

**DRAFT MINUTES FOR THE REGULAR MEETING  
ASHLAND CITY COUNCIL  
MAY 15, 2018  
Council Chambers  
1175 E. Main Street**

**I. CALL TO ORDER**

Mayor Stromberg called the Council Meeting to order at 7:00 PM.

**II. PLEDGE OF ALLEGIANCE**

**III. ROLL CALL**

Councilor Morris, Slattery, Seffinger and Rosenthal were present. Councilor Bachman and Jensen were absent.

**IV. MAYOR'S ANNOUNCEMENTS**

Mayor announced the current Commission vacancies.

**V. APPROVAL OF MINUTES**

1. Study Session of April 30, 2018
2. Business Meeting of May 1, 2018

**Slattery/Rosenthal moved to approve the minutes.** Discussion: None. All Ayes. **Motion passed unanimously.**

**VI. SPECIAL PRESENTATIONS & AWARDS**

1. Bike Month Proclamation and National Bike to Work Week.

Councilor Seffinger read the proclamation (*see attached*).

2. Annual Presentation by the Wildfire Mitigation Commission  
Wildfire Mitigation Commissioner, Bruce Moats and Staff Liaison, Alison Lerch presented Council with an update on the Wildfire Mitigation Commission.  
Ms. Lerch announced that last week 13,000 copies of latest Ashland emergency preparedness guide were sent to Ashland residents.

3. Annual Use of Force Report

Police Chief, O'Meara gave the annual report on use of force (*see attached*).

Council discussed service calls. Chief O'Meara explained that in 2016 there were 21,000 calls for service and in 2017 it went up to 27,000 calls for service.

The Use of Force Review Board was discussed.

**VII. MINUTES OF BOARDS, COMMISSIONS, AND COMMITTEES**

[Airport](#)

[Conservation](#)

[Forest Lands](#)

[Historic](#)

[Housing and Human Svcs.](#)

[Parks & Recreation](#)

[Planning](#)

[Public Arts](#)

[Transportation](#)

[Tree](#)

[Wildfire Mitigation](#)

**VIII. PUBLIC FORUM** Business from the audience not included on the agenda.  
(Total time allowed for Public Forum is 15 minutes. The Mayor will set time limits to enable all people wishing to speak to complete their testimony.) [*15 minutes maximum*]

Kelly Mariotulli – Ashland –Spoke to have a moratorium on 5G Cell Tower at SOU. She gave a handout to Council (*see attached*).

Clarinda Merripen-Ashland- Explained that she is the owner of the Black Sheep. She spoke regarding new recycling laws. She also spoke against having an Entertainment tax.

Allan Widmeyer-Ashland –Spoke against having the Smart Electrical Meters. He explained that it is affecting the health to everyone in the City. He explained the dangers of electric frequency and urged Council to rid of the meters (*see attached*).

Ivy Ross- Ashland-Spoke against the SOU Cell Tower. She spoke to her concerns of the Smart Meters. She spoke to the importance of advocating transparency in the community and people having the ability to opt in or opt out. She suggested a moratorium.

Unmani Cynthia Groves-Ashland –Spoke in concern of the Smart Meters. She suggested to replace the Smart Meters with Analog Meters. She gave a handout to Council (*see attached*).

Jeff Sharpe-Ashland- Spoke to encourage Council to fulfill the 10x20 Ordinance. He spoke to the importance and benefits of the 10x20 Ordinance. He spoke that this project is important for the community and economic development. He asked Council to consider directing staff to take the steps necessary to move forward.

Donna Swanson- Ashland-Spoke in agreement with Ms. Groves statements.

Huelz Gutcheon-Ashland – Spoke to the changes in the natural solar market. He spoke that there is no need for smart meters. He spoke that in the last 4 years the solar market as a whole has continued to grow. He spoke that the 10x20 needs to have a surveyor and analysis to move forward.

Councilor Slattery questioned if there has been a policy change regarding the meters. Interim City Administrator, Adam Hanks explained that the policy hasn't changed and there is a form that you can fill out to opt out and have the option of an analog meter.

**IX. CONSENT AGENDA**

1. Appointment of Audit Committee Member
2. Annual reappointments to Commissions, Committees and Boards

Councilor Slattery pulled this item. Slattery spoke that these terms ended at the end of April proposed for the future to have it done sooner. Mayor Stromberg explained that the Administrative Assistant is gone so there has been a delay in the process.

3. Natural Hazards Mitigation Plan Approval

Councilor Seffinger spoke to the importance of this document and thanked David Shepard for his work.

4. Intergovernmental Agreement with Jackson County to Chip Seal East Main Street and Scenic Drive

**Public Input:**

Ted Hall and Susan Hall -Ashland-Read a letter into the record regarding astonishment that David Young was not on the list for reappointment (*see attached*).

**Seffinger/Morris moved to approve the Consent Agenda.** Discussion: None. All Ayes. **Motion passed unanimously.**

**X. PUBLIC HEARINGS** (Persons wishing to speak are to submit a “speaker request form” prior to the commencement of the public hearing. Public hearings shall conclude at 9:00 p.m. and be continued to a future date to be set by the Council, unless the Council, by a two-thirds vote of those present, extends the hearing(s) until up to 10:30 p.m. at which time the Council shall set a date for continuance and shall proceed with the balance of the agenda.)

1. Land Use Decision amending the Comprehensive Plan Map designation and zoning for 475 East Nevada Street

Mayor Stromberg read a script (*see attached*).

Councilor Morris declared that he drove by the property and spoke with Mike Dockins. He read a statement into the record: ***“I have not prejudged this application and I am not prejudiced or biased by my prior contacts or involvement or by any personal considerations; I will make this decision based solely on the public interest and the application of the relevant criteria and standards to the facts and evidence in the record of this proceeding.”***

Senior Planners, Derek Severson and Brandon Goldman presented Council a PowerPoint (*see attached*).

Council discussed the exception

Mr. Goldman explained that Staff recommends to require the 3 smaller units over the garage as an optional condition, approve First Reading of the Ordinance and move to Second Reading.

**Applicant**

Amy Gunter- Medford –Rogue Planning and Development Services, LLC Spoke regarding the findings. She explained final plan approval, site design approvals, inspections still need to be done. She spoke regarding the request to require the 3 additional units above the garage.

She spoke in concern to the impacts of purchasers getting a loan for a duplex and not a single family residence.

She spoke regarding a letter submitted from Brian and Joanne Johns regarding transportation impacts (*see attached*).

She explained that the proposal shown to not have negative impacts on the intersections. She spoke of the

importance of Ashland dealing with the housing crisis.

### **Public Input**

None.

Mayor Stromberg closed the Public Hearing at 8:43 PM

### **Rebuttal**

None

### **Staff & Council Comments**

Councilor Morris questioned if development changes; does the zone change. Mr. Goldman explained that a zone change approval would be done in the final plan provision.

Mr. Severson addressed the traffic issues. He explained that there was a traffic study done and the design was for at least 3000 or more vehicle trips a day. When the study was done in 2017 only 107 trips were counted.

**Morris/Slattery moved to direct Staff to prepare written findings for approval of the proposed Comprehensive Plan Map Amendment and Zone Change, and to incorporate the findings for the Planning Commission's decision, for Council adoption on June 5, 2018.** Discussion: Morris spoke that it is time to move forward. Slattery agreed. He spoke that to the importance of getting affordable housing. Seffinger spoke that she would be happier with this proposal if the annexation request had at least one of the units was certified aging and lifelong housing program.

**Seffinger moved to amend the main motion to require one unit to be as certified aging and lifelong housing program. Motion died due to no second.**

**Morris moved to amend the motion to add the condition to include ADUs as recommended by staff. Motion died due to no second.**

**Roll Call Vote to main motion: Councilor Morris, Slattery Seffinger and Rosenthal: YES. Motion passed unanimously.**

**Slattery/Morris moved approval of first reading of the Ordinance and scheduling of second reading of the Ordinance for June 5, 2018.** Discussion: Mr. Severson read the Ordinance Title: "An Ordinance amending the Comprehensive Plan Map Designation and Zoning for the properties located at 475 East Nevada Street". **Roll Call Vote: Councilor Rosenthal, Morris, Slattery and Seffinger: YES. Motion passed unanimously.**

### **XI. UNFINISHED BUSINESS**

1. None

### **XII. NEW AND MISCELLANEOUS BUSINESS**

1. Purchase of Real Property at 1291 Oak Street

Public Works Director, Paula Brown gave a Staff report. She explained that the City could close on the property on June 30<sup>th</sup> pending Council decision tonight. She spoke that the B Street yard assessment has

been done. She spoke that the appraisal came in at \$1.8-1.9 million.

Council discussed possible uses for the property.

**Rosenthal/Morris approval to authorize the purchase of 1291 Oak Street, and direct the Interim City Administrator to sign final closing documents at a purchase price of \$1,200,000.** Discussion: Rosenthal thanked Staff for their work on this. He spoke to the multiple opportunities this will bring to the City. Morris agreed with Rosenthal. Seffinger spoke in agreement with Rosenthal and Morris. She spoke that this property could possibly be used for affordable housing. **Roll Call Vote: Councilor Rosenthal, Morris, Slattery and Seffinger: YES. Motion passed unanimously.**

## 2. City Administrator Recruitment Process Update

Human Service Director, Tina Gray gave a Staff report.

Ms. Gray went over the proposed selection criteria.

**Slattery/Seffinger moved to adopt the criteria as presented.** Discussion: Slattery spoke that this was a good step to keep things moving. Seffinger spoke in support of the criteria. **Roll Call Vote: Councilor Rosenthal, Morris, Slattery and Seffinger: YES. Motion passed unanimously.**

## 3. Transportation and Growth Management Grant for Downtown Improvements

Ms. Brown gave a brief Staff report. She spoke that she worked with ODOT on this and explained that they are in support of the project. She spoke to the benefits of the possible improvements.

**Slattery/Morris moved approval to authorize submission of the City's TGM grant application and a signature on the letter of support.** Discussion: Slattery spoke in support of the plan. Morris spoke in support but doesn't like the idea of jurisdictional change unless they fix Water Street. Bachman spoke in concern of parking and permitted parking in residential areas. Rosenthal spoke that he will support the motion. He spoke that Ashland is ready for change when it comes to renovating the downtown. **Roll Call Vote: Councilor Rosenthal, Morris, Slattery and Seffinger: YES. Motion passed unanimously.**

### **XIII. ORDINANCES, RESOLUTIONS AND CONTRACTS**

#### 1. Civic Donations Policy

City Attorney, David Lohman gave a brief staff report.

**Seffinger/Morris moved to approve the proposed Policy on Acceptance of Donations.** Discussion: Seffinger spoke in support of the changes to the policy. Morris agreed with Seffinger. **Roll Call Vote: Councilor Rosenthal, Morris, Slattery and Seffinger: YES. Motion passed unanimously.**

### **XIV. OTHER BUSINESS FROM COUNCIL MEMBERS/REPORTS FROM COUNCIL LIAISONS**

### **XV. ADJOURNMENT OF BUSINESS MEETING**

**The Business Meeting was adjourned at 9:40**

**Respectfully submitted by:**

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**City Recorder, Melissa Huhtala**

**Attest:**

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**Mayor Stromberg**

*In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Administrator's office at (541) 488-6002 (TTY phone number 1-800-735-2900). Notification 72 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to the meeting (28 CFR 35.102-35.104 ADA Title I).*

## PROCLAMATION

- PEOPLE riding bicycles is a viable and environmentally sound form of transportation and an excellent form of recreation.
- Approximately 60 percent of Rogue Valley residents ride bikes through educational programs, races, trail riding, and charity events as well as daily activities such commuting, running errand, visiting friends, or just getting out and going for a ride.
- Bicycling provides economic, health, and scenic benefits to citizens of Jackson County and the world.
- Oregon hosts 54 or more major bicycle events, including the local Up and Down Ride, and promotes bicycle tourism that attract thousands of cross-country and local bicyclists each year.
- These bicycling activities and attractions have great potential to have a positive impact on Southern Oregon's economy and tourism industry and to stimulate economic development by making the region attractive to businesses and citizens who enjoy the out of doors and healthy lifestyles.
- Creating bicycle-friendly communities has been shown to improve citizens' health, well-being, and quality of life, to boost community spirit, to improve traffic safety, and to reduce pollution and congestion.
- May has been declared National Bike Month for each of the last 61 years, and is so again in 2018.
- The League of American Bicyclists, bicycle clubs, schools, parks and recreation departments, police departments, hospitals, companies and civic groups throughout Oregon will be promoting bicycling as a leisure activity as well as an environmentally-friendly alternative to the automobile during the month of May.
- The education of bicyclists and motorists as to the proper and safe operation of bicycles is important to ensure the safety and comfort of all road users.
- The creation of an "all ages and abilities" bicycle network is essential to creating a transportation system that is suitable for people of all ages and abilities to safely and confidently ride a bike.
- Oregon law provides, through ORS 811.065, special passing requirements for motorists and require that the separation distance must be equal to the "fall-over" height of the cyclist:

**NOW THEREFORE, the City Council and Mayor, on behalf of the citizens of Ashland, do proclaim the Month of May 2018 as National Bike Month and the week of May 14-18, 2018 as Bike to Work Week. And urges all who support bicycling to participate in the events planned and urges all local and state roadway jurisdictions to ensure that bike facilities serve all ages and abilities.**

**Dated this 15<sup>th</sup> day of May, 2018**

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**John Stromberg, Mayor**

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**Melissa Huhtala, City Recorder**



# Council Business Meeting

May 15, 2018

**Title:** Ashland Police Department's Annual use of Force Report  
**From:** Tighe O'Meara Police Chief  
Tighe.omeara@ashland.or.us

## **Summary:**

Since 2008 the police department has come before Council to provide an annual use of force report. This presentation has grown in scope and now includes use of force, crime and clearance rates and an update on the enhanced law enforcement area (ELEA).

## **Actions, Options, or Potential Motions:**

No action is necessary.

## **Staff Recommendation:**

N/A

## **Resource Requirements:**

N/A

## **Policies, Plans and Goals Supported:**

47. Keep the Council informed of organizational activity and provide timely information for Council decision-making.

## **Background and Additional Information:**

During 2017 the Police Department used force 13 times. This represents a 56% decrease from 2016, but also puts the department on par with 2015. There was one instance of the Taser conducted energy weapon being used in 2017. There were three instances of the use of pepper spray in 2017. The less lethal shotgun bean bag round was not deployed at all in 2017. The straight baton was used in one case in 2017. There were four instances of officers being injured, with all of the injuries being fairly minor. In one of these instances the officer received medical treatment and was placed on light duty for a short period. Of the 13 instances of use of force, seven resulted in the prisoner complaining of an injury. All of those complaints were minor in nature, and in no case did the prisoner require medical care. Fifty-four percent of the use of force incidents involved a person under the influence of drugs or alcohol. Sixty-nine percent of the use of force incidents occurred at night time. In 2017 APD handled over 27,000 calls for service and generated 4,436 case reports. This means that less than one half of one percent of the cases that were handled by the APD resulted in a use of force.

The department's use of force review board reviewed all instances of the use of force. Twelve of the thirteen incidents were deemed to be entirely within policy. One of the reviews resulted in the board finding that a different amount of and type of force should have been employed, as well as

different tactics in handling the call. In this case the officer received corrective coaching. In this isolated incident the suspect was not injured and complained of minor pain.

During 2016 Ashland officers received a total of 693.5 hours of use of force training.

Crime rate is based on the number of part one crimes occurring in a jurisdiction. Part one crimes are those that are reported annually to the FBI for inclusion into the Uniform Crime Report. They are homicide, rape, robbery, aggravated assault, burglary, auto theft, arson and larceny. In 2017 the city saw a total of 799 part one crimes. This is down slightly from the 829 reported in 2016. For further comparison in 2015 the PD took 639 part one cases, in 2014 we took 629 and 2013 we took 694. Violent crime is defined as homicide, rape, robbery and aggravated assault. There were 40 violent crimes reported to the Ashland Police Department in 2017, practically equal with the 39 seen in 2016. And still up from 20 reported in 2015. Clearance rates for part one crime remain high at 36%. Clearance rates for violent crime remains very high at 80%.

The Enhanced Law Enforcement Area (ELEA) ordinance has been in effect since August of 2012. The ELEA is roughly defined as downtown. In this area we see a concentrated number of complaints and disorderly behavior as this is the focal gathering point for many members of the community. A conviction of three or more qualifying violations (or crimes) in Ashland Municipal Court within a six-month period may result in a person being expelled from the downtown area. The qualifying violations are: scattering rubbish; unnecessary noise; dogs-control required; consumption of alcohol; open container of alcohol; dog license required; or use of marijuana in public. In 2017 there were 359 ELEA violation convictions in the municipal court. There were 15 people expelled from the downtown area and there were six people charged with persistent violator failure to appear under the city ordinance. The ELEA continues to be a valuable tool to address chronic negative behavior.

**Attachments:**

None

Kelly

## Cell Tower Health Risks



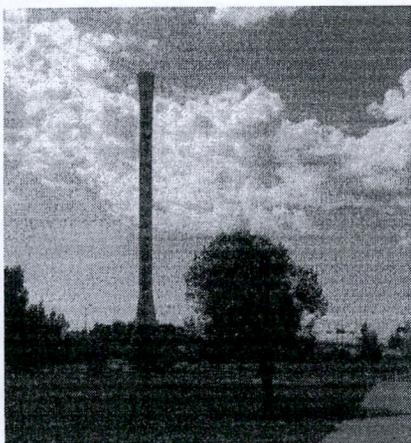
Cell Towers are the base stations which control cell (or mobile) phone communication. The term "cell site" can also be used – to include all cell phone towers, antenna masts and other base station forms.

Each cell tower serves a small area around it, known as a cell. Service providers are scrambling to improve their coverage and to service more users, so they need to keep on building more cell sites.

Increased cellphone traffic also contributes to cell tower density. When a cell becomes too busy, a frequent solution is to divide it into smaller cells, which then require more cell sites.

There are over 300,000 cell sites in the USA alone, and in the U.K. over 60,000, and these figures are more than doubling every 10 years.

### Cell tower radiation from chimneys?



Cell sites may take the form of a mast or tower, but may also be disguised, in some cases so they cannot be visually discerned at all.

You might notice the camouflaged “trees”, but perhaps not the cell sites on top of buildings, looking like elongated loudspeaker boxes.

You’d very likely fail to notice cell sites installed around chimneys, church steeples, even flagpoles. I have even seen a small cell site installed on the wall of a private house. No doubt the owner was collecting a useful rental, and probably had some screening from the radiation.

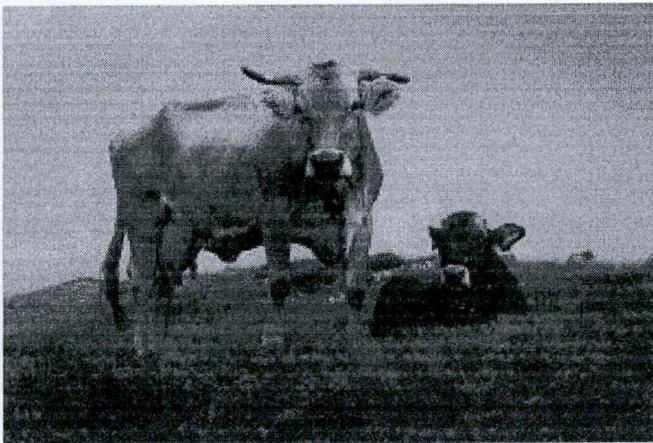
But his neighbors were unprotected.

**Where a base station is installed on top of a building where people live or work, those people are usually quite unaware that there is a cell site close by, and of the high levels of radiation that they are subjected to every day.**

## **Cell tower health dangers**

The cellular phone industry continues to maintain that cell phone towers pose no health risk, but fewer people believe that these days. Almost all scientists in this field would disagree that cell towers are safe, except those employed by the industry, perhaps.

**There is strong evidence that electromagnetic radiation from cell phone towers is damaging to human (and animal) health.**



Example: A study into the effects of a cell tower on a herd of dairy cattle was conducted by the Bavarian state government in Germany and published in 1998.

The erection of the tower caused adverse health effects resulting in a measurable drop in milk yield.

Relocating the cattle restored the milk yield. Moving them back to the original pasture recreated the problem. [DairyCowStudy.pdf](#).

A human study (Kempton West) in 2007 measured blood levels of serotonin and melatonin (important hormones involved in brain messaging, mood, sleep regulation and immune system function) both before, and five months after, the activation of a new cell site.

Twenty-five participants lived within 300 meters of the site. Substantial unfavorable changes occurred with respect to both hormones, in almost all participants. [Kempton West Study](#).

## Can Cell Towers Cause Cancer?

A study performed by doctors from the German city of Naila monitored 1000 residents who had lived in an area around two cell phone towers for 10 years. During the last 5 years of the study they found that those living within 400 meters of either tower had a newly-diagnosed cancer rate three times higher than those who lived further away.

Breast cancer topped the list, but cancers of the prostate, pancreas, bowel, skin melanoma, lung and blood cancer were all increased. [NailaStudy.pdf](#)



**Very few studies have specifically concentrated on cancer risk from cell phone towers. This lack of studies is in itself a cause for concern, especially since anecdotal evidence is plentiful.**

For example, in a case known as “Towers of Doom”, two cell masts were installed (in 1994) on a five story apartment building in London. Residents complained of many health problems in the following years. Seven of them were diagnosed with cancer.

The cancer rate of the top floor residents (closest to the tower) was 10 times the national average. Further info.

Even the World Health Organization has conceded that radio-frequency radiation may cause cancer. See this report.

If cell towers are causing cancer, you would expect it to occur after several years of exposure, because damage from radiation exposure accumulates over time. Cancer only occurs when all body defenses and repair mechanisms have been exhausted and overwhelmed.

During those years, our bodies would be stressed by that radiation every day. This affects our health in other ways, too.

## **Other Cell Tower Health Effects**

Individuals differ in their response to electromagnetic radiation.

**For some people, short term effects from cell tower radiation exposure may include headaches, sleep disorders, poor memory, mental excitation, confusion, anxiety, depression, appetite disturbance and listlessness.**

A small group of doctors from Bamberg, Germany, conducted their own study in 2005. They found increasing levels of both minor and serious health problems in patients exposed to higher radiation levels.

These health problems included tumors, diabetes, heart rhythm disturbances, inflammatory conditions, joint and limb pains, frequent infections, headaches, sleep disturbances, depression and memory problems.

Makes you wonder how much more information would be revealed by a well-designed and well-funded government study!

So don't just worry about cancer. Those doctors found that all kinds of illnesses showed a similar pattern: a higher incidence in patients with higher radiation exposure.

The American Academy of Environmental Medicine reports that studies demonstrate “significant harmful biological effects occur from non-thermal RF exposure”, and these effects may include genetic damage, reproductive defects, cancer, neurological degeneration and nervous system dysfunction, immune system dysfunction, cognitive

effects, protein and peptide damage, kidney damage, and developmental effects – all of which have been reported in peer-reviewed scientific literature. [Further Info](#).

## **Legal Cell Tower Radiation Levels**

The current legal limit for cell site radiation in the US and the UK is 1000 microwatts per square centimeter.

Other countries have set limits as low as 1 microwatt per square centimeter! Switzerland, Italy, China and others manage perfectly well with a limit of 10 microwatts per square centimeter.

Why such a huge difference? It appears that some governments are more concerned about EMF safety than others.

The truth is that no one really knows what level of cell tower radiation will prove to be safe in the long term.

But isn't that a good reason to set a low limit, not a high one?

It appears that current EMF limits in the US and UK may have been influenced more by economic and political motives than by health and safety concerns.

### **Cell towers safe distance**

It is hard to predict how much radiation you will experience in your house or workplace.

- Different cell sites emit different amounts of radiation.
- Radiation levels from a single cell site also vary, depending on usage at different times of the day.
- Radiation from a single cell tower may be different in different directions.
- Radiation is affected by the lie of the land too, and by shielding and reflections from buildings.
- And finally, the construction of your house affects its resistance to radio-frequency EMF.

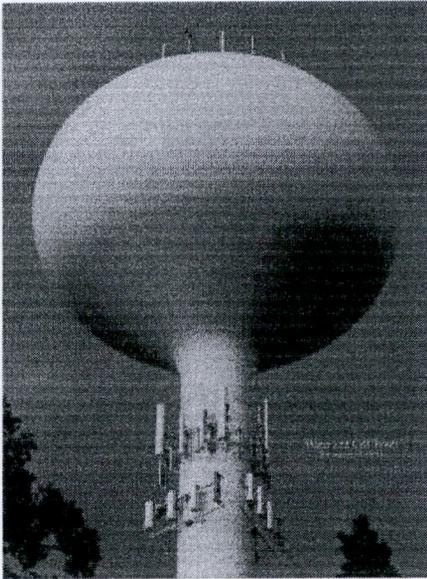
It can also happen that the cell tower you are aware of in your neighborhood is not actually the closest cell site to your house.

Cell sites are often disguised. And many units are much smaller than the old familiar towers (though not necessarily less potent), and installed in unexpected locations.

So start off by making a careful check of your area, to find all the cell sites. Then use a map to work out the distance from each cell site to your house.

If the closest cell site is more than 400 meters away, you are probably not being harmed by it – although high risk groups and electro-sensitive people may need to be more cautious.

## Cell tower – Personal Protection



If you are still concerned, try to get hold of an RF (radio frequency) gauss meter designed for measuring electromagnetic radiation in the cell phone frequency (microwave) range.

Another alternative is to order an EMF survey of your property. (EM Watch conducts EMF surveys in the southern half of England.)

Be aware that in every house there are rooms (and areas within rooms) where EMF radiation is higher or lower, just as some parts of your house may be brighter or darker because of window placement.

An EMF meter, or a survey will tell you which places in your home are safe, and which are not ideal for spending lots of time in.

When you next change your job or your house, find out how far away you are going to be from the nearest cell site, and let that influence your decision. Do the same when you decide where to send your child to school.

If you are still worried about cell tower radiation – here are some things you can do

- Spend less time in rooms where you can see the tower from a window. Rooms on the far side of the house from the tower will usually have lower EMF levels.

- EMFs are cumulative. You can't control the radiation coming from the cell tower, but do what you can to reduce EMF from other sources.
- Get a radio-frequency EMF meter and measure the radiation levels in different parts of your house. (Measurement with a suitable meter is the only sure way to know how much radiation you are receiving at any particular spot.)
- Consider shielding to reduce cell tower EMF – it can be shielded with special window film, metallic mesh curtaining, EMF paint, and metal foil in the roof.

High EMF levels are but one source of stress to the body. If your options for reducing EMF are limited, you can help your body in other ways, for example by minimizing exposure to other kinds of pollution in your air, water and food.

Good nutrition, exercise, and plenty of quality sleep will help your body repair radiation damage.

For more suggestions see our page [EMF Protection Tips](#).

**In the long term, we need to find ways of providing cell phone services without exposing people to high levels of cell tower and cell phone radiation.**

You may find these articles helpful:

[Power Lines and Sub-Stations](#)

[EMF Protection Tips](#)

[EMF Health Effects](#)

[Cell Phones](#)

[Smart Meters](#)

[What EMF Does to You](#)

[Measure Radio-Frequency Radiation](#)

<http://mieuxprevenir.blogspot.com/2012/11/san-diego-state-university-brain-cancer.html>

18 November 2012

## **San Diego State University Brain Cancer Cluster from Cell Tower?**

*31 May 2013: This recent example from France is related to the post which follows:*

*After two cases of cancer in children in the same village of 1,850 inhabitants in the north of France, members of three health agencies, including radiofrequency experts, travelled to the village to hold a public meeting on 22 May 2013 on this issue. Parents felt that the cause may be due to the presence of three mobile phone antennas near the school. One agency is ANSES, the French National Agency for Health, Environment, and Safety. Although not convinced that the mobile phone antennas may be the cause of the cancer, "we are not waiting until a third cancer declares itself," said the regional delegate of Priartem, a national association for the regulation of placement of mobile phone antennas. She is outraged by the manner in which health monitoring is practiced by agencies when confronted with cancer clusters, defined as several cases of cancer (generally of the same type) observed within a group of individuals in a more or less limited geographical area and over the course of a limited period of time."*  
*(Ref: "Radiofréquences : trois agences sanitaires font de la pédagogie", Journal de l'environnement, 17 May 2013.)*

***Has any health authority seriously investigated the cancer cluster at SDSU?***

***A mother talks about her 29-year-old son and others at San Diego State University (SDSU) who died of brain cancer within two years of exposure. SDSU remains silent and San Diego journalists will not report the story.***

***Please also see this article by Rich's mother, Virginia Farver.***



**Rich Farver**

**Testimony of Virginia Farver, Fort Collins, Colorado**

Posted on EMR Action Day site – 21 April 2012

I lost my beautiful, 29-year-old son Rich to glioblastoma multiforme (GBM) brain cancer on October 11, 2008.

Early in 2008, Rich was working as a teaching assistant in Political Science at San Diego State University (SDSU), where he had received his master's degree. He was a very kind young man who would occasionally go golfing with the professors.

He was in the process of applying for law school, but had confided to me, "I don't know that I can make it through law school because I can't remember things." He was having headaches, memory problems, nosebleeds and excessive sweating and fatigue. I had been noticing that something was off with him. He needed to sleep all the time. There was a blood vessel coming from the right side of his head through his hairline and protruding across this forehead. His girlfriend Jennifer told me he would sleep for hours, curled up like a cat during the day by the patio window. This was not like him.

At the time of Rich's GBM diagnosis in March 2008, Dr. V. Tantuwaya from Poway, CA told us that his cell phone was the culprit. Rich's tumor was

located in his right frontal lobe and he was right-handed. This is referred to as an ipsilateral tumor, one on the same side as where the phone was held.

Rich wanted to live. He had always been a good kid, never drank or did drugs. At 6'2", he'd been on varsity basketball in high school, and was very healthy. So cancer was unthinkable. I told Rich I'd do anything to keep him alive. But after surgery, chemo and radiation, with nine MRIs, multiple hospitals and hospice, he died, seven months following diagnosis.

I learned that similar brain cancers were happening to others on campus. An English teacher, Laurel Amtower, thanked SDSU colleagues for their support before she went through chemo and radiation. She died, too, leaving a 12-year-old daughter. She didn't realize that some she thanked were probably partly responsible for her death.

On August 7, 2009, nine months after Rich's death, I found articles and a video about a "Brain Cancer Cluster on the San Diego State University Campus." I read these (listed below) several times before ending up on the floor. I contacted the SDSU Administration, but was bounced around from one person to another. I then drove to San Diego and stayed the whole month of October 2009. I met off-campus with some professors mentioned in the articles. They told me they had asked for a toxicology study, as there is a huge cell tower right next to the building where Rich spent most of his time grading papers and doing research: Nasatir Hall.

After I returned home, the SDSU Administration sent me an epidemiological report written by a Dr. Thomas Mack. In the third paragraph, Dr. Mack stated he has, "no known knowledge of any chemical or radiation concerns and therefore there are none." That's not a scientific conclusion, it's a cover-up.

I e-mailed Dr. Mack, and he called me at home! I asked him about this cell tower on top of the Communications Building. This rises over Nasatir Hall, where most of the brain cancer victims were located. Dr. Mack quickly denied the connection to the cancer cluster. I then told him of everyone's concerns. He said, "They should be concerned." This made me furious. It didn't make any sense. And the SDSU Administration would not conduct a toxicology study because of Dr. Mack's report! Like some professors, I have requested a study on several occasions, but have received no response.

I then looked into the tower on my own. Owned by Sprint, it has HPWREN or High Performance Wireless Research and Educational Network on it, with a BackBone Node to the UC-SD Supercomputer Center. It also has a GWEN, or Ground Wave Emergency Network, with emissions known to hug the ground. These towers are capable of sending signals hundreds of miles, including to several remote laboratories across California. There is an additional tower on campus on the KPBS News Station. Similar towers are on many college campuses across the US, via the Lambda or Tera Grid, also called the 'smart' grid. Engineers are developing "smart", or "AMI" meters, appliances and whatever else they can dream up to deploy microwave radiation everywhere. This grid is the "military-industrial complex" of which President Dwight Eisenhower warned US citizens of in his 1961 Farewell Speech. He warned of its grave consequences. I know of these consequences.

After Laurel Amtower died of brain cancer on August 29, 2010, I contacted NBC in San Diego. At first, Producer Paul Krueger was interested in doing another story. After I gave him this new information, SILENCE.

I then contacted the San Diego Tribune. A reporter called me at home. He told me that this story would NEVER get out in San Diego. I asked, "Why?" He said, "Because of money." I also contacted the CA Governor's office and area Representative Marti Emerald. Both referred me back to SDSU.

For a month in October 2011, I stood hours each day outside the campus cafeteria, where the kids would congregate and walk to get to their classes. I had about 15 signs taped up against the wall. One said, "Will you be the next victim?" Others said, "Read your cell phone manuals. They say not to hold the phone to your head. Don't keep it in your pocket. It will do genetic damage." Others warned about Wi-Fi and more.

They looked frightened, but they would still grab their cell phones. They would text while walking and ignore everything around them. Some would take pictures, or would peek out of the side of their eyes. A few talked with me.

While there, I walked to Nasatir Hall. Kids were sitting all around. The leaves were dying on the trees. Measurements on an RF meter were beyond the range of the meter. Some kids were high up on outdoor balconies at their dorms, near the levels of the massive discs and antennas on the towers.

When I went directly to Room 131, where Rich and others who died of cancer had worked, I found it all closed up. A policeman asked me what I was doing there. I told him about my son. He asked me about the towers and told me he has two young children.

**The known SDSU brain cancer victims are listed below.** In addition to the brain cancers there are also breast cancers in the vicinity. The professors are afraid for both their health and their jobs. I've told the SDSU Administration, "I'm not going away!"

- RICH FARVER - DIAGNOSED AND DIED FROM GBM BRAIN CANCER, 2008/ NASATIR HALL, ROOM 131
- CHARLES CUTTER - DIAGNOSED AND DIED FROM GBM BRAIN CANCER, 2008/ NASATIR HALL, ROOM 131
- LOU TERRELL - DIAGNOSED WITH LYMPHOMA BRAIN CANCER, 2008/ NASATIR HALL, ROOM RIGHT NEXT TO 131
- DWIGHT ANDERSON - DIAGNOSED WITH DIFFERENT FORM OF CANCER AND DIED 2008/ NASATIR HALL, ROOM 131
- RICHARD FUNSTON - DIAGNOSED AND DIED FROM GBM BRAIN CANCER IN 90'S WITH CELL TOWER PRESENT/ NASATIR HALL, ROOM 131
- MRS. KATHY O'HARA - DIAGNOSED WITH GBM BRAIN CANCER MAY 2008/ KPBS NEWS STATION ON CAMPUS
- MS. LAUREL AMTOWER - DIAGNOSED WITH GBM NOVEMBER 2009, DIED AUGUST 29, 2010/ ARTS AND LETTERS BUILDING, RIGHT NEXT TO NASATIR HALL

SDSU brain cancer articles and video: (some of these may have already disappeared from the Internet)

[www.nbcsandiego.com/news/local-beat/Coincidence-or-Cluster.html](http://www.nbcsandiego.com/news/local-beat/Coincidence-or-Cluster.html)  
[www.nbcsandiego.com/news/health/SDSU\\_Room\\_Haunted\\_by\\_Cancer\\_San\\_Diego.html](http://www.nbcsandiego.com/news/health/SDSU_Room_Haunted_by_Cancer_San_Diego.html)

[www.healthjournalism.org/blog/tag/brain-cancer](http://www.healthjournalism.org/blog/tag/brain-cancer)

[www.healthjournalism.org/blog/2009/03/san-diego-cancer-clusters-hazard-](http://www.healthjournalism.org/blog/2009/03/san-diego-cancer-clusters-hazard-)

[O...](#)

<http://emractionday.org/story/virginia-farver-fort-collins-co-us>

Mrs. Farver may be contacted at:

Virginia Farver

vrfarv@hotmail.com

970-689-3798 corded landline only

# Scientists warn of potential serious health effects of 5G



September 13, 2017

We the undersigned, more than 180 scientists and doctors from 35 countries, recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry. 5G will substantially increase exposure to radiofrequency electromagnetic fields (RF-EMF) on top of the 2G, 3G, 4G, Wi-Fi, etc. for telecommunications already in place. RF-EMF has been proven to be harmful for humans and the environment.

(Note: [Blue links](#) below are references.)

## 5G leads to massive increase of mandatory exposure to wireless radiation

5G technology is effective only over short distance. It is poorly transmitted through solid material. Many new antennas will be required and full-scale implementation will result in antennas every 10 to 12 houses in urban areas, **thus massively increasing mandatory exposure.**

With "[the ever more extensive use of wireless technologies](#)," nobody can avoid to be exposed. Because on top of the increased number of 5G-transmitters (even within housing, shops and in hospitals) according to estimates, "[10 to 20 billion connections](#)" (to refrigerators, washing machines, surveillance cameras, self-driving cars and buses, etc.) will be parts of the Internet of Things. All these together can cause a substantial increase in the total, long term RF-EMF exposure to all EU citizens.

## Harmful effects of RF-EMF exposure are already proven

[More than 230 scientists from 41 countries](#) have expressed their "serious concerns" regarding the ubiquitous and increasing exposure to EMF generated by electric and wireless devices already before the additional 5G roll-out. They refer to the fact that "numerous recent scientific publications have shown that *EMF affects living organisms at levels well below most international and national guidelines*". Effects include increased cancer risk, cellular stress, increase in harmful free radicals, genetic damages, structural and functional changes of the reproductive system, learning and memory deficits, neurological disorders, and negative impacts on general well-being in humans. Damage goes well beyond the human race, as there is growing evidence of harmful effects to both [plants](#) and [animals](#).

After the scientists' appeal was written in 2015 additional research has convincingly confirmed serious health risks from RF-EMF fields from wireless technology. The world's largest study (25 million US dollar) [National Toxicology Program \(NTP\)](#), shows statistically significant increase in the incidence of *brain and heart cancer* in animals exposed to EMF below the ICNIRP (International Commission on Non-Ionizing Radiation Protection) guidelines followed by most countries. These results support results in human epidemiological studies on RF radiation and brain tumour risk. [A large number of peer-reviewed scientific reports](#) demonstrate harm to human health from EMFs.

The International Agency for Research on Cancer (IARC), the cancer agency of the World Health Organization (WHO), in 2011 concluded that EMFs of frequencies 30 KHz – 300 GHz are possibly [carcinogenic to humans \(Group 2B\)](#). However, new studies like the NTP study mentioned above and several epidemiological investigations including the latest studies on mobile phone use and brain cancer risks confirm that [RF-EMF radiation is carcinogenic to humans](#).

The [EUROPA EM-EMF Guideline 2016](#) states that "there is strong evidence that *long-term exposure to certain EMFs is a risk factor for diseases* such as certain cancers, Alzheimer's disease, and male infertility...Common EHS (electromagnetic hypersensitivity) symptoms include headaches, concentration difficulties, sleep problems, depression, lack of energy, fatigue, and flu-like symptoms."

An increasing part of the European population is affected by ill health symptoms that have for many years been linked to exposure to EMF and wireless radiation in the scientific literature. The International Scientific Declaration on EHS & multiple chemical sensitivity (MCS), Brussels 2015, declares that: "In view of our present scientific knowledge, we thereby stress all national and international bodies and institutions...to recognize EHS and MCS as true medical conditions which acting as sentinel diseases may create a *major public health concern in years to come worldwide* i.e. in all the countries implementing unrestricted use of electromagnetic field-based wireless technologies and marketed chemical substances... ***Inaction is a cost to society*** and is not an option anymore... we unanimously acknowledge this serious hazard to public health...that major primary *prevention measures are adopted and prioritized, to face this worldwide pan-epidemic in perspective.*"

## Precautions

The Precautionary Principle (UNESCO) was adopted by EU 2005: "*When human activities may lead to morally unacceptable harm that is scientifically plausible but uncertain, actions shall be taken to avoid or diminish that harm.*"

Resolution 1815 (Council of Europe, 2011): "*Take all reasonable measures to reduce exposure to electromagnetic fields, especially to radio frequencies from mobile phones, and particularly the exposure to children and young people who seem to be most at risk from head tumours...Assembly strongly recommends that the ALARA (as low as reasonably achievable) principle is applied, covering both the so-called thermal effects and the athermic [non-thermal] or biological effects of electromagnetic emissions or radiation" and to "improve risk-assessment standards and quality".*

The Nuremberg code (1949) applies to all experiments on humans, thus including the roll-out of 5G with new, higher RF-EMF exposure. All such experiments: "*should be based on previous knowledge (e.g., an expectation derived from animal experiments) that justifies the experiment. No experiment should be conducted, where there is an a priori reason to believe that death or disabling injury will occur; except, perhaps, in those experiments where the experimental physicians also serve as subjects.*" (Nuremberg code pts 3-5). Already published scientific studies show that there is "a priori reason to believe" in real health hazards.

The European Environment Agency (EEA) is warning for "Radiation risk from everyday devices" in spite of the radiation being below the WHO/ICNIRP standards. EEA also concludes: "*There are many examples of the failure to use the precautionary principle in the past, which have resulted in serious and often irreversible damage to health and environments...harmful exposures can be widespread before there is both 'convincing' evidence of harm from long-term exposures, and biological understanding [mechanism] of how that harm is caused.*"

## "Safety guidelines" protect industry – not health

The current ICNIRP "safety guidelines" are obsolete. All proofs of harm mentioned above arise although the radiation is below the ICNIRP "safety guidelines". Therefore new safety standards are necessary. The reason for the misleading guidelines is that "conflict of interest of ICNIRP members due to their *relationships with telecommunications or electric companies* undermine the impartiality that should govern the regulation of Public Exposure Standards for non-ionizing radiation...To evaluate cancer risks it is necessary to include scientists with competence in medicine, especially oncology."

The current ICNIRP/WHO guidelines for EMF are based on the obsolete hypothesis that "The critical effect of RF-EMF exposure relevant to human health and safety is heating of exposed tissue." However, scientists have proven that many different kinds of *illnesses and harms are caused without heating* ("non-thermal effect") at radiation levels well below ICNIRP guidelines.

## We urge the EU:

- 1) To take all reasonable measures to halt the 5G RF-EMF expansion until independent scientists can assure that 5G and the total radiation levels caused by RF-EMF (5G together with 2G, 3G, 4G, and WiFi) will not be harmful for EU-citizens, especially infants, children and pregnant women, as well as the environment.
- 2) To recommend that all EU countries, especially their radiation safety agencies, follow Resolution 1815 and inform citizens, including, teachers and physicians, about health risks from RF-EMF radiation, how and why to avoid wireless communication, particularly in/near e.g., daycare centers, schools, homes, workplaces, hospitals and elderly care.
- 3) To appoint immediately, without industry influence, an EU task force of independent, truly impartial EMF-and-health scientists with no conflicts of interest<sup>1</sup> to re-evaluate the health risks and:
  - a) To decide about new, safe "maximum total exposure standards" for all wireless communication within EU.
  - b) To study the total and cumulative exposure affecting EU-citizens.
  - c) To create rules that will be prescribed/enforced within the EU about how to avoid exposure exceeding new EU "maximum total exposure standards" concerning all kinds of EMFs in order to protect citizens, especially infants, children and pregnant women.
- 4) To prevent the wireless/telecom industry through its lobbying organizations from persuading EU-officials to make decisions about further propagation of RF radiation including 5G in Europe.
- 5) To favor and implement wired digital telecommunication instead of wireless.

**We expect an answer** from you no later than **October 31, 2017** to the two first mentioned signatories about what measures you will take to protect the EU-inhabitants against RF-EMF and especially 5G radiation. This appeal and your response will be publicly available.

**Respectfully submitted,**

**Rainer Nyberg**, EdD, Professor Emeritus (Åbo Akademi), Vasa, Finland ([NRNyberg@abo.fi](mailto:NRNyberg@abo.fi))

**Lennart Hardell**, MD, PhD, Professor (assoc) Department of Oncology, Faculty of Medicine and Health, University Hospital, Örebro, Sweden ([lennart.hardell@regionorebrolan.se](mailto:lennart.hardell@regionorebrolan.se))

**WE will add signatories to the following list through the end of 2017. The updated list of signatories and the appeal can be found later [HERE](#).**



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<sup>1</sup> Avoid similar mistakes as when the Commission (2008/721/EC) appointed industry supportive members for SCENIHR, who submitted to EU a misleading SCENIHR report on health risks, giving telecom industry a clean bill to irradiate EU-citizens. The report is now quoted by radiation safety agencies in EU.

## Signatories to the 5G Appeal (As of September 13, 2017)

**Note:** The endorsements are personal and not necessarily supported by the affiliated universities or organizations.

### EU and European Nations

#### AUSTRIA

*Gerd Oberfeld*, MD, Public Health Officer, Salzburg

#### BELGIUM

*Marie-Claire Cammaerts*, PhD, Researcher (retired), Faculty of Science, Free University of Brussels, Brussels

#### CYPRUS

*Stella Canna Michaelidou*, PhD, Chemist Expert on Environment, Health and Food Safety, President of the Cyprus National Committee on Environment and Children's Health

#### FINLAND

*Marjukka Hagström*, LL.M, M.Soc.Sc., Senior researcher, The Finnish Electrosensitivity Foundation, Turku

*Osmo Hänninen*, PhD, Professor Emeritus (Physiology), Kuopio

*Georgiy Ostroumov*, PhD (in the field of RF EMF), independent researcher

#### FRANCE

*Marc Arazi*, MD, Physician (Whistleblower on Phonegate international scandal), Nogent-sur-Marne

*Dominique Belpomme*, MD, MSc, Full Professor in Medical Oncology; Director of ECERI, Paris University, Paris & European Cancer and Environment Research Institute, Brussels

*Philippe Irigaray*, PhD, Scientific Director, Association for Research on Treatment against Cancer (ARTAC), Paris; European Cancer and Environment Research Institute (ECERI), Brussels

*Vincent Lauer*, Ing. ECP, Independent Researcher, La Chapelle sur Erdre

*Annie J Sasco*, MD, DrPH, Former Director of Research, French National Institute of Health and Medical Research; Former Chief of Epidemiology for Cancer Prevention, International Agency for Research on Cancer; Former Acting Chief of Program, Cancer Control, World Health Organization, Bordeaux

#### GERMANY

*Franz Adlkofer*, MD, Professor, Pandora-Foundation for Independent Research

*Christine Aschermann*, MD (retired) member of the Kompetenzinitiative e.V., Leutkirch

*Mario Babilon*, Dr. rer. nat., Professor, Baden-Wuerttemberg Cooperative State University Stuttgart

*Wolf Bergmann*, Dr. med., Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., Freiburg

*Rainer Frentzel-Beyme*, MD, Professor emeritus, University of Bremen.

*Helmut Breunig*, Diploma degree in forestry, Specialty: Radio frequency injuries on trees around phone masts, Osterode am Harz

*Klaus Buchner*, Dr. rer. nat., Professor, MEP – Member of the European Parliament, Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., München

*Horst Eger*, Dr. med., Ärztlicher Qualitätszirkel "Elektromagnetische Felder in der Medizin - Diagnostik, Therapie, Umwelt", Naila

*Karl Hecht*, Dr, Professor of Pathophysiology and Neurophysiology (Emeritus of the Medical center Charite), Berlin

*Peter Hensinger*, MA, diagnose:funk, consumer protection organisation, Stuttgart

*Markus Kern*, Dr. med., Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., Kempten

*Florian M. König*, Dr.Sc. Man. Dir. & Science Header of the Company/Institute "Florian König Enterprises GmbH"

*Andrea Leute*, Dr. med., Ärzteinitiative Mobilfunk Allgäu-Bodensee-Oberschwaben, Überlingen

*Martin Lion*, Dr. med., Allgemeinmedizin - Homöopathie, Ulm

*Peter Ludwig*, Dr. phil., Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., Saarbrücken

*Willi Mast*, Dr., Arzt für Allgemeinmedizin und Innere Medizin, Gelsenkirchen

*Joachim Mutter*, Dr. med., Paracelsus Clinic / Switzerland, Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., Murg

*Gertraud Teuchert-Noodt*, Dr.med., Professor of Neurobiology, University of Bielefeld

*Peter Ohnsorge*, Dr. med., European Academy for Environmental Medicine

*Karl Richter*, Dr. phil., Professor, Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., St. Ingbert

*Claus Scheingraber*, Dr. med. dent., German Working Group Electro-Biology, Brunenthal

*Cornelia Waldmann-Selsam*, Dr.med., Competence Initiative for the Protection of Humanity, Environment and Democracy e.V., Bamberg

*Werner Thiede*, Dr. theol., Professor, Pfarrer der Evangelisch-Lutherischen Landeskirche in Bayern und Publizist, Neuhausen

*Helmut Wagner*, Dr. med., Ophthalmologist, Stuttgart

*Harald Walach*, Professor, PhD in psychology, PhD in theory and history of science, Change Health Science Institute, Berlin; affiliation: Witten-Herdecke University, Poznan Medical University, Poland

*Ulrich Warnke*, Dr.rer.nat., Academic Superior Council (retired) University of Saarland

*Isabel Wilke*, Diplom-Biologin, Editor ElektrosmogReport, Kassel/Berlin

*Roland Wolff*, Dipl.-Phys., Medical Physicist, Bremen

*Ortwin Zais*, PhD (Dr. med.), European Academy for Environmental Medicine

#### **GREECE**

*Christos Georgiou*, PhD, Member, Scientific Secretariat of ICEMS; Professor of Biochemistry, Biology Department, University of Patras, Patras

*Theodore P. Metsis*, PhD, Electrical, Mechanical, Environmental Engineer, Consultant, Athens

#### **ITALY**

*Domenico Agrusta*, Medicina e chirurgia spec. in Odontostomatologia, Libero professionista Iscritto ISDE, Taranto

*Fernanda Amicarelli*, Full Professor in Applied Biology, Department of Life, Health and Environmental Sciences, University of L'Aquila, L'Aquila

*Fiorella Belpoggi*, Dr., Director, Research Department, Ramazzini Institute, Bologna

*Sergio Bernasconi*, Full Professor of Pediatrics, former Director, Pediatric Department, Editor emeritus: Italian Journal of Pediatrics, University of Parma

*Dr Franco Berrino*, MD, PhD, former Director, Department of Preventive and Predictive Medicine, Istituzione nazionale dei Tumori, Milan

*Ernesto Burgio*, MD, Pediatrician, ECERI – European Cancer and Environment Research Institute (Bruxelles)

*Dr Franco Cherubini*, Degree in medicine and surgery, Vetralla

*Dott. Agostino Di Ciaula*, President of Scientific Committee, Italian Society of Doctors for the Environment - ISDE Italy, Arezzo

*Dott. Andrea Cormano*, MD, Italian Society of Doctors for the Environment - ISDE, Benevento

*Ugo Corrieri*, Medicina e chirurgia spec. in Psichiatria, Docente della Scuola Romana di Psicoterapia Familiare, Roma; Presidente di ISDE-Medici per l'Ambiente della Provincia di Grosseto; Coordinatore di ISDE-Medici per l'Ambiente per il Centro Italia

*Dr Patrizia Difonte*, Physician, Surgeon, General practitioner and occupational medicine, Associazione Italiana Elettrosensibili, Lonate Pozzolo, Varese

*Anna Maria Falasconi*, MD, Primary Care Pediatrician, National Health System, Rome

*Dott. Filippo Maria di Fava*, Laurea in Medicina e Chirurgia, Libero professionista, Rome

*Dr. Mario Frusi*, MD, medico, Cuneo

*Dr. Stefano Gallozzi*, Astrophysician and technologist at the INAF Italian National Astrophysical Institute in the Observatory, President of the Comitato di Tutela e Salvaguardia dell'Ambiente in Monte Porzio Catone (ONLUS association), Rome

*Dott. Roberto Gava*, Pharmacologist and Toxicologist, ISDE, Padua

*Teresa Pia Anna Maria Del Gaudio*, Degree in Medicine and Surgery, specialist in pediatrics, Medical Manager, ASL Salerno, Roccagloriosa (SA)

*Patrizia Gentilini*, Degree in Medicine (Oncology and Hematology). ISDE (International Society Doctor's for Environment), FORLI'

*Valerio Gennaro*, MD, PhD, Head ,Liguria Mesothelioma Registry (COR Liguria), UO Clinical Epidemiology (IST Nord - CBA); IRCCS Policlinico Ospedale San Martino National Cancer Research Institute, Genoa

*Livio Giuliani*, PhD, Professor, Università dell'Abruzzo - Corso di Laurea in Fisiatria, Chieti

*Angelo Levis*, PhD. Professor, Biologist, University of Padua

*Roberto Lucchini*, MD, Professor of Occupational Medicine, University of Brescia

*Salvatore Magazù*, PhD, Full Professor of Experimental Physics, Dipartimento di Scienze Matematiche e Informatiche, Scienze Fisiche e Scienze della Terra, Università di Messina

*Fiorenzo Marinelli*, PhD, Institute of Molecular Genetics (IGM), National Research Council (CNR), Member of the International Commission for Electromagnetic Safety (ICEMS), Bologna

*Antonio Maria Pasciuto*, Laurea in Medicina e Chirurgia, Specialista in Medicina Interna, Presidente ASSIMAS (Associazione Italiana Medicina Ambiente e Salute), Roma

*Dott. Carlo Ratti*, MD, Ordine dei Medici della SPEZIA, Genova

*Ruggero Ridolfi*, MD, Oncologist Endocrinologist, ISDE, Forlì-Cesena

*Sandro Rinaldi*, Laurea in medicina e chirurgia specializzazione in Allergologia; specializzazione in Ematologia. Medico di medicina generale convenzionato con l'Azienda Sanitaria di Bolzano, Terzano

*Dott. Massimo Melelli Roia*, MD, Italian Society of Doctors for the Environment - ISDE, Perugia

*Dott. Roberto Romizi*, President, Italian Society of Doctors for the Environment - ISDE, Arezzo

*Dott.ssa Ida Santellocco*, MD, Medico chirurgo, Pediatria, medico chirurgo - pediatra, Roma

*Massimo Scalia*, Coordinator of the Bioelectromagnetism Section of CIRPS (Interuniversity Research Center for Sustainable Development)

*Alessandro Solerio*, Degree in Medicine and Surgery, Sanremo

*Franco Verzella*, MD, physician, practice dedicated to autistic children, Bologna

*Myriam Zucca, Dr. ssa*, Medical Director, Dermatology, Cagliari University Hospital, Sardinia

#### **MALTA**

*Pierre Mallia*, MD, PhD, CBiol, MPhil, MA(Law), Professor of Family Medicine, Bioethics & Patients' Rights; Chairperson, National Health Ethics Committee, Dept. of Health; Chairperson, Bioethics Consultative Committee, Ministry of Health; Coordinator, Bioethics Research Programme, Univ. of Malta; President, Malta College of Family Doctors

#### **NETHERLANDS**

*Hugo Schooneveld*, PhD, Retired Associate professor (Wageningen Agricultural University), Advisor to the Dutch EHS Foundation, former president of 'Stichting elektro-hypersensitiviteit', Wageningen

#### **PORTUGAL**

*Paulo Vale*, PhD, Auxiliary Researcher, Sea and Marine Resources Department, The Portuguese Sea and Atmosphere Institute, Lisbon

#### **SLOVAKIA**

*Jan Jakus*, MD, PhD, DSc., Professor, Jessenius Faculty of Medicine, Comenius University, Martin

*Ladislav Janousek*, PhD, Professor, Department of Electromagnetic and Biomedical Engineering Faculty of Electrical Engineering, University of Zilina, Žilina

*Michal Teplan*, PhD, Institute of Measurement Science, Slovak academy of sciences, Bratislava

## **SPAIN**

*Alfonso Balmori*, BSc, Master in Environmental Education, Biologist. Junta de Castilla y León, Valladolid

*José Luis Bardasano*, PhD, Biologist and Physician, Prof. of Medical Bioelectromagnetism, Department of Medicine and Medical Specialties, School of Medicine, University of Alcalá. Alcalá de Henares, Madrid

*Pilar Muñoz-Calero*, MD, President, Fundación Alborada; Co-director, Chair of Pathology and Environment, Faculty of Medicine, Universidad Complutense de Madrid (UCM), Madrid

*Miguel Lopez-Lazaro*, PhD, Associate Professor, Department of Pharmacology, Faculty of Pharmacy, University of Seville

*María Elena López Martín*, MD, PhD, Associate Professor of Human Anatomy, School of Medicine, University of Santiago de Compostela (USC)

*Enrique A. Navarro*, PhD, Professor, University of Valencia, Valencia

*Claudio Gómez-Perretta*, MD, PhD, Chief of Section, Hospital Universitario La Fe, Valencia

## **SWEDEN**

*Mikko Ahonen*, PhD, researcher, Sundsvall

*Michael Carlberg*, MSc, Department of Oncology, Faculty of Medicine and Health, University Hospital, Örebro

*Mikael Eriksson*, MD, PhD, Associate Professor, Department of Oncology, Skane University Hospital, Lund

*Lena Hedendahl*, MD, Independent Environment and Health Research, Luleå

*Olle Johansson*, Associate Professor, Experimental Dermatology Unit, Department of Neuroscience, Karolinska Institute, Stockholm

*Gunilla Ladberg*, PhD, Member of the Board of the Swedish association Vågbrytaren, Lidingö

*Leif G. Salford*, MD, PhD, Senior Professor of Neurosurgery, Director of the Rausing Laboratory for Translational NeuroOncology, Lund University, Lund

*Elsy-Britt Schildt*, MD, PhD, Senior Consultant, Department of Oncology and Radiation, County Hospital, Kalmar

*Fredrik Söderqvist*, PhD, Center for Clinical Research, Uppsala University, Västerås

## **SWITZERLAND**

*Daniel Favre*, Dr. phil. nat., Biologist, Independent Researcher, Brent

*Peter Meier*, Dr. Med., Facharzt für Innere Medizin FMH, M.Sc. Präventivmedizin, Mitglied der European Academy for Environmental Medicine, Sissach

## **UK**

*Erica Mallery-Blythe*, MD, Founder of PHIRE (Physicians' Health Initiative for Radiation and Environment) Trustee Radiation Research Trust (RRT), Soton

*David Gee*, Visiting Fellow, Institute of Environment, Health and Societies, Brunel University, London

*Andrew Goldsworthy*, BSc, PhD, Lecturer in Biology (retired), Imperial College London, Monmouth

*Alasdair Philips*, BSc, DAQE, Professional engineer, Powerwatch

*Syed Ghulam Sarwar Shah*, MBBS, MA, MSc, PhD, Post-Doctoral Research Fellow, Department of Occupational Health, Guy's and St. Thomas' NHS Trust; Honorary Research Fellow, Department of Clinical Sciences, Brunel University, London

*Sarah Starkey*, PhD, Independent Neuroscience and Environmental Health Research

## Other Nations

### ARMENIA

*Sinerik Ayrapetyan*, PhD, Professor, Life Sciences International Postgraduate Educational Center, UNESCO Chair in Life Sciences, Yerevan, Head of Research Council and Chairholder of UNESCO Chair

### AUSTRALIA

*Priyanka Bandara*, PhD, Environmental Health Consultant, Castle Hill/Sydney, NSW  
*Katherine Georgouras*, OAM, DDM, FACD, Professor of Dermatology, (semiretired), Kenthurst NSW  
*Ray Kearney* OAM, PhD, Honorary Assoc. Professor (retired), Department of Medicine, University of Sydney  
*Don Maisch*, PhD, Independent researcher, author of "The Procrustean Approach", Lindisfarne, Tasmania  
*May Murray*, PhD, Independent Environmental Health researcher, Canberra  
*Elena Pirogova*, PhD, Associate Professor, Biomed Eng, BEng (Hons) Chem En, Discipline of Electrical and Biomedical Engineering, School of Engineering, RMIT University  
*Charles Teo*, AM, MBBS, Professor, Neurosurgeon, Prince of Wales Private Hospital, Randwick, NSW, Sydney  
*Steve Weller*, BSc, Founding member of ORSSA, Brisbane

### BRAZIL

*Orlando Furtado Vieira Filho*, PhD, Professor, Cellular & Molecular Biology, Federal University of Rio Grande do Sul  
*Claudio Enrique Fernández-Rodríguez*, PhD, MSEE, Professor, Federal Institute of Rio Grande do Sul, IFRS, Canoas  
*Alvaro Augusto A. de Salles*, PhD, Full Professor, Federal University of Rio Grande do Sul, UFRGS, Porto Alegre  
*Francisco de Assis Ferreira Tejo* (retired) D.Sc., Professor, Grupo de Eletromagnetismo Computacional e Bioeletromagnetismo, Electrical Engineering Dept, Universidade Federal de Campina Grande

### CANADA

*Frank Clegg*, CEO, Canadians for Safe Technology (C4ST); Former President of Microsoft Canada  
*Paul Héroux*, PhD, Occupational Health Program Director, Department of Epidemiology, Biostatistics and Occupational Health, McGill University Medicine, Montreal, PQ  
*Anthony B. Miller*, MD, FRCP, Professor Emeritus, Dalla Lana School of Public Health, University of Toronto  
*Malcolm Paterson*, PhD, Director, Research Initiatives, BC Cancer Agency Sindi Ahluwalia Hawkins Centre for the Southern Interior, Kelowna, BC  
*Michael A. Persinger*, PhD, Professor, Biomolecular Sciences, Behavioural Neuroscience and Human Studies, Laurentian University, Sudbury, Ontario

### CHINA

*Wenjun Sun*, PhD, Professor, Bioelectromagnetics Key Laboratory, Zhejiang University, School of Medicine, Hangzhou  
*Minglian Wang*, M.M., PhD, Associate Professor, College of Life Science & Bioengineering, Beijing University of Technology (BJUT), Beijing

### COLOMBIA

*Carlos Sosa*, MD, University of Antioquia, Medellín

### EGYPT

*Nasr Radwan*, Prof. Dr., Cairo University, Faculty of Science, Cairo

### INDIA

*Ganesh Chandra Jagetia*, PhD, Professor (ret.), Department of Zoology, Mizoram University, Aizawl, Udaipur

*Sareesh Naduvil Narayanan*, PhD, Assistant Professor, Department of Physiology, RAK College of Medical Sciences, RAK Medical & Health Sciences University, Ras Al Khaimah, UAE

*R. S. Sharma*, PhD, Head, Scientist - G & Sr. DDG, Div. of Reproductive Biology, Maternal & Child Health and Chief Project Coordinator - EMF Health Project India, Indian Council of Medical Research, Ansari Nagar, New Delhi

#### **IRAN**

*Hamid Mobasher*, PhD, Head of Biomaterials Research Center, Head of Laboratory of Membrane Biophysics and Macromolecules, Institute of Biochemistry and Biophysics, University of Tehran  
*Amirnader Emami Razavi*, PhD, Executive Manager and Principal Investigator of Iran, National Tumor Bank, Cancer Institute of Iran, Tehran University of Medical Sciences

*Dr. Masood Sepehrimanesh*, PhD, Assistant Professor, Gastrointestinal and Liver Disease Research Center, Guilan University of Medical Sciences, Rasht

#### **ISRAEL**

*Iris Atzmon*, MPH, Epidemiology, University of Haifa, EMF author and researcher, Haifa

*Michael Peleg*, M.Sc., Radio Communications Engineer and Researcher, Technion, Israel Institute of Technology, Haifa

*Elihu D Richter*, MD, MPH, Professor, Occupational and Environmental Medicine, Hebrew University-Hadassah School of Public Health and Community Medicine, Jerusalem

*Yael Stein*, MD, Hebrew University - Hadassah Medical Center, Jerusalem

*Danny Wolf*, MD, Pediatrician, Clialit Health Services Raziell, Netanya Herzelia

#### **JORDAN**

*Mohammed Saleh Al Salameh*, PhD, Professor, Department of Electrical Engineering, University of Science & Technology, Irbid

#### **KOREA (South)**

*Kiwon Song*, PhD, Professor, Department of Biochemistry, Yonsei University, Seoul

*Young Hwan Ahn*, MD PhD, Professor, Department of Neurosurgery, Ajou University School of Medicine, Suwon

#### **NEW ZEALAND**

*Mary Redmayne*, PhD, Adjunct Research Fellow, Victoria University of Wellington

*Damian Wojcik*, MD, MBChB, Medical director/ Northland Environmental health Clinic, Whangare, Northland

#### **NIGERIA**

*Aneyo Idowu Ayisat*, M.Sc., Lecturer, Environmental Biology Unit, Biological Science Department, Yaba College of Technology, Yaba, Lagos

#### **OMAN**

*Dr Najam Siddiqi*, MBBS, PhD, Associate Professor of Anatomy, Oman Medical College, Sohar

#### **RUSSIAN FEDERATION**

*Yury Grigogiev*, Professor, M. Dr Sci., Federal. Medical Biophysical Center, Moscow

*Maxim V. Trushin*, PhD, Associate Professor, Kazan Federal University, Kazan

#### **TURKEY**

*Osman Cerezci*, Professor Dr., Dept. Electrical-Electronics Engineering, Sakarya University, Adapazari

*Suleyman Dasdag*, PhD, Prof. Dr., Biophysics Department, Medical School, Istanbul Medeniyet University, Uskudar, Istanbul

*Onur Elmas*, MD, PhD, Faculty of Medicine, Dept. Of Physiology, Mugla Sitki Kocman University, Mugla

*Ayşe Inhan Garip*, Assoc. Prof., School of Medicine, Biophysics Dept., Marmara University, Istanbul  
*Suleyman Kaplan*, PhD, Professor, President of Turkish Society for Stereology, Board member of Journal  
Chemical Neuroanatomy (Elsevier), Board member of Journal of Microscopy and Ultrastructure  
(Elsevier), Department of Histology and Embryology, Ondokuz Mayıs University, Samsun  
*Fulya Kunter*, Assistant Professor Dr., Dept. Electrical-Electronics Engineering, Marmara University, Istanbul  
*Selim Şeker*, Professor Dr., Department of Electrical-Electronics Engineering, Bogazici University  
*Nesrin Seyhan*, Prof. Dr., Gazi University Medical Faculty, Founder Head, Biophysics Department;  
Founding Director, Gazi Non-Ionizing Radiation Protection Centre (GNRK), Ankara

#### **UKRAINE**

*Olexandr Tsybulin*, PhD, Department of Biophysics, Bila Tserkva National Agrarian University

#### **USA**

*David O. Carpenter*, MD, Director, Institute for Health and the Environment, A Collaborating  
Centre of the World Health Organization, University at Albany, NY  
*Barry Castleman*, ScD, Environmental Consultant, Garrett Park, MD  
*Devra Davis*, PhD, MPH, Visiting Prof. Medicine, Hebrew University, Hadassah Medical Center & Ondokuz  
Mayis University, Medical School (Turkey); Pres., Environmental Health Trust, WY  
*Paul Doyon*, MA, MAT, EMRS, Independent Researcher, Doyon Independent Research, CA  
*Arthur Firstenberg*, BA, EMF researcher and author; President, Cellular Phone Task Force, NY  
*Beatrice A. Golomb*, MD, PhD, Professor of Medicine, University of California, San Diego, CA  
*Peter F. Infante*, DrPH, Managing Member, Peter F. Infante Consulting, LLC, VA  
*Toril H. Jelter*, MD, MDI Wellness Center, CA  
*Elizabeth Kelley*, MA, Electromagnetic Safety Alliance, AZ  
*Henry Lai*, PhD, Professor Emeritus, University of Washington, WA  
*B. Blake Levitt*, medical/science journalist, former New York Times contributor, EMF researcher and author  
*Marko Markov*, PhD, Professor of Biophysics (emeritus), Department of Biophysics and Radiobiology, Sofia  
University, Bulgaria; President, Research International, NY  
*Trevor G Marshall*, ME, PhD, Director, Autoimmunity Research Foundation, CA  
*Ronald Melnick*, PhD, Senior Toxicologist, (Retired radiofrequency section leader of) US National Toxicology  
Program, National Institute of Environmental Health Sciences, NIH, NC  
*L. Lloyd Morgan*, Senior Research Fellow, Environmental Health Trust; Board Member,  
International EMF Alliance (IEMFA), CA  
*S. M. J. Mortazavi*, PhD, Professor of Medical Physics, Visiting Scientist, Fox Chase Cancer  
Center, PA  
*Joel M. Moskowitz*, PhD, Director, Center for Family and Community Health, School of Public Health,  
University of California, Berkeley, CA  
*Martin Pall*, PhD, Professor Emeritus, Biochemistry and basic medicine, Washington State U., Pullman, WA  
*Jerry L. Phillips*, PhD, Exec. Director, Excel Centers, Professor Attendant, Department of Chemistry and  
Biochemistry, University of Colorado, Colorado Springs, CO  
*Camilla R. G. Rees*, MBA, health researcher and author; CEO, Wide Angle Health; Sr. Policy Advisor, National  
Institute for Science, Law & Public Policy, NY  
*Cindy Sage*, MA, Sage Associates, Co-Editor, BioInitiative Reports, CA  
*Eugene Sobel*, PhD, Professor (Retired), University of Southern California School of Medicine, CA  
*John G. West*, MD, Director of Surgery, Breastlink, CA

**Actions from Peer Review of the Draft NTP Technical Reports on  
Cell Phone Radiofrequency Radiation  
March 26-28, 2018**

The National Toxicology Program (NTP) convened the NTP Technical Reports Peer Review Panel ("the Panel") on March 26-28, 2018, to peer review two *Draft NTP Technical Reports on Cell Phone Radiofrequency Radiation*. Meeting information, including the draft reports, is available at the NTP website (<https://ntp.niehs.nih.gov/go/36144>). A meeting report will be prepared and posted to the NTP website when completed.

The Panel was divided into two groups. Panel 1 provided consultation on the reverberation chamber technology and Panel 2 provided recommendations on the study findings and NTP's draft conclusions. NTP will consider these comments when finalizing the technical reports. When completed, the technical reports will be published on the NTP website (<https://ntp.niehs.nih.gov/go/189>).

Panel 1 agreed that the reverberation chamber technology was adequate for generating the fields used to assess the effects of cell phone radiofrequency (RFR) exposure in rats and mice.

Working from NTP's scale of *clear evidence, some evidence, equivocal evidence, and no evidence*, Panel 2 made the following recommendations:

**Technical Report TR 596: Cell Phone Radiofrequency Radiation Studies in Mice**

Neoplastic Lesions: GSM Modulation

Male B6C3F1/N mice, exposed to GSM-modulated cell phone RFR at 1,900 MHz

- Panel 2 voted to accept (8 yes, 3 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male B6C3F1/N mice based on combined incidences of fibrosarcoma, sarcoma, or malignant fibrous histiocytoma in the skin.
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male B6C3F1/N mice based on incidences of alveolar/bronchiolar adenoma or carcinoma (combined) in the lung.

Female B6C3F1/N mice, exposed to GSM-modulated cell phone RFR at 1,900 MHz

- Panel 2 voted to accept (9 yes, 2 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of female B6C3F1/N mice based on incidences of malignant lymphoma (all organs).

Neoplastic Lesions: CDMA Modulation

Male B6C3F1/N mice, exposed to CDMA-modulated cell phone RFR at 1,900 MHz

- Panel 2 voted to accept (10 yes, 1 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male B6C3F1/N mice based on incidences of hepatoblastoma in the liver.

Female B6C3F1/N mice, exposed to CDMA-modulated cell phone RFR at 1,900 MHz

- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of female B6C3F1/N mice based on incidences of malignant lymphoma (all organs).

#### Nonneoplastic lesions: GSM and CDMA Modulations

- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusions as written, *Exposure to GSM- or CDMA-modulated cell phone RFR at 1,900 MHz did not increase the incidence of any nonneoplastic lesions in male or female B6C3F1/N mice.*

#### **Technical Report TR 595: Cell Phone Radiofrequency Radiation Studies in Rats**

#### Neoplastic Lesions: GSM Modulation

Male Hsd:Sprague Dawley SD rats, exposed to GSM-modulated cell phone RFR at 900 MHz

- Panel 2 voted to recommend (8 yes, 3 no, 0 abstentions) the conclusion, ***clear evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of malignant schwannoma in the heart.
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of adenoma or carcinoma (combined) in the prostate gland.
- Panel 2 voted to recommend (7 yes, 4 no, 0 abstentions) the conclusion, ***some evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of malignant glioma in the brain.
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on benign or malignant granular cell tumors in the brain.
- Panel 2 voted to accept (10 yes, 1 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of adenoma in the pars distalis of the pituitary gland.
- Panel 2 voted to recommend (6 yes, 4 no, 1 abstention) the conclusion, ***some evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of pheochromocytoma (benign, malignant, or complex combined) in the adrenal medulla.
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of pancreatic islet cell adenoma or carcinoma (combined).

Female Hsd:Sprague Dawley SD rats, exposed to GSM-modulated cell phone RFR at 900 MHz

- Panel 2 voted to recommend (9 yes, 2 no, 0 abstentions) the conclusion, ***equivocal evidence of carcinogenic activity*** of female Hsd:Sprague Dawley SD rats based on incidences of malignant schwannomas in the heart.

#### Nonneoplastic Lesions: GSM Modulation

- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, *Increases in nonneoplastic lesions in the heart, brain, and prostate gland of male rats occurred with exposures to GSM cell phone RFR at 900 MHz.*
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, *Increases in nonneoplastic lesions in the heart, thyroid gland, and adrenal gland in female rats occurred with exposures to GSM cell phone RFR at 900 MHz.*

#### Neoplastic Lesions: CDMA Modulation

Male Hsd:Sprague Dawley SD rats, exposed to CDMA-modulated cell phone RFR at 900 MHz

- Panel 2 voted to recommend (8 yes, 3 no, 0 abstentions) the conclusion, ***clear evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of malignant schwannoma in the heart.
- Panel 2 voted to recommend (6 yes, 4 no, 1 abstention) the conclusion, ***some evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of malignant glioma in the brain.
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of adenoma in the pars distalis of the pituitary gland.
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of male Hsd:Sprague Dawley SD rats based on incidences of adenoma or carcinoma (combined) in the liver.

Female Hsd:Sprague Dawley SD rats, exposed to CDMA-modulated cell phone RFR at 900 MHz

- Panel 2 voted to accept (8 yes, 3 no, 0 abstentions) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of female Hsd:Sprague Dawley SD rats based on incidences of malignant glioma in the brain.
- Panel 2 voted to accept (10 yes, 0 no, 1 abstention) the conclusion as written, ***equivocal evidence of carcinogenic activity*** of female Hsd:Sprague Dawley SD rats based on incidences of pheochromocytoma (benign, malignant, or complex combined) in the adrenal medulla.
- Panel 2 voted to recommend (9 yes, 2 no, 0 abstentions) the conclusion, ***equivocal evidence of carcinogenic activity*** of female Hsd:Sprague Dawley SD rats based on incidences of malignant schwannoma in the heart.

#### Nonneoplastic Lesions: CDMA Modulation

- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***Increases in nonneoplastic lesions of the heart, brain, and prostate gland occurred in males exposed to CDMA cell phone RFR at 900 MHz.***
- Panel 2 voted to accept unanimously (11 yes, 0 no, 0 abstentions) the conclusion as written, ***Increases in nonneoplastic lesions of the brain in females exposed to CDMA cell phone RFR at 900 MHz.***

**Oregon Health Authority**  
**Public Health Division**  
Records Retention Schedule 2012-0011  
Effective Date: October 2014  
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**Records Retention Schedule**

Edition: October 2014

Expires: October 2019

***Organizational Placement***

**Schedule Number: 2012-0011**

**Agency:** Oregon Health Authority  
**Division:** Public Health  
**Office:** Public Health Director/State Health Officer  
**Program:** Administration

***Program Description***

The Office of the State Public Health Director (OSPHD) leads OHA's Public Health Division (PHD) in promoting health and preventing the leading causes of death, disease and injury in Oregon. The Public Health Director, who is appointed by the OHA Director, oversees the operations of OSPHD and three organizational centers: Center for Health Protection, Center for Prevention and Health Promotion, and Center for Public Health Practice. The Director of OHA also appoints the state Public Health Officer, who is responsible for the medical and paramedical aspects of health programs within OHA/PHD.

OSPHD leadership includes the State Public Health Director; Public Health Officer/State Epidemiologist; and the Deputy Public Health Director.

OSPHD provides public health policy planning, development and direction to the public health programs within the division, works closely with OHA's Director's Office and government relations team, and ensures that the disparate programs within and outside the division create an effective and coherent public health system for the state which includes state, local and tribal public health departments and public-private partnerships. OSPHD also provides information to the communities on ways to promote good health and avoid disease and injury, and provides information to agencies, organizations, and the public on the health status of Oregonians.

OSPHD works to promote and protect the health of the public by advancing the quality, performance and equity of the Oregon public health system through performance assessment and management and, using media relations, develops and implements social marketing to promote health and prevention through message development.

OSPHD's Science and Evaluation section leads strategic initiatives that ensure excellence in epidemiology and the science of population health across the division. This section oversees the Public Health Institutional Review Board (PH IRB) and Program Design and Evaluation Services (PDES). The PH IRB reviews research activities involving human subjects to ensure that the rights and well-being of people participating in research are protected, and that the research activities are in compliance with 45 CFR 46, and Public Health Division policies. Program Design and Evaluation Services (PDES) is a research and evaluation program within both the Multnomah County Health Department and Oregon Public Health Division. The PDES team provides a full range of professional services to design, evaluate, and refine public health programs. It provides evaluation support to county and state programs, initiates and conducts applied research studies, and contracts with organizations across the country to improve community health, shape public policy, and reduce health disparities. PDES clients include health departments and state/local government agencies, community-based organizations, foundations, research institutions, and other public health organizations across the country.

Oregon State Archives  
**Records Retention Schedule**

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Expires: October 2019

The Behavioral Risk Factor Surveillance System (BRFSS) is a collaborative project of the Centers for Disease Control and Prevention (CDC), and U.S. states and territories to collect uniform, state-specific data on preventive health practices and risk behaviors that are linked to chronic diseases, injuries, and preventable infectious diseases in the adult population.

The Community Liaison Program resides within the OSPHD and provides consultation and technical assistance to local health department staff regarding administration, systems development, and the formation of standards and policies.

OSPHD maintains the official copy of the records of the Oregon Public Health Advisory Board, which advises OHA/PHD on policy matters related to public health programs; reviews statewide public health issues, and makes recommendations to OHA/PHD; and participates in public health policy development. The board is composed of 15 governor-appointed members broadly representing the public, local government, and public/private health providers.

OSPHD maintains the official copy of the meeting records of the Conference of Local Health Officials (CLHO), which serves as a forum for state and local public health officials to discuss minimum standards and financial assistance agreements.

The Task Force on the Future of Public Health Services was created by the Legislative Assembly in 2013 to study the regionalization and consolidation of Oregon's public health services, and make recommendations for legislation. OSPHD maintains the official copy of the task force's records.

All Public Health Division programs receive administrative and technical support from the following OHA/Department of Human Services (DHS) shared service offices: Human Resources; Budget, Planning, and Analysis; Financial Services; Office of Information Services (OIS); Contracts and Procurement; Facilities; Management Audits and Consulting; Image and Records Management; Information Security; Continuous Improvement; Investigations; and Forecasting and Research; Communications; and Publications and Design.

***Program Records***

**001 Accreditation Steering Committee Action Items and Minutes**

Retain 10 years, destroy

**002 Behavioral Risk Factor Surveillance System Records, 1988 – [ongoing], .5 c.f.**

(a) Retain Statewide Annual Reports permanently, transfer to State Archives after 25 years

(b) Retain applications and all hard copy records until entered and verified, destroy

**003 Current Disease Summary (CD Summary), 1949 – [ongoing], 1 c.f.**

Retain 1 copy permanently, transfer to State Archives after 20 years

**004 Conference of Local Health Officials (CLHO) Meeting Records**

Retain 25 years, destroy

**005 Joint Leadership Team (PHD/CLHO) Records**

Retain 10 years, destroy

**006 Oregon Community Health Assessment Forum Records**

Retain 10 years, destroy

**007 Oregon Health Bulletins, 1923 – 1981, 5 c.f.**

Retain permanently, transfer to State Archives after 20 years

Oregon State Archives  
Records Retention Schedule

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- 008 Oregon Health Improvement Plan (Community Health Improvement Plan) Records [ended December 2010]**  
Retain 20 years, destroy
- 009 Oregon Public Health Advisory Board Meeting Records, 1983 – [ongoing], 3 c.f. (Formerly Public Health Advisory Board Records)**  
(a) Retain meeting minutes, agendas and exhibits permanently, transfer to State Archives after 5 years  
(b) Retain all other records 10 years, destroy
- 010 Oregon Public Health Constituency Inquiry Records**  
Retain 5 years, destroy
- 011 Oregon's Healthy Future Report Records**  
Retain final report 20 years, destroy
- 012 Oregon's State Health Profile Report Records**  
Retain final report 20 years, destroy
- 013 Program Design and Evaluation Data Collection Records**  
Retain 1 year after study closes, destroy
- 014 Program Design and Evaluation Project Final Reports**  
Retain 20 years, destroy
- 015 Program Design and Evaluation Research Project Data Collection Records**  
Retain 1 year after study completion, or 3 years, whichever is longer, destroy
- 016 Program Design and Evaluation Research Project Final Reports**  
Retain 20 years, destroy
- 017 Public Health Division Executive Team Records, 1985 – 2001, 7 c.f.**  
Retain permanently, transfer to State Archives after 10 years
- 018 Public Health Division Institutional Review Board Minutes**  
Retain 25 years, destroy
- 019 Public Health Division Institutional Review Board Research Project Records**  
Retain 10 years after project is closed or deemed exempt, destroy
- 020 Public Health Division Leadership Team Records**  
Retain 10 years, destroy
- 021 Public Health Division Project Review Team Records**  
Retain 10 years after delivery of final recommendation, destroy
- 022 Public Health Division Strategic Plan Records, 1971 – [ongoing], 1 c.f.**  
Retain final plans permanently, transfer to State Archives after 5 years
- 023 Public Health Division Web Counsel Meeting Minutes**  
Retain 10 years, destroy
- 024 Public Health Photographs, 1880s – 1980s, 2 c.f.**  
[Filed with Office of Community Liaison, T.R.E.'s Office]  
Retain permanently, transfer to State Archives after 20 years
- 025 Quality Improvement Council Records**  
Retain 10 years, destroy
- 026 Quarterly Connection Newsletter**  
Retain 5 years, destroy
- 027 State Board of Eugenics Meeting Records and Case Files, 1917 – 1967, .5 c.f.**  
Retain permanently, transfer to State Archives after 20 years
- 028 State Board of Health Meeting Records, 1903 – 1973, .5 c.f.**  
Retain permanently, transfer to State Archives after 20 years

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- 029 State Board of Social Protection Meeting Records and Case Files, 1967 – 1983, .5 c.f.**  
Retain permanently, transfer to State Archives after 20 years
- 030 State Health Commission Meeting Records, 1973 – 1977, .5 c.f.**  
Retain permanently, transfer to State Archives after 30 years
- 031 Task Force on the Future of Public Health Services Records**  
Retain 20 years, destroy

***State Agency General Records Retention Schedule Records***

*Includes but is not limited to:*

Administrative Records (OAR 166-300-0015)  
Administrative Rule Preparation  
Agency Organizational Records  
Business Plan Records  
Contracts and Agreements  
Correspondence  
Legislative Tracking Records  
Lobbyist Records  
Policy Development and Strategic Planning  
Press Releases  
Publication Preparation Records  
Financial Records (OAR 166-300-0025)  
Budget Preparation Records  
Correspondence, Fiscal  
Emergency Board Request Records  
Grant Records  
Invoice Records  
LAB Records  
Travel Expense Records  
Information and Records Management Records (OAR 166-300-0030)  
Information System Planning and Development Records  
Payroll Records  
Employee Payroll Records  
Employee Time Records  
Leave Applications  
Records Management Records  
Personnel Records (OAR 166-300-0040)  
Employee Personnel Records  
Employee Training Records  
Position Descriptions and Reclassification Records  
Recruitment and Selection Records  
Work Schedule and Assignment Records

Alan

Exhib, 1

### Benefits of Analog Electric Meters vs Radio Frequency and/or Smart Meters

According to some experts / reports by consumers:	Analog Meters	Smart Meters (Electronic)
RF Radiation Exposure	No	YES
Part of mesh network that blankets community with RF radiation	No	YES
Health complaints	No	YES
AAEM physicians' association warnings about health effects	No	YES
Santa Cruz Health Dept. warnings about RF radiation emissions	No	YES
Privacy Intrusion	No	YES
Hackable	No	YES
Utility collects personal energy use data	No	YES
Data on your personal energy use may be provided to 3rd parties	No	YES
Can cause "dirty electricity" emissions on wiring	No	YES
Can be used to power down or shut off your appliances	No	YES

pg. 1 of 2

Can be used to remotely shutoff your utility service	<b>No</b>	<b>YES</b>
Can be used to charge for Time-of-Use rating	<b>No</b>	<b>YES</b>
Higher bills complaints	<b>No</b>	<b>YES</b>
Appliance Burnout Complaints	<b>No</b>	<b>YES</b>
Associated with numerous house fires	<b>No</b>	<b>YES</b>
Interference w/ wireless devices	<b>No</b>	<b>YES</b>
Safety complaints	<b>No</b>	<b>YES</b>
Can contribute to electrical grid failure	<b>No</b>	<b>YES</b>
Meter has short life	<b>No – last 30-50 years</b>	<b>YES – last 12-15 years</b>

Sourced from:

<http://www.electrosmogprevention.org/stop-ca-smart-meter-news/san-diego-county-smart-meter-news/benefits-of-analog-meters-vs-smart-meters-why-you-should-opt-out-today/>

**RESTORE THE ANALOG METER AS A METER OF CHOICE**

**Digital and other Smart Meters have Billing Problems as well as contribute to health issues due to the mechanisms contained within them that impact the wiring and health of those in the home. Analogs don't have these problems and would be fair and equitable to consumers to have the analog meter restored as a meter choice--not just to residents who have already have them, but as a policy for all who should be informed regarding them and to be able to request them.**

Some main points as quoted by Bill Bathgate's, expert testimony at the Michigan House Energy Committee Meeting from that website on the Billing Issue is at <https://smartmeterharm.org/2018/02/25/electrical-engineer-explains-to-michigan-legislature-why-smart-meters-are-causing-high-bills-video/>

- These Smart Meters and digital meters have a switched mode power supply inside that creates harmonics, also known as transients.
- The transients travel on the wiring throughout the home.
- Transients are seen by the current sensors and voltage sensors in the meter and are counted as consumed electricity.
- Other electric appliances have "EMC" filters in them to filter out transients. Smart Meter manufacturers did not put "EMC" filters in Smart Meters or digital meters.
- No agency mandated "EMC" filters in Smart Meters or digital meters.
- Transients on the wiring equate to higher bills. Bill Bathgate has seen 16-40 volts peak-to-peak of transients.
- ANSI, which creates standards and tests meters, is a private industry-funded organization. It is not a federal standards agency.
- ANSI allows meter manufacturers to remove the electronics from digital meters before they are tested for compliance, including testing their ability to handle surges.
- ANSI's definition of accuracy is very, very different, and ANSI does not address the precision of Smart Meters to consistently and repeatedly give the right reading.
- Analog meters are transparent; a customer can verify their bill by looking at the meter.
- Smart Meters and digital meters' calculations and algorithms are known only to the utility company and cannot be verified by the customer. Contrary to utility company and Smart Meter manufacturer claims, the customer is NOT in control of their bill. Example of one customer who complained, and his bill dropped for no reason.

Contrary to the statements on the City of Ashland Electric Dept. website that the analog is not available or purchasable, This is simply not true. I've enclosed evidence,.and it is purchasable below the \$30 price paid for the other meters. From ElectraHealth.com with discounts.

Request you charge the Electric Dept with complying with the Resolution. Analog meters have been changed out without notification to customers. Please address this right away as there was a claim in the newspaper Feb 21 Ashland was rolling out smart meters.

About 8,140,000 results (0.34 seconds)

## Ads

### 1. [Electric Meters For Sale | Low Cost kWh Meters, Free Data](#)

Ad[www.ekmmetering.com/Electric-Meters](http://www.ekmmetering.com/Electric-Meters)

Affordable, Accurate, Submetering Read Over Internet. Huge Savings. Shop Now!

[Basic kWh Meter 14mm -](#)

**\$58.00**

-

120 Volt, 2-Wire, 50 Amp

· [More](#)

### 2. [OTEK Corporation | Analog Meter Replacements |](#)

[otekcorp.com](http://otekcorp.com)

Ad[www.otekcorp.com/](http://www.otekcorp.com/)

OTEK's NTM Series With Patented 2-Wire Design Replaces Many **Analog Meters**.

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- o [Instruments from OTEK](#)
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### 3. [Electric Meters | Monitor kWh, Volt, Amp & kW |](#)

[accuenergy.com](http://accuenergy.com)

Ad[www.accuenergy.com/Electric-Meters](http://www.accuenergy.com/Electric-Meters)

+1 416-497-4100

Install **electricity meters** in facilities to monitor kWh & energy efficiency.

Application Guidance · 5 Year Warranty · Custom Solution Available · Volume Discount

Types: BACnet, Profibus, Ethernet, DNP 3.0, RTU, RS485, Wireless

- o [Product Catalogue](#)
- o [AcuCloud](#)
- o [Contact Us](#)
- o [Power Meter Solutions](#)
- o [Specification Sheets](#)

### 4. [Smart Meters & AMI Solutions | Microstar Electric Co. Ltd.](#)

Ad[www.microstarelectric.com/](http://www.microstarelectric.com/)

DLMS Certified & MID approved Smart Energy **Meters**; Turnkey AMI/AMR Solutions.

## Search Results

### [Buy Your Analog Meter Here | Stop Smart Meters!](#)

<https://stopsmartmeters.org/2011/10/09/buy-your-analog-meter-here/>

Oct 9, 2011 - You can purchase verified electromechanical *analog electric meters* at Electrahealth. These are refurbished analog meters with a numerical readout (not digital). The photo here is not a direct representation of the meters they sell, but very similar to their model. Is having your own electric meter changed a ...

### [Analog versus Digital Smart Electric Meters - The Balance](#)

<https://www.thebalance.com> › Money Hacks › Frugal Living › Household Saving Tips

Learn about *analog* versus smart *electric meters* and discover if the latter, which provides detailed *electricity* usage data, is always safe and accurate.

You visited this page on 3/19/18.

## **Analog Watthour Electric Meter - Electricity Utility Meter - Stetzerizer**

[www.stetzerizer-us.com](http://www.stetzerizer-us.com) › All Products

Rating: 5 - 2 reviews - \$34.97

*analog* dial watthour *electric utility meter* to measure *electricity* usage for home, apartment, RV, boat, rental property.

## **Electric Meters | Analog Devices**

[www.analog.com/en/applications/markets/energy/metering.../electric-meters.html](http://www.analog.com/en/applications/markets/energy/metering.../electric-meters.html)

*Electric Meters. Analog Devices* is a pioneer in electronic energy metering through our early introduction of energy metrology components. Increasingly, the use of Automated Meter Reading (AMR) and Advanced Meter Infrastructure (AMI) systems has intensified the requirements for efficient *meter* communications systems, ...

## **Replacing your smart meter – EMF Safety Network**

[emfsafetynetwork.org/replacing-your-smart-meter/](http://emfsafetynetwork.org/replacing-your-smart-meter/)

Dec 4, 2011 - Jerry Day, a media expert and producer from Burbank California, whose video "Spy Meters" skyrocketed to 1.4 million views has just released a new video called, "Replacing A Smart Meter With A Safe Analog Meter". In this video Jerry details with clarity and humor how to take back your power, by replacing ...

## **Electricity meter - Wikipedia**

[https://en.wikipedia.org/wiki/Electricity\\_meter](https://en.wikipedia.org/wiki/Electricity_meter)

An *electricity meter*, *electric meter*, *electrical meter*, or *energy meter* is a device that measures the amount of *electric* energy consumed by a residence, a business, or an electrically powered device. *Electric* utilities use *electric meters* installed at customers' premises for billing purposes. They are typically calibrated in billing ...

## **Images for analog electric meters**

[More images for analog electric meters](#)[Report images](#)

## **analog vs digital electric meters | GoGreenSolar**

[blog.gogreensolar.com/2009/05/analog-vs-digital-electric-meters.html](http://blog.gogreensolar.com/2009/05/analog-vs-digital-electric-meters.html)

May 17, 2009 - Most people typically don't pay attention to their *electric meters*, but if your considering to install a grid tie solar *electric* system, it's a good idea to determine what type of *electric meter* you have. *Analog meters* also known as electromechanical are the most common, the simple *meter* spins forward when your ...

## **Stealth Meters - The EI Wellspring**

[www.eiwellspring.org/smartmeter/stealthmeters.htm](http://www.eiwellspring.org/smartmeter/stealthmeters.htm)

The stealth meters: Analog meters with hidden transmitters. Analog meter with hidden wireless transmitter. The serial number is blanked out to protect privacy. *Analog electrical meters* sometimes transmit to the utility, just as a digital smart meter. Many people with these meters are unaware that they have a transmitter on ...

## **Reading an Analog Electric Meter & Calculate Usage and Cost ...**

▶ 8:46

<https://www.youtube.com/watch?v=1bq3wBqYvSw>

Jan 1, 2016 - Uploaded by Doug Haskins

This video reviews reading an *analog electric meter* as well as using the electric usage and cost equations. The ...

People also ask

How do electric meters measure power?

How do you read an electric meter?

- 1.
- 2.
- 3.
- 4.

What is a digital meter for electricity?

What is a smart meter?

[Feedback](#)

## Ads

### 1. SKYWORKS Front-End Module

Ad[www.skyworksinc.com/](http://www.skyworksinc.com/)

Skyworks offers Front-End Modules for ISM / ZigBee® / 802.15.4

Internet of Things · Life Changing Solutions · Keeping You Connected

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### 2. Electro Industries/Gaugetech | The Leader in Power Monitoring

Ad[www.electroind.com/](http://www.electroind.com/)

The leader in **electric power metering**, cost allocation & energy management.

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Products: Energy Manager EXT, Shark 50B, Shark 200, Shark MP200

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### 3. Quality Panel Meters

Ad[www.weschler.com/](http://www.weschler.com/)

Digital, **Analog & Bargraph Meters**, Controllers, Sensors & More.

See website for more info · Search for more info

Types: Transformer Advantage, Westinghouse Panel Meter, Bargraph Meter

## Searches related to analog electric meters

[analog electric meter vs digital meter](#)

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[used electric meters for sale](#)  
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[smart electric meter](#)

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\$47.59  
Gordon Electric...

[Refurbished Low Profile Electric ...](#)  
\$32.95  
[www.rvparksupp...](#)

[Simpson 2608P 12391](#)  
\$375.72  
Allied Electronic...

[Tramex Concrete Encounter 4 ...](#)  
\$477.00  
InspectorTools  
Free shipping

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\$950.64  
Zoro

[Special offer](#)

[Extech Analog Insulation Tester](#)

\$161.91

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Instrumart

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\$278.53

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[Refurbished Low Profile Electric ...](#)

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Marshall Wolf A...

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<http://www.smartmetereducationnetwork.com/dirty-electricity-and-smart-meters.php>

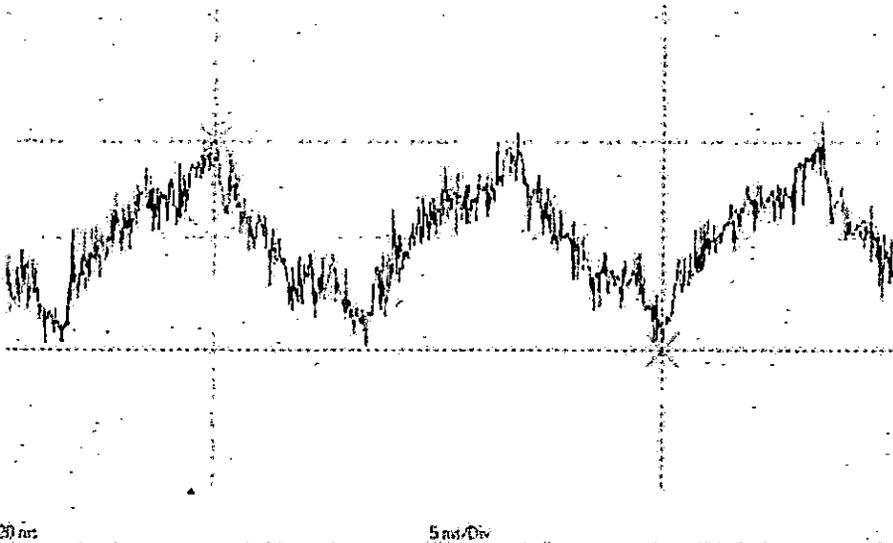
### Dirty Electricity

#### It's Not Just Wireless That's Causing Health Problems

DTE's so-called opt-out meter is just a smart meter with the wireless turned off. It will hurt you nearly as much as the smart meter because of the "dirty electricity" generated by the meter. If you wish to avoid the health (and privacy) problems associated with smart meters, then you must keep your analog meter.

Turning off the radiofrequency will not solve the health (or the privacy) problems associated with DTE and Consumers Energy smart meters. Digital meters—whether or not "smart"—cause dirty electricity to flow through your home's wiring. The problem is what is called the "switched mode power supply." Switched mode power supplies are used to run the digital meter (whether a smart meter or DTE's radio-off opt-out meter). In order for a smart meter to be powered, the 240 volts coming off the power line to the meter must be stepped down to 4-10 volts. A switched mode power supply is the device used to step down the voltage from 240 volts to 4-10 volts. This generates an enormous amount of what is commonly known as "dirty electricity" and referred to by electricians and electrical engineers as "voltage transients," "voltage harmonics," "line noise," and "power quality issues."

Dirty electricity is a spiky, pulsed, highly variable electrical current that rides through all the circuitry of a building. It has devastating health effects. Many people are already experiencing those effects, which include high blood pressure, tinnitus, insomnia, and cognitive difficulties. The Nevada Consumer Protection Bureau reached an agreement with the Nevada Public Utilities Commission to allow individuals to keep their analog meters in part because of health problems associated with the switched mode power supplies. Prevention Magazine reports on the hazards of dirty electricity.



People who have had their smart meter's wireless turned off are experiencing the same health problems as people with smart meters, just to a slightly lesser degree (click here to read their personal

testimony and here for another story). Our cells cannot handle a highly variable current, and build up a sugar coating around themselves, which means it's harder for nutrients to get in and wastes to get out. In addition, these electromagnetic currents cause the bonds holding DNA together to break, increasing the risk of cancer. Think of a jackhammer going off and on every day, 24/7. That is what the cells in your body experience. Even though you can't feel it, it's still hurting you. Brain cancers take 10 years to develop, and few people feel the cancer. In addition to all that, the electromagnetic frequencies knock calcium ions off the cell membrane, causing a host of effects.

**DTE's so-called opt-out meter is just a smart meter with the wireless turned off. It will hurt you nearly as much as the smart meter. Many older-style digital meter do not seem to create the dirty electricity problems that smart meters and so-called opt-out meters do. The reason is this: the older-style digital meters do not measure electricity in the fine-grained manner that the new meters do. These meters are constantly active, recording data and making computations at up to millisecond intervals. This means they are cycling—on-off, on-off—constantly. It is this on-off cycling that is part of what creates the spiky dirty electricity. These new meters have what's called a chopper circuit—the name is illustrative of what we've just been talking about—which rapidly switches the voltage on and off. In so doing, it creates ultra-high frequencies, and very sharp, fast transient voltage spikes, up to 70,000 volts/second. Part of the reason some people hear their smart meter making sounds is that the ultra-high frequencies they generate can be picked up by some human ears.**

**The magnetic field generated is a huge part of the problem. The current running through your house is an *electromagnetic* current. When the *electric* current runs through the wiring, it generates a *magnetic field* at right angles to the electric current. This means that you are surrounded in every dimension by an electromagnetic current—it's like being at the center of a hurricane, with the wiring on all the walls, the ceiling lights, and the wires running through the basement completely encapsulating you.**

Broadband over powerline (BPL) and wind turbines cause the same dirty electricity problems.

See the following links for more information on switched mode power supplies:

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- [How Do Switched Mode Power Supplies Work—from "Things I Should Probably Know" blogspot](#)
- [How Do Switched Mode Power Supplies Work and Why Do They Bother People So Much?](#)
- [Dirty Electricity, Phillips](#). Transients are created when current is repeatedly interrupted. This manipulation of current creates a wildly fluctuating and potentially dangerous electromagnetic field that not only radiates into the immediate environment but also can back up along home or office wiring.
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*conclusion: the smart meter does not suppress line noise the way the analog meter did. Rather, it augments and even causes line noise."*

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- [Main sources of voltage transients.](#)
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- [Windmills \(wind turbines\) and their dirty electricity signature.](#)

**Your privacy is still invaded.** The radio-off opt-out meter still collects the same fine-grained usage data as a smart meter. The only thing that has been turned off is the radio-transmitter. None of the data-collection software has been turned off.

## RESTORE THE ANALOG METER AS A METER OF CHOICE

**Digital and other Smart Meters have Billing Problems as well as contribute to health issues due to the mechanisms contained within them that impact the wiring and health of those in the home. Analogs don't have these problems and would be fair and equitable to consumers to have the analog meter restored as a meter choice--not just to residents who have already have them, but as a policy for all who should be informed regarding them and to be able to request them.**

Some main points as quoted by Bill Bathgate's, expert testimony at the Michigan House Energy Committee Meeting from that website on the Billing Issue is at <https://smartmeterharm.org/2018/02/25/electrical-engineer-explains-to-michigan-legislature-why-smart-meters-are-causing-high-bills-video/>

- These Smart Meters and digital meters have a switched mode power supply inside that creates harmonics, also known as transients.
- The transients travel on the wiring throughout the home.
- Transients are seen by the current sensors and voltage sensors in the meter and are counted as consumed electricity.
- Other electric appliances have "EMC" filters in them to filter out transients. Smart Meter manufacturers did not put "EMC" filters in Smart Meters or digital meters.
- No agency mandated "EMC" filters in Smart Meters or digital meters.
- Transients on the wiring equate to higher bills. Bill Bathgate has seen 16-40 volts peak-to-peak of transients.
- ANSI, which creates standards and tests meters, is a private industry-funded organization. It is not a federal standards agency.
- ANSI allows meter manufacturers to remove the electronics from digital meters before they are tested for compliance, including testing their ability to handle surges.
- ANSI's definition of accuracy is very, very different, and ANSI does not address the precision of Smart Meters to consistently and repeatedly give the right reading.
- Analog meters are transparent; a customer can verify their bill by looking at the meter.
- Smart Meters and digital meters' calculations and algorithms are known only to the utility company and cannot be verified by the customer. Contrary to utility company and Smart Meter manufacturer claims, the customer is NOT in control of their bill. Example of one customer who complained, and his bill dropped for no reason.

Contrary to the statements on the City of Ashland Electric Dept. website that the analog is not available or purchasable, This is simply not true. I've enclosed evidence, and it is purchasable below the \$30 price paid for the other meters. From ElectraHealth.com with discounts.

Request you charge the Electric Dept with complying with the Resolution. Analog meters have been changed out without notification to customers. Please address this right away as there was a claim in the newspaper Feb 21 Ashland was rolling out smart meters.

RESOLUTION NO. 2012-14

**A RESOLUTION ADOPTING AN OPT OUT POLICY FOR THE  
AUTOMATED METER READING PROGRAM**

Recitals:

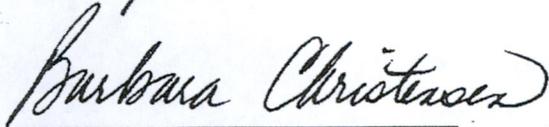
- A. The City currently has a program to read utility meters automatically utilizing radio frequency technology.
- B. The City recognizes that some individuals believe there is a health concern related to exposure to radio frequency technology and would appreciate an alternative method of gathering readings at their place of residence.
- C. The City desires to establish a policy in which a customer may choose to reduce possible exposure to radio frequency transmissions by electing to not have such technology used to collect utility readings from their place of residence.

THE CITY OF ASHLAND RESOLVES AS FOLLOWS:

SECTION 1. The City hereby establishes an "opt out" policy for meter reading.

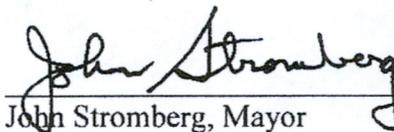
SECTION 2. There will be no fees or charges for the customer electing to "opt out" of the radio frequency meter reading program.

SECTION 3. This resolution was duly PASSED and ADOPTED this 15 day of May, 2012, and takes effect upon signing by the Mayor.



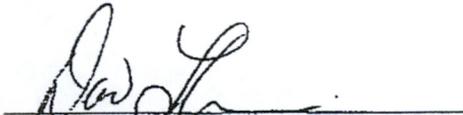
Barbara Christensen, City Recorder

SIGNED and APPROVED this 17 day of May, 2012.



John Stromberg, Mayor

Reviewed as to form:



David Lohman, City Attorney

## Election For Mechanical Analog Meters Only

To: City of Ashland Electric and Water Dept. Ph:: (541) 488-5357 Fax: (541)552-2436  
Electric & Water Dept. Account \_\_\_\_\_

Residence Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Daytime phone: \_\_\_\_\_ Cell: \_\_\_\_\_ Email address: \_\_\_\_\_

Owner of the Building: \_\_\_\_\_ Phone: \_\_\_\_\_

I (we), who reside at the above residence elect the protections afforded by mechanical analog meters only. I am, we are a new resident(s) \_\_\_\_\_ Established resident (s) \_\_\_\_\_

My/ Our concerns are based on possible negative health effects, the potential for a breach of privacy, lack of insurance coverage in the event of a fire with automated meters, and the potential for errors in billing that may result from the use now or upgrades to other types of meters in the future.

By signing below, I (we) request that any mechanical, analog meters at our residence REMAIN in place.

By signing below, I (we) also elect the protections from any NON mechanical meters that have been installed at our residence, to be replaced with mechanical analog meters. We request that this be done within a very short time period, of one month or less.

Account Holder(s) Printed Name(s) & Signature(s): \_\_\_\_\_

Date: \_\_\_\_\_ Are you renting? \_\_\_\_\_ You must have your landlord's permission.

Landlord's Printed Name and Signature \_\_\_\_\_

Landlord's phone and email: \_\_\_\_\_

**Disclosure:** I (we) understand smart meters which include non-RF digital meters are not mandatory. I (we) understand that should anyone in a single family home, multi-unit building, apartment, or complex not agree to the most protective measure, the "precautionary principle" dictates that the most preventive measure shall apply. The ALARA principles on radiation dictate "As Low as Reasonably Achievable" related to distance, intensity and frequency, and shielding from radiation emitting devices. Individual needs and abilities vary related to absorbability and removal of radiation; and smart meters meters have not been assessed by the government for health, nor has any utility revealed to residents the pros and cons of these devices as radiation emitting or transient producing devices. It is known, however, that an analog meter has zero (0) exposure to transients that run through the wiring of a house and emit no microwave emitting radiation which would otherwise be deployed on our living spaces 24/7. There are currently no warnings or customer control over the non-RF meter or other RF-1 or RF-2 or other devices placed on the same location 24/7 as the safe analog meter. I /We understand that I (we) have a right to choose to minimize my/ our risks of various types of radiation exposure in and around my/ our living spaces without undue stress or financial penalty to achieve this, and have weighed the risks and benefits of knowing my/ our energy usage vs health, privacy, insurance, billing or other concerns.

Account holders(s) Initials \_\_\_\_\_ Landlord's initials \_\_\_\_\_

# Dirty Electricity

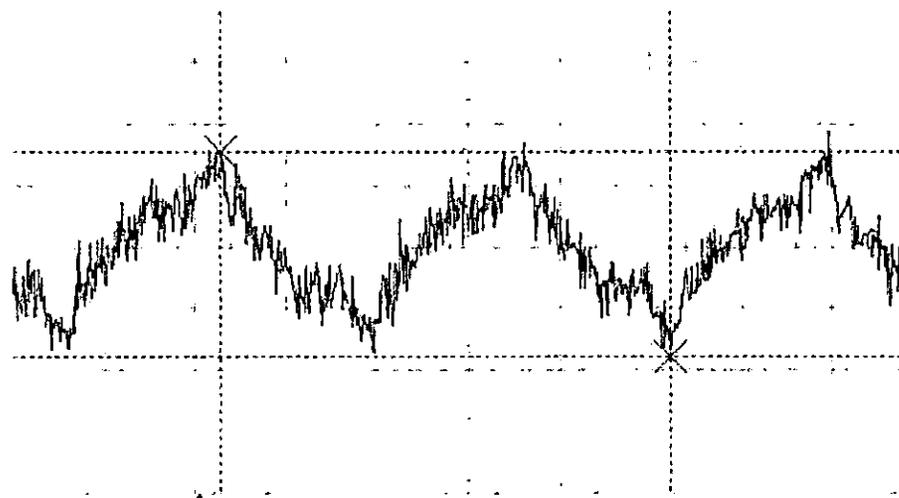
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-- Our cells cannot handle a highly variable current, and

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This is from <http://www.SmartMeterEducationNetwork.com>

**Cost / Benefit Ratio Should be Obvious even without \$\$ figures!  
Analog Electro Mechanical Meters (Non-RF, no dirty electricity)  
vs Radio Frequency and/or Smart Meters**

<b>According to some experts / reports by consumers:</b>	<b>Electro Mechanical Analog Meters</b>	<b>Smart Meters (Electronic)</b>
RF Radiation Exposure	<b>No</b>	<b>YES</b>
Part of mesh network that blankets community with RF radiation	<b>No</b>	<b>YES</b>
Health complaints	<b>No</b>	<b>YES</b>
AAEM physicians' association warnings about health effects	<b>No</b>	<b>YES</b>
Santa Cruz Health Dept. warnings about RF radiation emissions	<b>No</b>	<b>YES</b>
Privacy Intrusion	<b>No</b>	<b>YES</b>
Hackable	<b>No</b>	<b>YES</b>
Utility collects personal energy use data	<b>No</b>	<b>YES</b>
Data on your personal energy use may be provided to 3rd parties	<b>No</b>	<b>YES</b>
Can cause "dirty electricity" emissions on wiring	<b>No</b>	<b>YES</b>
Can be used to power down or shut off your appliances	<b>No</b>	<b>YES</b>
Can be used to remotely shutoff your utility service	<b>No</b>	<b>YES</b>
Can be used to charge for Time-of-Use rating	<b>No</b>	<b>YES</b>
Higher bills complaints	<b>No</b>	<b>YES</b>
Appliance Burnout Complaints	<b>No</b>	<b>YES</b>
Associated with numerous house fires	<b>No</b>	<b>YES</b>
Interference w/ wireless devices	<b>No</b>	<b>YES</b>
Safety complaints	<b>No</b>	<b>YES</b>
Can contribute to electrical grid failure	<b>No</b>	<b>YES</b>
Meter has short life	<b>No</b> - last 30-50 years	<b>YES</b> - last 12-15 years

Sourced from:

<http://www.electrosmogprevention.org/stop-ca-smart-meter-news/san-diego-county-smart-meter-news/benefits-of-analog-meters-vs-smart-meters-why-you-should-opt-out-today/>

PLEASE PLACE ON  
THE RECORD.

5/15/18 Business Meeting  
Ashland City Council & Mayor

Mayor & Councilors;

Subject: Re-appointment to Commissions Consent Agenda Item

Having read the list of re-appointments to various City Commissions, we were astounded NOT to see Dave Young reappointed to the Transportation Commission. Many of the other Commissions have members who have served repeatedly, so saying Dave has served long enough, and we need new blood is hogwash. We are well acquainted with Dave and the other TC members. We spent many hours at TC meetings while they discussed, examined and dissected important City projects. Dave was one of the more persistent members in getting clarifications. Dave went out of his way to "sit in" by Skype from London, interrupting a planned trip to honor his son, when a particularly critical item was on the TC agenda.

We believe if you were to talk to his fellow TC members they would tell you his historical knowledge of City actions and past decisions is invaluable to many of the newer to Ashland TC members. He always conducts himself in a professional manner even when he does not agree with another individual, either a TC member or the public.

Now several important items are due to be on the TC Agenda the day after tomorrow, 5/17/18, that Dave wants to work on:

\*UBER proposal, sent over to you, the CC, and now back to the TC for further work.

\* TGM Grant Proposal which has been thinly sketched out but lacks details and demands much more examination to see if it is the best plan to be implemented and addresses TC concerns.

SO WHAT IS GOING ON?

Dave has contributed invaluable knowledge and energy to the TC recommendation process.

Dave has put public service above personal leisure time in order to serve.

Dave respects and follows protocols and process.

Dave requested reappointment before the request deadline.

Dave was blindsided by the Mayor who did not reappoint him.

Dave has asked to meet with the Mayor TWICE prior to tonight.

The Mayor has not made himself available to meet Dave.

SO WHY HAS MAYOR STROMBERG FAILED TO REAPPOINT DAVE YOUNG TO THE  
TRANSPORTATION COMMISSION??

Dave's exemplary past performance and dedication do not support failing to reappoint him.

Though not included in tonight's Agenda, we hope the Mayor adds Dave's name for reappointment and the Council's consideration THIS evening.

We urge the City Council to request DAVE YOUNG'S REAPPOINTMENT to the Transportation Commission. If you want citizens to volunteer, respect their contributions by listening.

Thank you

Susan & Ted Hall  
210 E. Nevada  
Ashland, Oregon  
Srhallrn@comcast.net

Susan Hall  
Ted Hall



**(VERIFY ANY NEW EX PARTE CONTACT FROM #2 ABOVE)**

**5. STAFF REPORT**

**At this time, I call for the staff to present the proposal.**

**5. APPLICANT'S PRESENTATION**

**Would the applicant please come to the podium, state your name, address and make any comments you may have for the council regarding the application?**

**\*\*Applicant is given 15 minutes to present proposal, at 14 minutes they will be asked to conclude their remarks.**

**6. THOSE WISHING TO PROVIDE TESTIMONY – IN FAVOR AND OPPOSED**

**“I will now call forward those who have filed testimony request forms. Each person will have 5 minutes. Please come to the podium, state your name, address and make any comments you may have for the council regarding the application. If you have any documents to be submitted into the record, please deliver these to the City Recorder.”**

**7. REBUTTAL BY THE APPLICANT**

**Does the applicant have any rebuttal?**

**\*\*Applicant will be given 5 minutes of rebuttal time, after which the public hearing portion will be closed**

**8. CLOSE PUBLIC HEARING**

**At this time, I will close the public hearing as we have had no requests for continuance. The record is now closed.**

**9. REQUESTS TO SUBMIT FINAL WRITTEN ARGUMENT**

**Does the applicant wish to submit any final written argument?**

**10. ADVICE FROM LEGAL COUNSEL AND STAFF**

**Does the council have any questions of staff or does the staff have any matter they wish to respond to?**

**12. COUNCIL DELIBERATION AND DECISION**

**“What is the pleasure of the council?”**

# 475 East Nevada Street

CITY OF  
ASHLAND

City Council  
Cont'd Land Use Hearing  
& First Reading  
May 15, 2018



# 475 East Nevada Street

## Proposal

### Legislative Items - Council Ordinance Adoption

- Comprehensive Plan Map Amendment** (*Single Family Residential Reserve to North Mountain Neighborhood Plan*).
- Zone Change** (*RR-.5-P to NM-MF*). *Base density would change from 1.2 d.u./acre to 12 d.u./acre.*

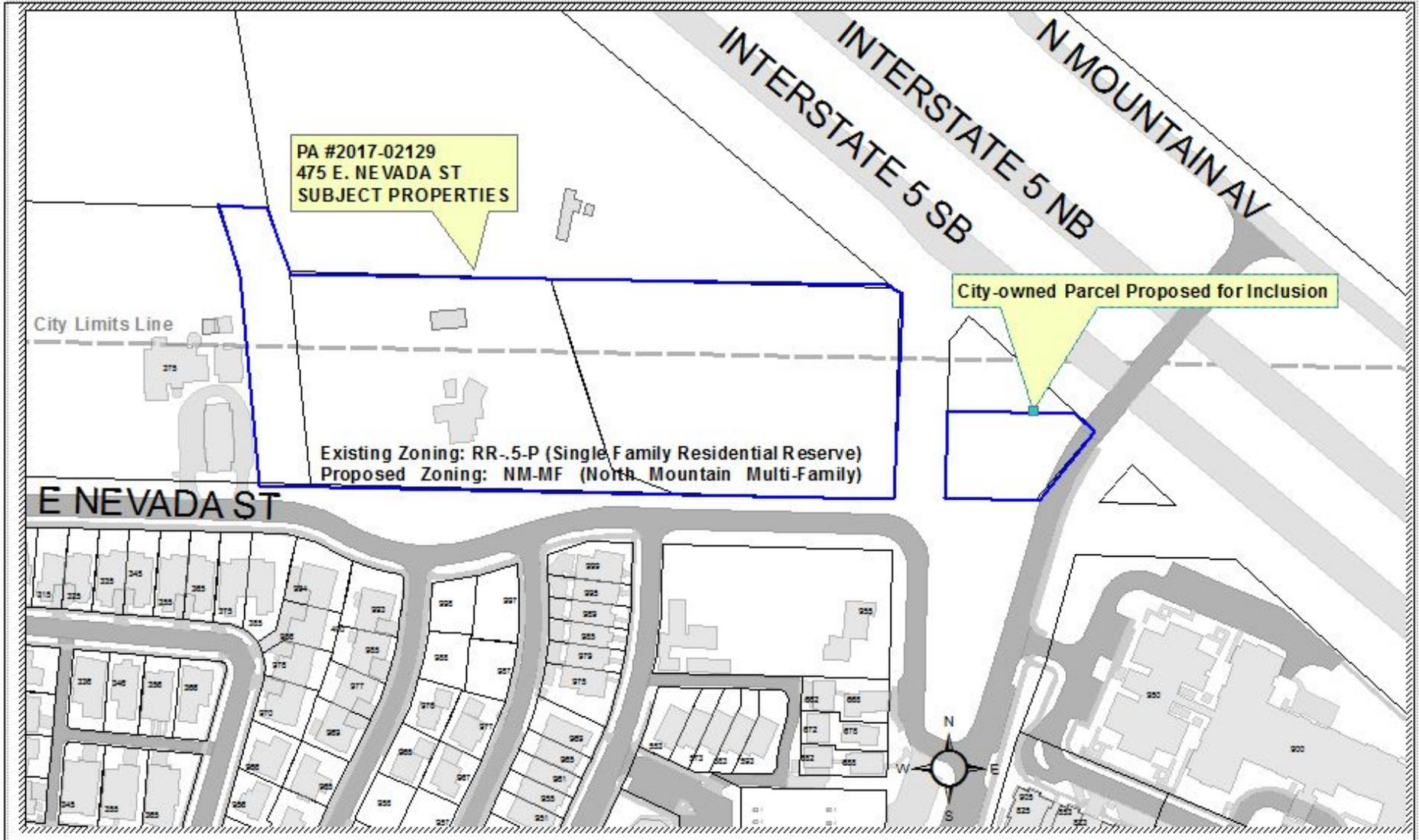
### Land Use Items - Planning Commission Has Conditionally Approved

- ✓ **Outline Plan** approval for a 20-lot, 23-unit subdivision.
- ✓ **Site Design Review** approval.
- ✓ **Tree Removal Permit** to remove ten trees greater than six-inches in diameter at breast height (d.b.h.).
- ✓ **Exception to Street Standards** to not install bike lanes, and to not install sidewalks on a portion of East Nevada Street.

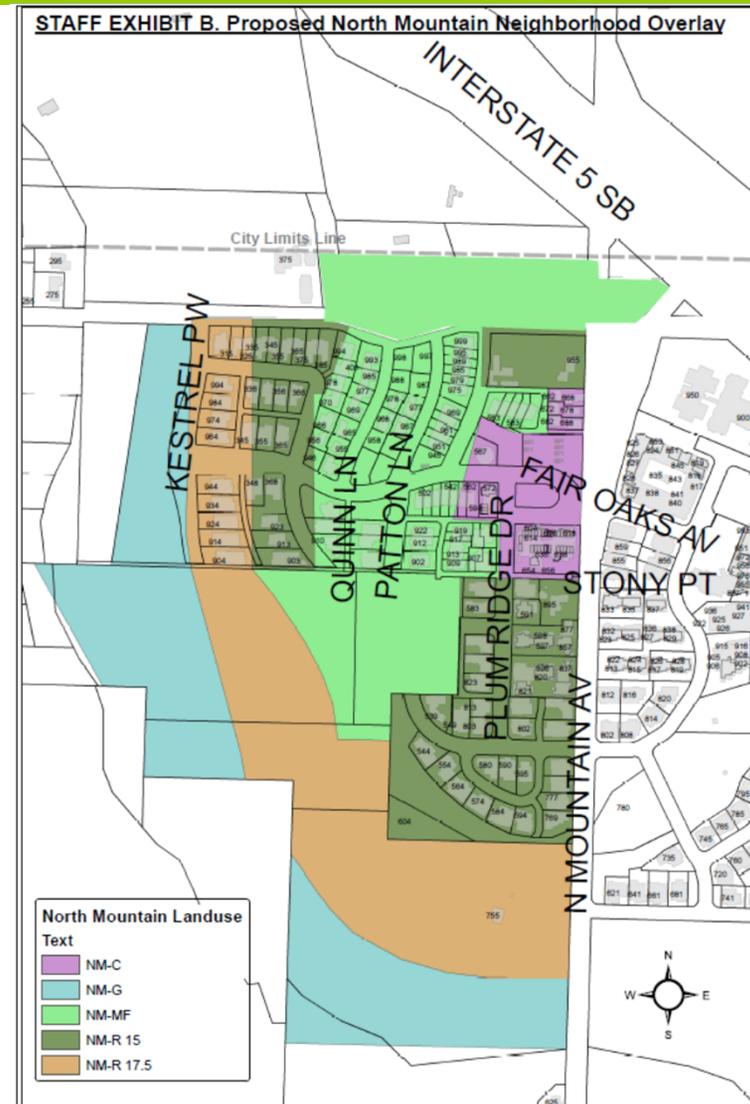
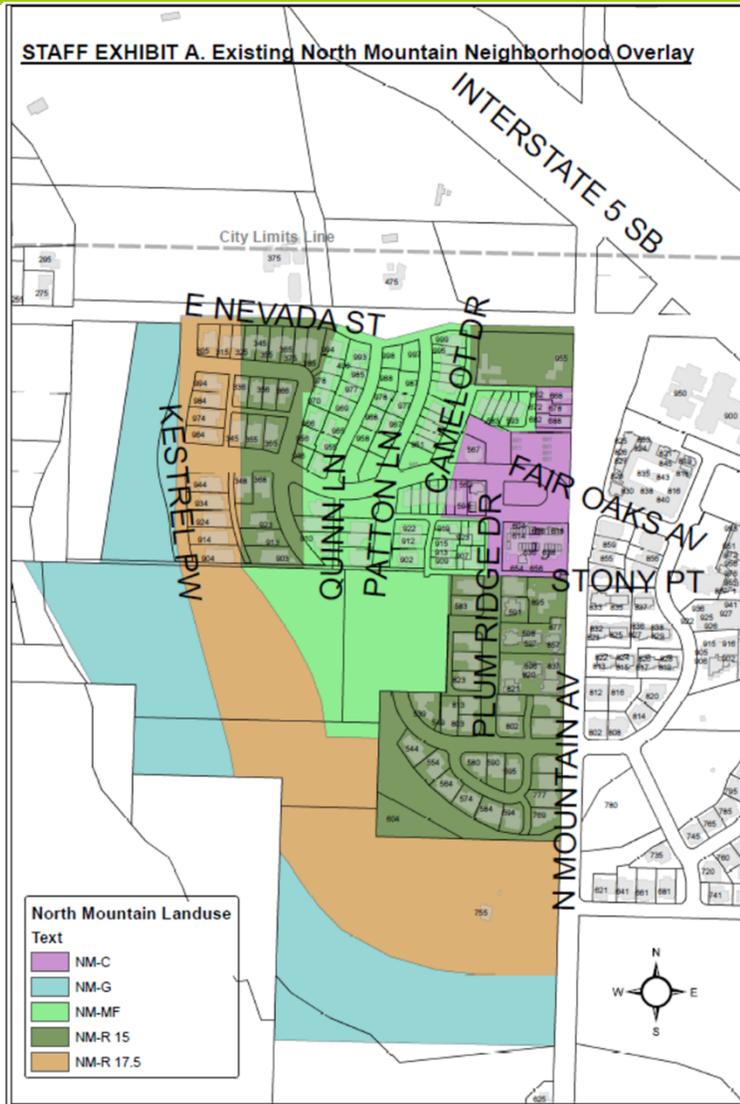
*(NOTE: Portions of the subject properties are located outside of the city limits; the current request involves only those portions within the city limits.)*

# 475 East Nevada Street

## Vicinity Map



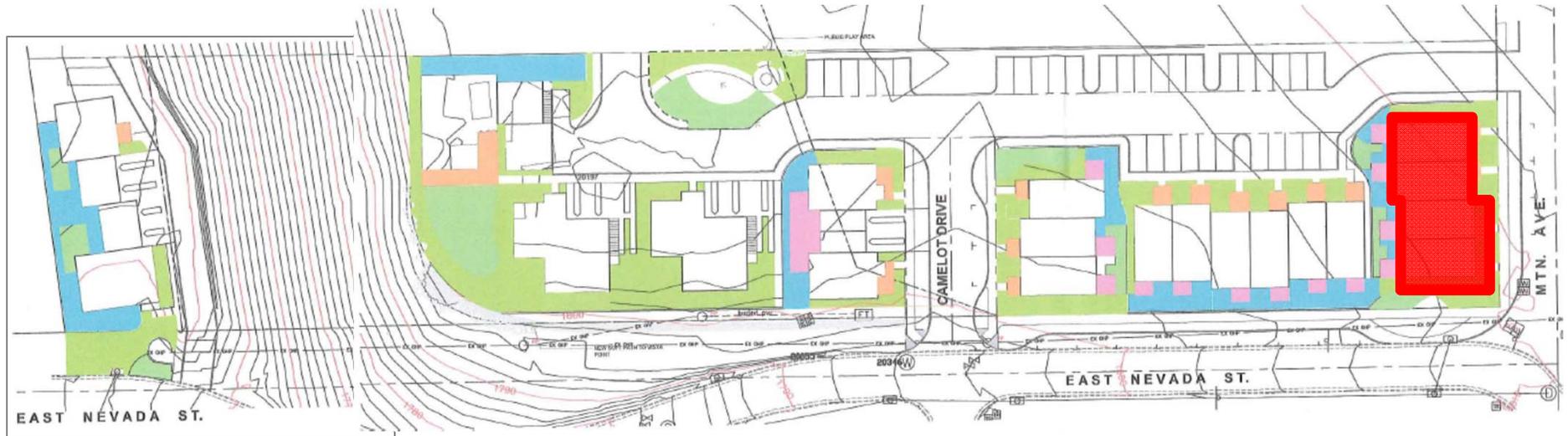
# 475 East Nevada Street



# 475 East Nevada Street

CITY OF  
ASHLAND

## Applicant Affordable Housing Proposal



**Applicants to construct four affordable units themselves at 60% AMI which could be offered for rent or sale (*No longer transferring to non-profit*).**

# 475 East Nevada Street

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Exceptions Requested At March CC Hearing

- Clustering of Affordable Units (**PC supported**)
- Mix of Unit Types (**PC did not support**)
- Timing (**PC did not support**)
- Materials & Amenities (**PC did not support**)
- Term of Affordability (Reduce 60 to 30 years)
- Maximum Purchase Prices

# 475 East Nevada Street

## Exceptions Requested

- **Clustering of Affordable Units (PC supported)**
- **Mix of Unit Types\* (PC did not support)**
- ~~Timing\*\* (PC did not support)~~
- ~~Materials & Amenities (PC did not support)~~
- ~~Term of Affordability (Reduce 60 to 30 years)~~
- ~~Maximum Purchase Prices~~

\*Unit types refers to mix of number of bedrooms; staff do not believe an Exception is necessary here.

\*\* Timing 50% of affordable be issued permits prior to occupancy of last **of the first** 50% of market rate.

# 475 East Nevada Street

## Staff Recommendation

- Approve the request, as recommended by the Planning Commission, to include the exception to allow the clustering of the affordable units.
- Require that the three smaller units over the garages be constructed (*i.e. not left as optional on the applicants' part*).
- Consider requiring three *additional* small rental units, for a total of 26, which would include 6 small market-rate rentals, 4 affordable units and 16 market-rate for-purchase units.
- Conduct first reading of the ordinance and move to second reading.

# 475 East Nevada Street

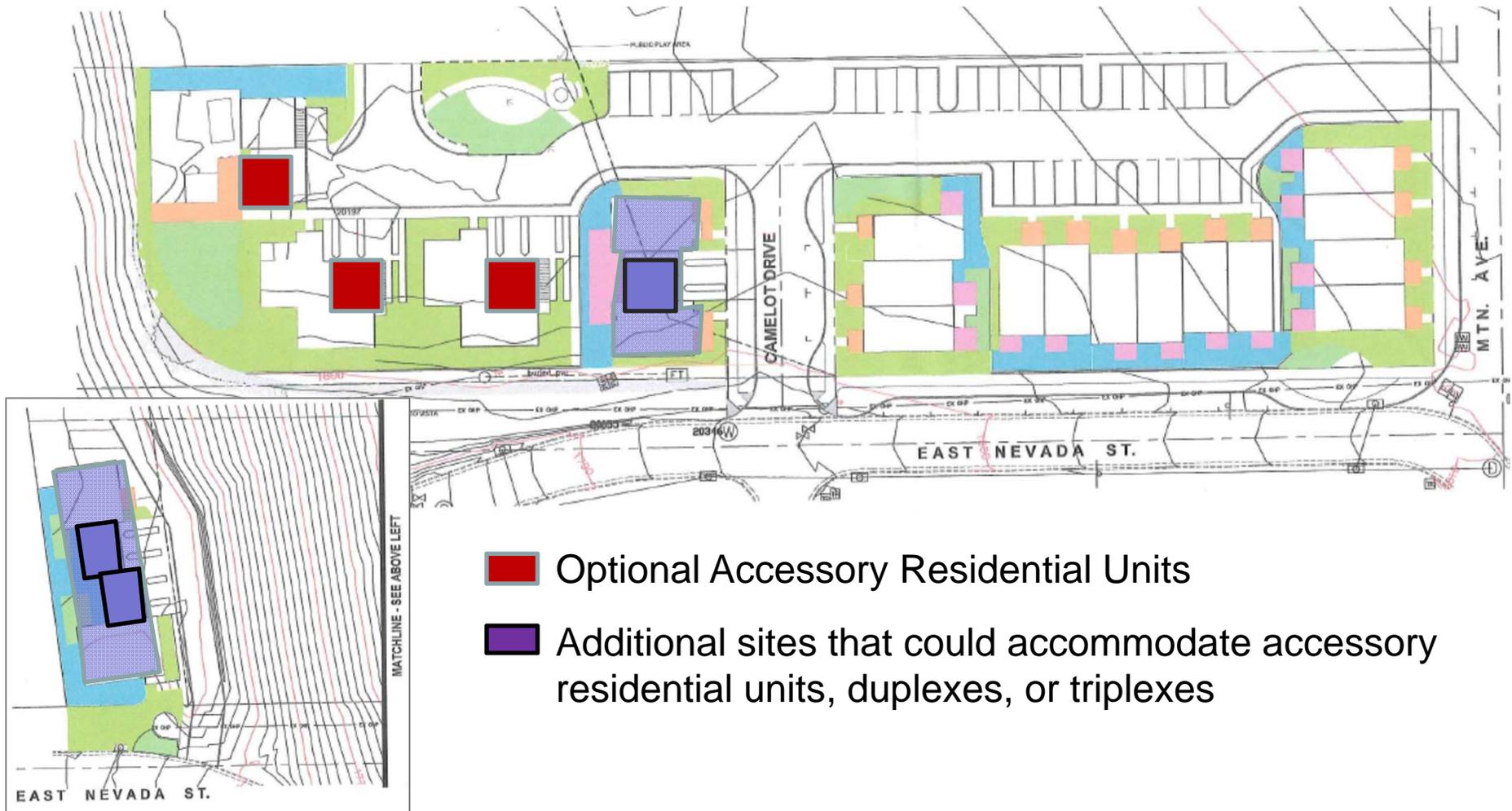
CITY OF  
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City Council  
Cont'd Land Use Hearing  
& First Reading  
May 15, 2018



# 475 East Nevada Street

## Opportunities for Market Rate Rental Housing



# Land Use Decision amending the Comprehensive Plan Map designation and zoning for 475 E Nevada Street

Joanne Johns <jbsjohns@yahoo.com>

Mon 5/14/2018 1:14 PM

To:planning <planning@ashland.or.us>;

## City Council Members:

We will be out of area and unable to attend the Tuesday, May 15th City Council meeting, at which this land use decision will be decided, so we are submitting written comments to be entered into the record at the meeting.

We have concerns regarding the proposed development, which are outlined below:

There has been little if any discussion of the project among residents of Meadowbrook Park, as no one knows about it. The residents of Skylark and Mountain Meadows will be affected as well, and the majority are unaware of it. Signs on the property came down long ago. The concerns center around increased traffic and safety, and we question the need for additional units in this area.

Due to the road diet on North Main Street, Eagle Mill Road has become an alternate route, and is quite dangerous to travel. When traffic comes off Eagle Mill onto Mountain, the cars can be going pretty fast, and the turn off into and out of narrow East Nevada can be dangerous, as it is difficult to see oncoming traffic. As well, there are residents of the areas that are crossing South Mountain in that area. Once you are on East Nevada, the proposed extension off East Nevada (new street) is on a 15 mile per hour corner, which is already very dangerous, as it is narrow and you cannot see oncoming traffic or pedestrians as you go around the corner. If cars are parked on the side of the street (which is allowed and is common), one car can barely pass through. There is no sidewalk on a portion of E Nevada and pedestrians from Skylark and Mountain Meadows walk on the street, which is already dangerous. It is difficult to understand how the existing streets can safely accommodate the addition of 20 - 23 more housing units.

The extension of Camelot Drive to the new subdivision, with no sidewalk on East Nevada for a portion of the street; with the proposed pedestrian crossing is also problematic, as East Nevada curves quite a bit and you would not be able to see pedestrians that would be crossing as you are driving up the hill. As well, East Nevada is quite narrow and if cars are parked on the street, only one car is able to pass through at a time.

Meadowbrook Park is not built out yet; there are some lots yet to be built on, and a proposed condominium project is approved, on the corner of Fair Oaks and North Mountain, with construction not started yet, which will add more units and limited parking.

It is our feeling that the project should be denied at this time. The site does not appear to be suitable for a safe development on this scale. Until Meadowbrook Park is built out, it cannot be known what the traffic picture in the area truly is, and we don't see the need for additional units in the area, when there are already many approved, which are not yet built.

Thank you,

Brian and Joanne Johns  
979 Camelot Drive  
Ashland, Oregon 97520