





# FARMINGTON CITY

SCOTT C. HARRINGTON  
MAYOR

JOHN BILTON  
RICK DUTSON  
CORY R. RITZ  
JIM TALLENT  
SID YOUNG  
CITY COUNCIL

DAVE MILLHEIM  
CITY MANAGER

TO: Honorable Mayor and City Council

FROM: Paul Hirst, City Engineer

DATE: June 24, 2011

SUBJECT: Status of the water quality testing on the Community Center Well

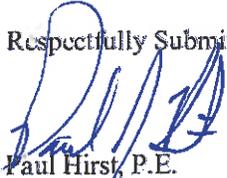
## RECOMMENDATION

Authorize proceeding with design of the well house including equipment and building. No special treatment equipment will be considered at this time. The building will not be sized to allow for future treatment equipment.

## BACKGROUND

- Water taste, odor, color tests done on May 4 and May 9, 2011.
- Hydrogen Sulfide levels were reduced with increased pumping quantity of 800 gpm
- Blending with chlorine, which is standard on all City wells, appears to be effective treatment for removing the sulfide odor.
- Other more costly treatment methods are not cost effective given the low concentrations of sulfide
- Water color caused by Turbidity will not be detected unless it is closely examined against other non-turbid water.
- Blending the water with other City water will remove any sulfide and turbidity residue.

Respectfully Submitted

  
Paul Hirst, P.E.  
City Engineer



## INTRODUCTION

The new Community Center Well was drilled and pump tested in January of 2011. As part of the testing for the well, a lab was contracted to perform a detailed analysis of the water chemistry including water quality testing. The test results were submitted and reviewed by the Division of Drinking water and were found to meet all State standards. Thus, the water could be turned into the system without any treatment. However, during pump testing, the discharge water was observed to have a "rotten egg odor". Because Farmington residents have typically demanded higher standards for water quality, it was determined that additional research and testing should be done to see if the water quality could be improved. Because the levels of sulfur in the water causing the color and odor problems are relatively low, it was hoped that chlorination (oxidation) might be enough to treat the problem. Oxidation is the simplest and least expensive form of treatment available to treat sulfides.

## TESTING

On Wednesday, May 4<sup>th</sup>, a submersible pump was used to pump the well at 300 gallons per minute (gpm). Water samples were taken and tested for taste, odor, color, sulfide and chlorine residual. The raw well water and various blends of City water were tested with and without added chlorine to observe the effect on the various parameters. It should be noted that the City water typically has a chlorine residual of approximately 0.3 mg/L. The observations and measurements from this first round of testing are shown in the table below.

### RESULTS OF TESTING AT 300 GPM

Run	Time (min)	% Well Water	% City Water	Chlorine Added	Color	Odor	Taste	Sulfide (mg/L)*	Chlorine Residual
1	120	100	0	0	slight	bad	bad	0.04	0
2	135	50	50	0	none	minor	ok	0.01	
3	150	25	75	0	none	good	good	0.01	
4	180	100	0	1ppm	slight	minor	ok	0.02	0.35
5	210	50	50	1ppm	none	good	good	0.02	0.12
6	240	25	75	1 ppm	none	good	good	0.01	0.08

\* 1 mg/L = 1 part per million

The results of the testing showed that the addition of chlorine, as well as blending with the City's current culinary sources improved the taste, odor and color issues.

Following the initial testing, there was some concern that pumping at the 300 gpm rate may not be fully representative of water quality conditions at the proposed pumping rate of 800 gpm. In order to observe concentrations at this higher pumping rate, a larger submersible pump was installed in the well.

On Monday, May 9<sup>th</sup>, the well was pumped at approximately 800 gpm and similar tests were repeated. For this test, more sophisticated equipment with a lower detection limit was used to increase the precision of the measurements. The results of this second round of testing are shown in the table below.



## TREATMENT OPTIONS

With the Community Center well's measured levels of hydrogen sulfide, no additional treatment beyond chlorination was recommended by any of the suppliers contacted. The levels are low enough that further treatment should not be considered unless the water chemistry changes over time. If the hydrogen sulfide were to increase in the future, there are several treatment options that could be considered. The different treatment methods vary greatly depending on levels of sulfur, pH of water, amount of water to be treated, costs, availability of space for infrastructure, intensity of maintenance, etc. Because of the wide variety of variables in future treatment, additional treatment should not be considered until such time as it becomes necessary and the treatment can be tailored to meet the changed water conditions. A summary of the treatment options are outlined below.

### ***Chlorination (oxidation)***

This is the simplest and least expensive method of treatment. Chlorine is added to the well water which oxidizes the hydrogen sulfide. This has proven to be effective in treating the odor and taste symptoms from sulfides, but chlorination by itself does little to remove the color or turbidity from the water. To reduce turbidity, blending will be required. Most often chlorination is done in combination with some kind of filtration (sand, activated carbon, or other) to capture any particulates that result from the oxidation process. In this case, a filter would not be recommended because the levels of the sulfide are so low that any particulates produced would not be captured in a filter.

### ***Blending***

Blending does not treat the water, but rather lessens the symptoms of the sulfur presence by diluting the well source with higher quality water. This is most commonly done in reservoirs or in dedicated transmission lines with inline diffusers to aid in the mixing to provide a more controlled blending environment. However, this would be very costly to do with Farmington's system as it exists now. Some blending occurs naturally in the system through the distribution piping as water is delivered to customers.

### ***Air Stripping***

Air stripping is a type of aeration process where gas is removed from water, in this case hydrogen sulfide. There are many different kinds of air stripping devices available including waterfall aeration such as a packed tower. A packed column consists of a cylindrical tower, a packing material (usually plastic, steel or ceramic) and a blower. The well water is pumped into the top of the tower and blowers are used to introduce air through the bottom. A typical configuration for packed tower aerator is shown below. With this type of treatment the off-gas sometimes has to be treated and the towers get packed with solids making them inefficient. Another disadvantage of this system is that we would break head with the well pump and have to install a tank to capture the water after treatment and then re-pump the water. If the pH of the water is 7 or more, additional treatment to decrease the pH would have to be considered before using the air filter. These systems are expensive, require significant additional infrastructure (storage tank and booster pump), and take up a lot of room. For a system to handle 800 gpm, the aerator would have a footprint of 6'x6'.



modifications. However, because air (gases) is introduced into the system, the City might need to add some air-release valves in the system. And before ozone is considered, it is recommended that the dosing of chlorine be increased. Usually increasing the chlorine concentration will work just as well as ozone.

For discussion purposes if we assumed that we needed to treat 0.1mg/L hydrogen sulfide at 800 gpm, we would need a system that could produce 81grams/hour of ozone. Only a small portion of the 800 gpm would be divided off of the mainline and treated (less than 50gpm). It would then be reintroduced into the line using nozzles for mixing.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended that the City move forward with design of a well house, equipping the well and connecting it to the City's culinary water system. Without any treatment, the new water source meets all water quality standards from the State and can be connected to the system. The City's standard of practice is to install in-line chlorination in all of the City's well houses, which will significantly improve the odor and taste of the water before it enters the system. In addition, the natural blending that occurs through the system as it mixes with other City sources, improves the water quality.

It is also recommended that the waterline from the well house be a dedicated transmission line to State Street. This will allow for natural blending to occur at State Street with the City's other sources. The existing service line in Main Street would remain separate from the new line, giving more contact time for the chlorine through the new transmission line and allowing some mixing to occur before the water is distributed to residents.

From an operational standpoint, there are also some things that can be done to minimize the impact of this water on the Farmington Residents.

- If the well water were pumped at night, the majority of the water would be used to fill the reservoirs which would enable more thorough mixing with other City sources.
- The second test showed that the sulfide and turbidity cleared up with continued pumping. By running the pump for longer periods of time, the symptoms of sulfide should lessen.
- The new well water could also be introduced slowly, so that residents can get used to the new source.

Should the chlorination and blending not produce acceptable quality water in the future, additional treatment methods such as air stripping, filtration or ozonation could be added. In researching the different treatments, it was hoped that we could design the building to accommodate more aggressive treatment in the future if it were to be needed. However, because of the wide variety of treatment options and the size and complexity of some of the systems, it is not cost effective to accommodate for that at this time. It is recommended that if the hydrogen sulfide concentrations increase in the ground water in the future, that increasing the concentration of chlorine be considered as the first treatment method. The costs of other treatments are much higher than the chlorination and blending, and should only be considered if necessary.



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# Chemtech-Ford Laboratories

## Certificate of Analysis

Lab Sample No.: 1102090-01

<b>Name:</b> CRS Consulting Engineers, Inc.	<b>Sample Date:</b> 3/22/2011 8:30 AM
<b>Sample Site:</b> Farmington Community Center	<b>Receipt Date:</b> 3/22/2011 11:10 AM
<b>Comments:</b>	<b>Sampler:</b> Mark Chandler
<b>Sample Type:</b> Drinking Water	<b>System No.:</b>
<b>Source Code:</b>	

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analysis Date/Time	Analyst Initials	Analytical Method	Flag
<b>Calculations</b>								
Hardness, Total as CaCO <sub>3</sub>	28		1	mg/L	3/30/2011 15:00	MJB	SM 2340 B	
Langelier Index	-0.65			None	3/30/2011 15:00	MJB	Calculation	
<b>Inorganic</b>								
Alkalinity - Bicarbonate (CaCO <sub>3</sub> )	136		1.0	mg/L	3/22/2011 14:00	TSM	SM 2320 B	
Alkalinity - Carbonate (CaCO <sub>3</sub> )	ND		1.0	mg/L	3/22/2011 14:00	TSM	SM 2320 B	
Alkalinity - CO <sub>2</sub> (CaCO <sub>3</sub> )	100		1.0	mg/L	3/22/2011 14:00	TSM	SM 2320 B	
Alkalinity - Hydroxide (CaCO <sub>3</sub> )	ND		1.0	mg/L	3/22/2011 14:00	TSM	SM 2320 B	
Alkalinity - Total (as CaCO <sub>3</sub> )	111		1.0	mg/L	3/22/2011 14:00	TSM	SM 2320 B	
Ammonia as N	0.3		0.2	mg/L	3/24/2011 12:00	TSM	SM 4500 NH3-D	
Chloride	38	250	1	mg/L	3/22/2011 14:00	TSM	EPA 300.0	
Color	ND	15	0	Color Units	3/22/2011 15:30	JSH	EPA 110.2	
Conductivity	365		1	umhos/cm	3/25/2011 11:00	FAJ	EPA 120.1	
Cyanide, Free	ND	0.2	0.05	mg/L	3/28/2011 8:00	TJS	SM 4500 CN-E	
Fluoride	0.2	4	0.1	mg/L	3/22/2011 14:00	TSM	EPA 300.0	
MBAS Surfactants	ND	0.5	0.08	mg/L	3/24/2011 8:00	FAJ	SM 5540 C	
Nitrate as N	ND	10	0.1	mg/L	3/22/2011 14:00	TSM	EPA 300.0	
Nitrite as N	ND	1	0.1	mg/L	3/22/2011 14:00	TSM	EPA 300.0	
Odor	ND	3	0	0 - 5 Scale	3/22/2011 15:30	JSH	SM 2150 B	SPH
pH	8.0	8.5	0.1	pH Units	3/22/2011 17:00	JSH	SM 4500 H-B	SPH
Phosphate, ortho	0.83		0.25	mg/L	3/24/2011 8:15	FAJ	SM 4500 P-E	
Sulfate	10	250	1	mg/L	3/22/2011 14:00	TSM	EPA 300.0	
Total Dissolved Solids (TDS)	234	1000	10	mg/L	3/23/2011 16:40	JSH	SM 2540 C	
Turbidity	0.60	5	0.02	NTU	3/22/2011 17:00	JSH	EPA 180.1	



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<b>Comments:</b>	<b>Sampler:</b> Mark Chandler
<b>Sample Type:</b> Drinking Water	<b>Source Code:</b>
	<b>System No.:</b>

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analysis Date/Time	Analyst Initials	Analytical Method	Flag
<b>Carbamates</b>								
3-Hydroxycarbofuran	ND		1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
Aldicarb	ND		1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
Aldicarb sulfone	ND		1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
Aldicarb sulfoxide	ND		1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
Carbaryl	ND		1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
Carbofuran	ND	40	1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
Methomyl	ND		1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
Oxamyl	ND	200	1.0	ug/L	3/22/2011 16:00	BTK	EPA 531.1	
<b>Herbicides</b>								
2,4,5-TP (Silvex)	ND	50	0.440	ug/L	3/25/2011 21:47	BTK	EPA 515.2	
2,4-D	ND	70	0.220	ug/L	3/25/2011 21:47	BTK	EPA 515.2	
Dalapon	ND	200	2.20	ug/L	3/25/2011 21:47	BTK	EPA 515.2	
Dicamba	ND		1.00	ug/L	3/25/2011 21:47	BTK	EPA 515.2	
Dinoseb	ND	7	0.440	ug/L	3/25/2011 21:47	BTK	EPA 515.2	
Pentachlorophenol	ND	1	0.088	ug/L	3/25/2011 21:47	BTK	EPA 515.2	
Picloram	ND	500	0.220	ug/L	3/25/2011 21:47	BTK	EPA 515.2	
<b>Pesticides</b>								
Endrin	ND	2	0.022	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
Heptachlor	ND	0.4	0.088	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
Heptachlor epoxide	ND	0.2	0.044	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
Lindane	ND	0.2	0.044	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
Methoxychlor	ND	40	0.22	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
PCB-1016	ND	0.2	0.20	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
PCB-1221	ND	0.5	0.20	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
PCB-1232	ND	0.5	0.20	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
PCB-1242	ND	0.5	0.50	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
PCB-1248	ND	0.5	0.50	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
PCB-1254	ND	0.5	0.50	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
PCB-1260	ND	0.5	0.50	ug/L	4/1/2011 18:13	BTK	EPA 508.1	
Toxaphene	ND		2.2	ug/L	4/1/2011 18:13	BTK	EPA 508.1	



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<b>Sample Type:</b> Drinking Water	<b>Source Code:</b>
	<b>System No.:</b>

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analysis Date/Time	Analyst Initials	Analytical Method	Flag
<b>Volatile Organic Compounds</b>								
2,2-Dichloropropane	ND		0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
2-Chlorotoluene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
4-Chlorotoluene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Benzene	ND	5	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Bromobenzene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Bromochloromethane	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Bromodichloromethane	ND		0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Bromoform	ND		0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Bromomethane	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Carbon Tetrachloride	ND	5	1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Chlorobenzene	ND	100	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Chloroethane	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Chloroform	ND		0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Chloromethane	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
cis-1,2-Dichloroethene	ND	70	1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
cis-1,3-Dichloropropene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Dibromochloromethane	ND		0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Dibromomethane	ND	5	1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Dichlorodifluoromethane	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Ethyl Benzene	ND	700	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Hexachlorobutadiene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Isopropylbenzene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Methyl tert-Butyl Ether (MTBE)	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Methylene Chloride	ND	5	1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Naphthalene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
n-Butyl Benzene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
n-Propyl Benzene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
p-Isopropyltoluene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
sec-Butyl Benzene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Styrene	ND	100	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
tert-Butylbenzene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Tetrachloroethene	ND	5	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Toluene	ND	1000	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
trans-1,2-Dichloroethene	ND	100	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
trans-1,3-Dichloropropene	ND		1.0	ug/L	3/23/2011 12:50	MAH	EPA 524.2	
Trichloroethene	ND	5	0.5	ug/L	3/23/2011 12:50	MAH	EPA 524.2	





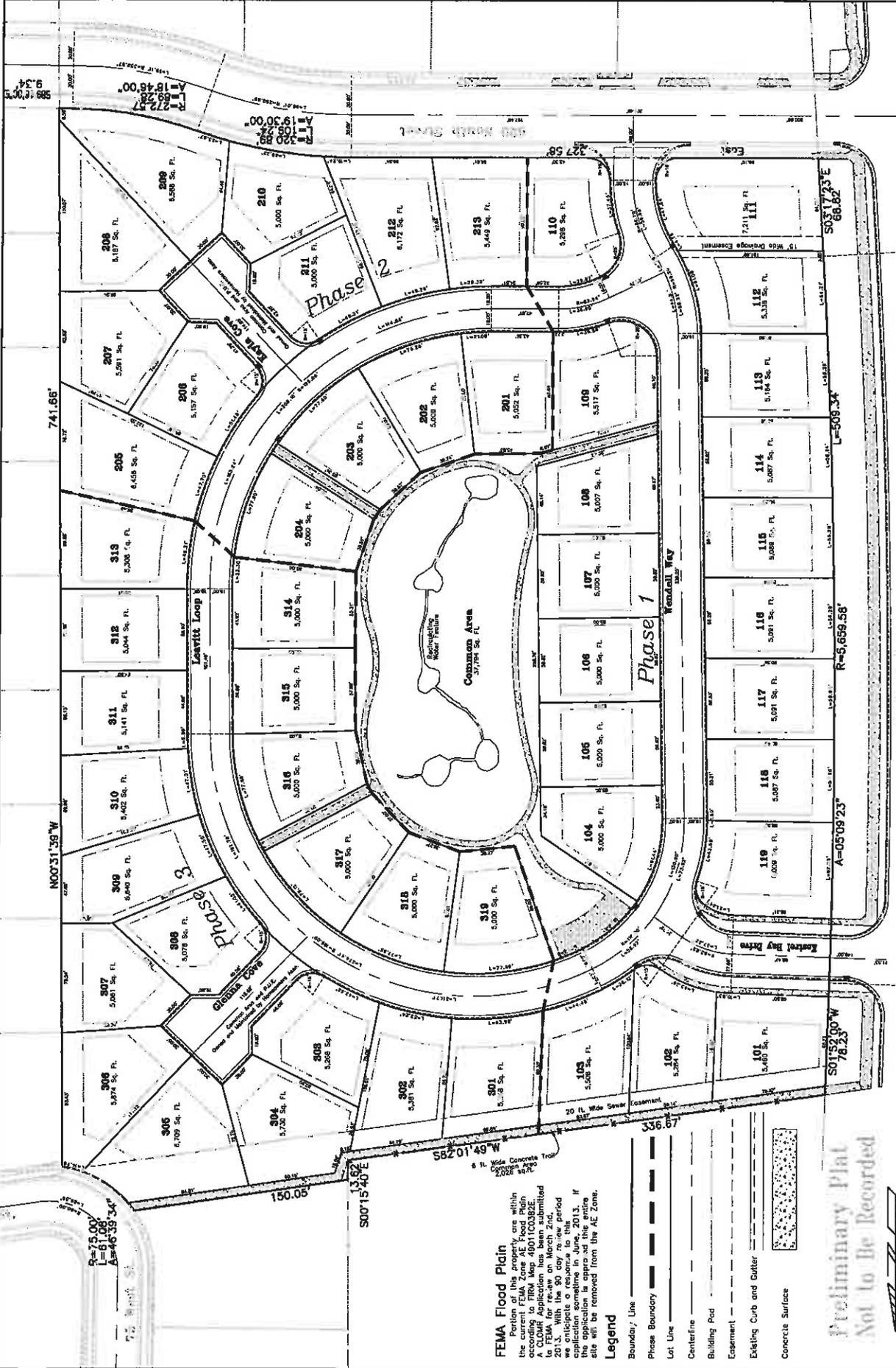
# Exhibit B

**Balling Engineering \* Planning**  
Civil Engineering \* Surveying \* Planning  
P.O. East Pagos Lane  
Centerville, Utah 84014  
Phone: (801) 285-7337  
Fax: (801) 293-4143  
Email: bob@ballingeng.com

**Keetzel Bay Estates P.U.D.**  
Concept Site Plan  
For Best Building

By	Date	Description
	04-24-13	DK Balling
	04-24-13	LS Balling
	04-24-13	LS Balling
	04-24-13	LS Balling

Revisions



Keetzel Bay Drive  
Vandalia Way  
Leavitt Loop

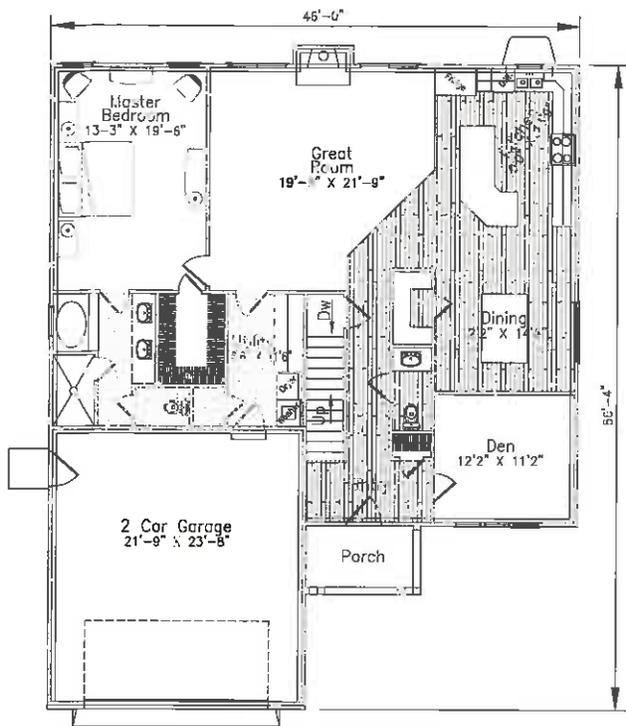
**FEMA Flood Plain**  
Portions of this site are within the current FEMA Zone AE Flood Plain according to FIRM Map 4901C0382E. A CLOUT Application has been submitted to FEMA on 04/24/13. With the 90 day review period we anticipate a response to this application sometime in June, 2013. If the application is approved the entire site will be removed from the A/C Zone.

- Legend**
- Boundary Line
  - Phase Boundary
  - Lot Line
  - Centerline
  - Building Foot
  - Equipment
  - Existing Curb and Gutter
  - Concrete Surface

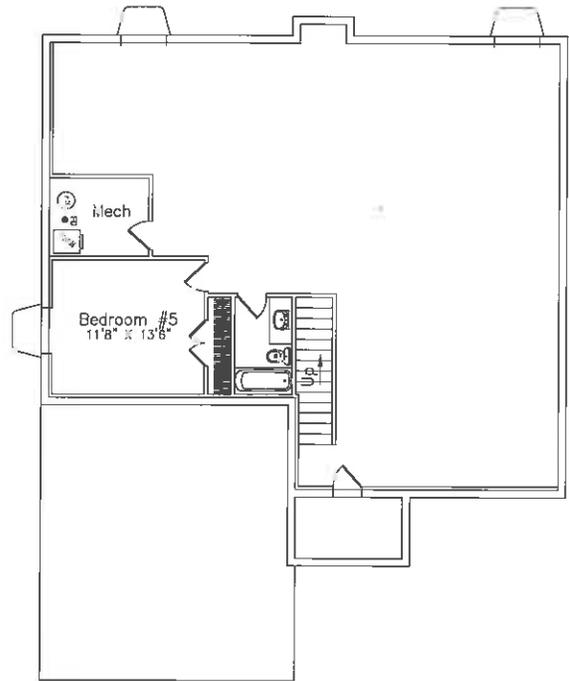
Preliminary Plat  
Not to Be Recorded



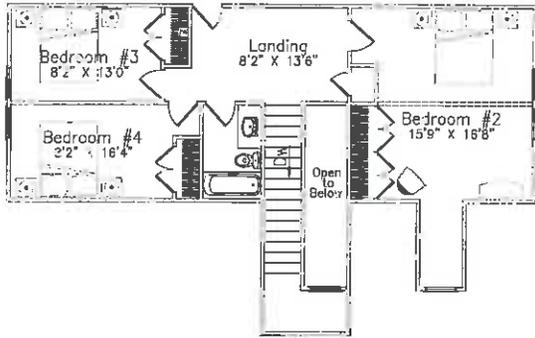
Scale: 1" = 30'



Main Floor



Basement

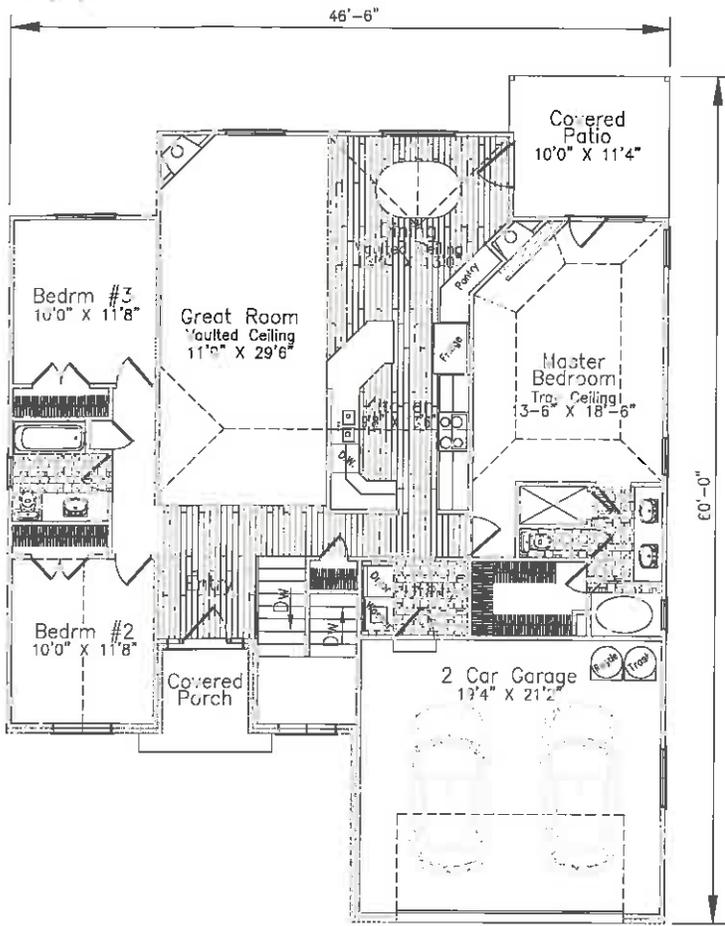


2nd Floor

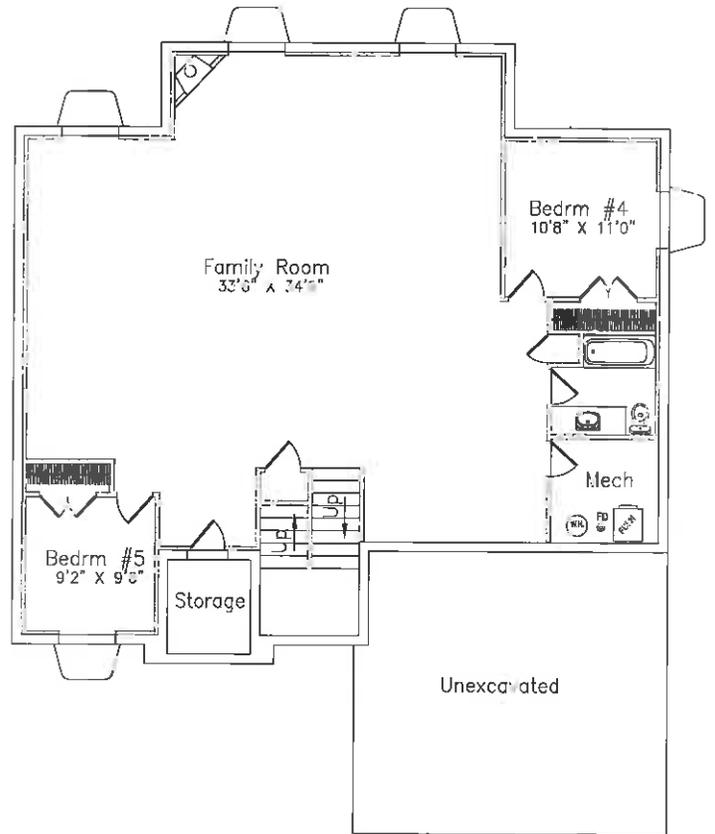
### Barbary Floor Plan

Second Floor Area 717 sq.ft.  
 Main Floor Area 1,614 sq.ft.  
 Basement Floor Area 1,064 sq.ft.





Main Floor



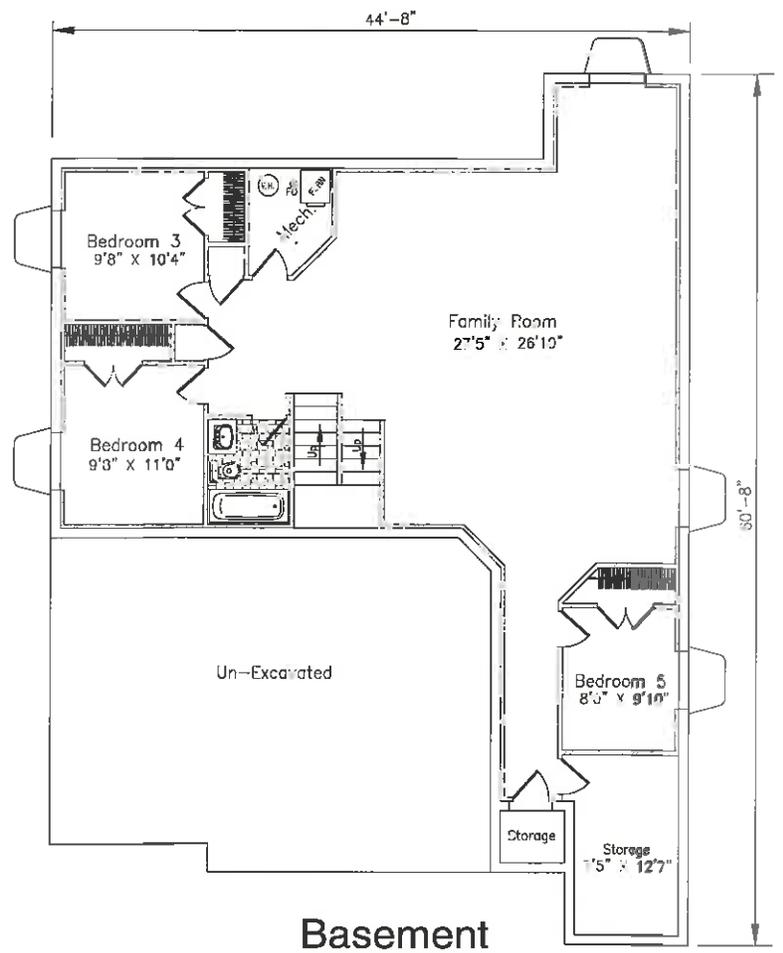
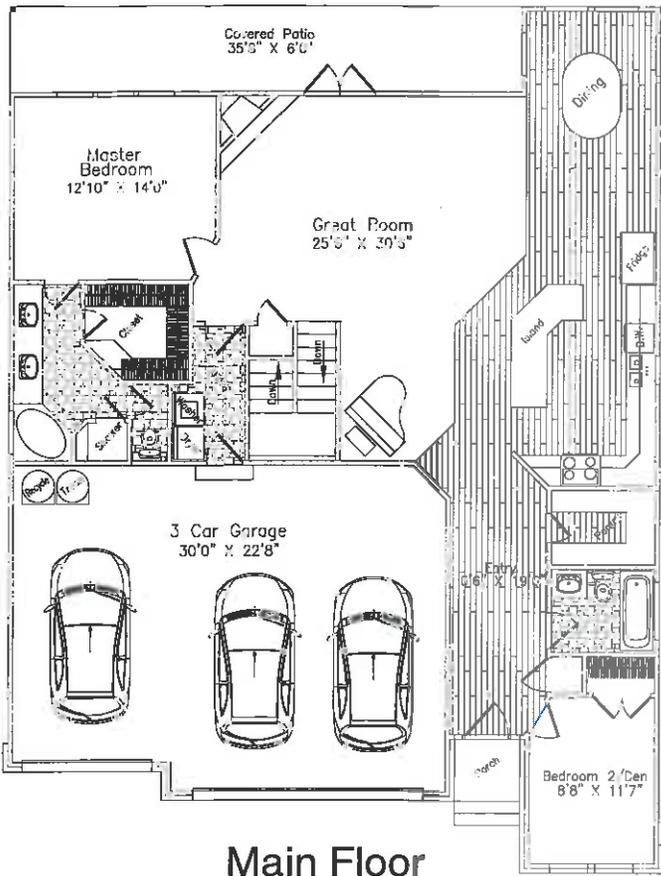
Basement



**Cooper Floor Plan**

Main Floor Area 1,590 sq.ft.  
 Basement Floor Area 1,510 sq.ft.





### Falcon Floor Plan

Main Floor Area 1,543 sq.ft.  
Basement Floor Area 1,513 sq.ft.

### Exhibit D-3

**B** **E** **E** **E** **E**  
Balling  
Engineering





Cory Ritz, Farmington City Council Member

Aug 7, 2013

Cory,

I went to the planning commission public hearing last evening. My first time in the new city building. A few observations:

1. The paintings + photos in the council chambers are beautiful.
2. The sound system absolutely SUCKS! Could hardly understand what was being said. I hear pretty well. Can only imagine what people with hearing aids go through. Too much echo? The sound just disappears into those high ceilings. Sit down in the audience seats - you will understand what I mean. The commission/council members need those small face mikes like performers who wear. Unless they talk directly into the microphone, one cannot hear much of anything except noise + mumbling. Went home with a headache from the experience. Big difference from the old council chambers.
3. Need a curtain or screen system for the large window behind the rostrum. Could hardly see the commission members for the glare, and the overhead screen was also hard to see because of the glare.
4. Just my personal take - the rostrum is so high, I felt like I was in a courtroom instead of council room. Very intimidating to most people - not good for community/council relations.

The old council chamber was comfortable, one could see + hear well and for me, made the council seem more approachable, because their seating arrangement was much lower, and closer to the level of their constituents.

Had to say something! Best Regards!

Darrell Lake

**Petition to the Farmington City Planning Commission, City Council, Mayor and Staff by the residents that live along or about 620 South/ Continental Drive:**

It has come to our attention, we the residents that live along or about 620 South/ Continental Drive in Farmington, Utah, that an application has been submitted to Farmington City for the approval of the Kestral Bay subdivision (#S-5-13). Although the development appears to have merit we specifically object to the plans disregard of the Farmington City's Master Transportation Plan in that the road design does not allow for east west traffic flow along 450 South. We submit that an alignment must be made whereby 450 South is connected from 200 East to the Frontage Road through the subject proposed subdivision allowing for an equitable east west distribution of traffic through the area consistent with the Farmington City Master Transportation Plan.

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Wes Holmes 39 W 620 S 5/28/2013  
WES HOLMES Farmington, UT 84025

Jill D. Holmes 39 W. 620 So. 5/28/13  
JILL D. HOLMES Farmington, Utah 84025

Ali Overton 59 W. 620 S. 84025 5/28/13  
Ali Overton Farmington, UT 84025

Mike Overton " " 5-28-13

Mike Overton 5/28/13  
Ken Hamilton 24 W 620 South

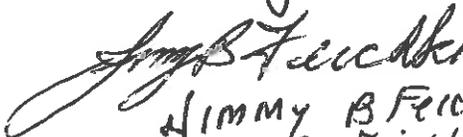
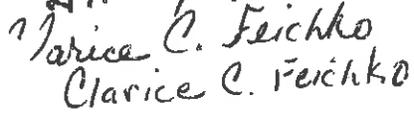
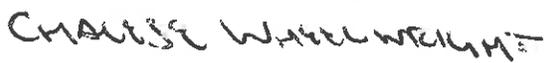
Ken Hamilton 24 W. 620 South 5/28/13

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	38 W 620 S FARMINGTON	5-28-13
TONY ARMER		
	38 W 620 S FARMINGTON UT 84025	5-28-13
Darcy Gray		
	36 E 620 S. FARMINGTON UT 84025	5-28-13
Jimmy B. Feichko		
	36 E. 620 South Farmington, Utah 84025	5-28-13
Clarice C. Feichko		
	54 E. 620 S. FARMINGTON, UT	5/28/13
CHRIS WHEELWRIGHT		
	" " " "	5/28/13
Chelsey Wheelwright		
		
Chelsey Wheelwright		

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Kim Farr 82 E. Continental Dr. 5/29/13

 Douglas Farr 82 E CONTINENTAL DR. 5/29/13

Ryan Hale Ryan Hale 92 E. 550 S. 5/29/13

Claudia Hale Claudia Hale 92 E. 550 S. 5/29/13

Jennie McCoy Jennie McCoy 116 E. 550 S. 5/29/13

 David McCoy ~~David McCoy~~ 116 E. 550 S. 5/29/13

Chejsea Odham  580 S. 150 E. 5/29/13

 Jeff Morrison 180 E 550 S. 5/29/13

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FRANK GILES 68E 620S F Gil, 5/29/13  
ROSE MARIE GILES 68E 620S Rose Marie Giles 5/29/13  
DARON BERGSTROM 14 WEST 620 S 5/29/13  
DARON BERGSTROM  
LISA BERGSTROM 14 WEST 620 S 5/29/13  
LISA BERGSTROM  
RYAN CADWALLADER 23 West 620S 5/29/13  
JANALEE CADWALLADER 23 W. 620 S 5/29/13  
JANALEE CADWALLADER

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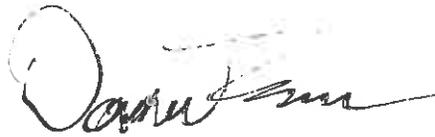
Rebecca Japion 89-451-2344  
Dan Farley 801-451-7667  
David Cramer 801-852-9548 (95 E 580 S)  
Pete Crandall 801-668-5669  
Megan Hill 801-451-7546  
David Knowles 801-451-0646  
Liana Knowles 801-451-0646  
Ron Poulson 801 718 8541  
Audrey Poulson 801-451-8837  
Shar Weight 801-451-2139

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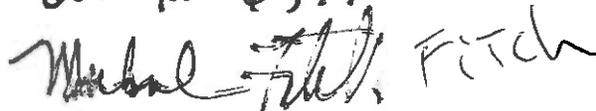
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Daniel Larson

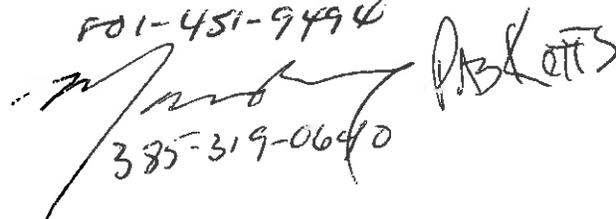
801-910-6577

 Michael Fitch

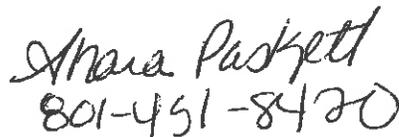
801-451-3862

 TED KALAKAS

801-451-9494

 Andy Pickett

385-319-0640

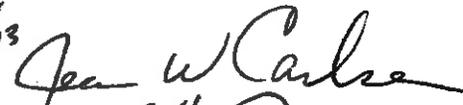
 Anna Pickett  
801-451-8420

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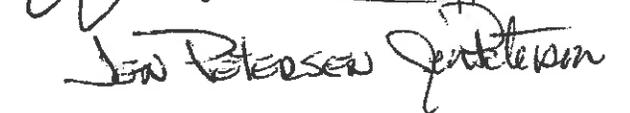
6/25/13  6/25/13   
6/25/13  6/25/13   
6/25/13  6/25/13   
6/25/13   
6/25/13   
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	Mike Hansen	6-24-13	582 S. 50 W.
	Alie Hansen	6-24-13	" "
	Jan Peterson	7-9 W 620 S <sup>th</sup>	6-25-13

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<i>Alan L. Tanner</i>	609. SOUTH 100 EAST	
ALAN L. TANNER	6-21-13	
<i>Zephaniah News</i>	79 W 620 S Apt 1	
Stephanie J Spencer	6/24/2013	
BRITTANY THOMPSON	79 W. 620 S. #3	6/24/13
<i>BRITTANY THOMPSON</i>		
<i>CHAD WALKER</i>	79 W. 620 S. #4	6/24/13
<i>CHAD WALKER</i>		
Landen Thompson		
<i>Landen Thompson</i>	79 W 620 S #3	6/24/13

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Betty M. Carroll	Betty M. Carroll	618 S. 150 E.	June 29, 2013
Gary T. Carroll	GARY T. CARROLL	618 S. 150 E	29 June 2013
	D. E. Brennan	497 S 150 E	" " "
Karen Clark	Karen Clark	130 E. 650 So.	29 June 2013
Brent Clark	Brent Clark	130 E. 650 So.	29 JUN 2013
David V. Meadows	David V. Meadows	120 E. 650 So.	29 June 2013
Maria Zamora	MARIA Zamora	113 E 650 S	June 2013
Teresa Trusty	Teresa Trusty	626 So 100 E	June 29 2013
Sam Stoneman	Sam Stoneman	12 E 620 S	July 6, 2013
Kelli Stoneman	Kelli Stoneman	12 E. 620 S	July 6, 2013

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<u>Sign</u>	<u>Print</u>	<u>Address</u>	<u>Date</u>
<i>Lynnsi Vernon</i>	Lynnsi Vernon	410 S. 200E	6/27/13
<i>Kimberly Farley</i>	Farley	776 620 S Farmington UT 84025	6-27-13
<i>Lisa Hyatt</i>	Lisa Hyatt	670 S. 200E	6/27/13
<i>Kim Trauss</i>	Kim TRAUSS DEP. PM RETIRED	188 E. 700 S.	6/27/13
<i>Beth Parker</i>	Beth Parker	188 E. 700 S.	6/27/13
<i>Sandra Herrera</i>	Sandra Herrera	171 E 200 S	6-27-13
<i>Janna Tolman</i>	Janna Tolman	56 E. 700 S.	6-27-13
<i>Edyquist</i>		676 S 100 E	6-27-13
<i>540 S. 700 E</i>		Farmington	6-27-13