00 or 10% of the appropriation balance must be approved and awarded by the City Council.

C. **Rejection of Bids** The City Council or the City Manager or his/her designee, or others authorized to accept and award bids may reject any and all bids presented, and may re-solicit for bids as set forth in this Chapter. The City may proceed to do any work itself after rejecting all bids, by following the procedures set forth in Utah Code Ann. §11-39-103.

D. **Lowest Responsible Bidder** Except as otherwise allowed or required, the City shall award the contract or bid to the lowest responsible bidder.

E. **Negotiation of Bids** Where a bid exceeds available funds and time or economic considerations preclude re-solicitation of work or purchase of a reduced scope or quantity, the City Manager or designee may negotiate an adjustment of the bid price, including changes in the bid requirements, with the lowest responsible bidder, in order to bring the low bid within the amount of available funds.

F. **Tie Bids** If two (2) or more of the bids received are for the same total amount or list price, quality and service being equal, the City Manager or designee may negotiate with the bidders and obtain the best bid possible and/or give a preference to a local bidder.

G. **Local Bid Preference** For purchases under \$25,000 in total, local bidders will be allowed to match the low bid submitted by non-local providers as follows:

1. When a quotation or bid for supplies, equipment, services, or materials from a non-local provider (from outside Wasatch County) submitted in response to a quote invitation or bid request is the low bid price, AND there is a local bidder whose bid or quote is within ten (10%) percent of the lowest bid of the non-local bidder(s), the purchase shall be awarded to the local bidder provided he/she agrees to meet the low quote or bid of the lowest non-local bidder within two business days after notification.

2. In the event that more than one local bidder (within the boundaries of Wasatch County) shall notify Heber City of his/her willingness to meet the low quote or bid of the lowest non-local bidder, the purchase shall be awarded to the willing local bidder who was the lowest local bidder originally. If there are two or more equally low local bidders, then the local bidder to which the purchase is awarded shall be the local bidder whose original bid was first received by the City.

H. **Single Bids** The City Manager or his/her designee may require a price or cost analysis if only one bid is received. The bidder may be required to furnish a detailed cost proposal, and the bid award shall be subject to subsequent negotiation.

I. **Bonds** Before entering a contract, the City shall have authority to require performance, payment, or other bonds in such amounts as deemed necessary to protect the interests of the City. The types and amounts of the bonds to be required shall be described in the notice inviting bids.

J. **Change orders** Change orders on contracts under \$5,000.00, and on contracts over \$5,000 which increase the contract price in an amount of the lesser of \$10,000.00 or 10% of the contract amount, may be approved by the City Manager or designee, as long as the overall approved project budget is not exceeded by ~~more than~~ the lesser of \$10,000.00 or 10%. Otherwise change orders must be approved by the City Council. ~~of the contract price, and provided further that the sum of all change orders does not increase the contract price by more than the lesser of \$10,000.00 or 10% of the contract amount. Line item change orders may be approved by the City Manager or designee as long as the overall project budget is not exceeded by more than the lesser of \$10,000.00 or 10% of the contract price.~~

(2013-10, Added, 11/07/2013)

TAB D

THE DIAZ LAW FIRM

JOHN E. DIAZ, ESQ.

Attorney and Counselor at Law
231 East 400 South, Suite 310
Salt Lake City, Utah 84111

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Fax: 801-359-4160

Email: john@jdiazlaw.com

www.jdiazlaw.com

June 9, 2014

Heber City Corporation
Mark K. Anderson, City Manager
75 North Main Street
Heber City, Utah 84032

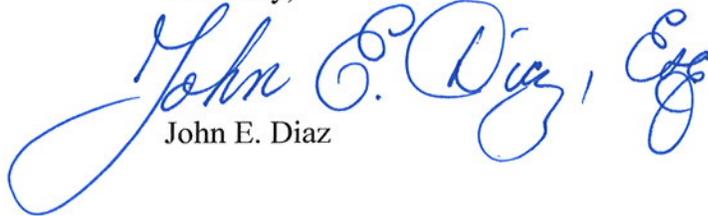
Re: Letter dated May 15, 2014 to Imad Alsaad owner of Smoke Station 2, LLC., stating intent to revoke business license.

Dear Mr. Anderson:

This office represents Smoke Station 2, LLC., and Imad Alsaad. We are in receipt of your letter referenced above. As instructed in your letter, we are hereby requesting that a pre-revocation hearing be scheduled with the City Council.

I look forward to hearing from you soon to determine which dates would be most appropriate for all parties involved. Thank you for your time and consideration on this matter. If you have any questions, please do not hesitate to call me.

Sincerely,


John E. Diaz

cc:

Mark Smedley

Imad Alsaad