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September 2018

Basic Education and Literacy Month

Maas Energy

Doug Bryant from Maas Energy Works was our speaker this week. He presented on Maas Energy and their Manure Digesters (yes, you read that right). He reviewed a little bit of history about Maas Energy, explained what a "Manure digester" is, and how the business functions.

The company's owner, **Daryl Maas**, grew up on a dairy farm and got started working on the digesters after serving in the Air Force and returning to Linden, Washington when he grew up. He was approached by a local dairy farmer who had heard about the digesters and asked Daryl to look into it. Daryl then learned all about manure digesters, built one, and continued to successfully grow Maas Energy from there.

According to the Maas Energy website, "for years, dairy farmers have been collecting cow manure, storing it, and using it as a renewable fertilizer. A manure digester unlocks even more value by extracting energy from manure." To sum it up for you, the methane gas that is released as the manure decomposes is captured by the digester and converted into energy which is then sold back to the energy companies (in our area, PG&E).

Maas Energy has gotten so good at installing and managing manure digesters that they've opened 13 digesters in recent years. They also have 38 additional projects in development. Maas Energy will review a dairy farm's situation, help them apply for state grants to cover costs of the installation, and manage the digester for the farmer once it's installed. Their operations have grown to the point that they are now also building and distributing digester machines.

The nice thing about energy from a manure digester, Doug explained, is that unlike other natural resources (water, wind, or solar), the energy produced here isn't dependent on the weather. In other words, it's not seasonal so you can depend on having it year round. You don't need the water to be thawed and flowing freely, the sun to be shining brightly, or strong winds to produce power. Cows are always making the fuel needed to create energy through the digesters!



This Week's Meeting

This week's meeting was brought to you by Team 7 captained by **Rick Hill & Rory Greek**. Greeters were **Leslie Williem**, **Rachel Hatch** and **Eva Jimenez**; they were joined by Keyway Greeter **Susie Michiels**. Invocation was given by **Joe Wyse** (assisted by **Joe Ayer**); the pledge was lead by **Jeff Darling**; the Sergeant-at-arms were **Michael Dacquisto & Levi Knight**. Finally, PP **Ed Rullman** introduced our visiting Rotarians and guests. Thank you to everyone for working together for a great meeting!

This year's door prizes were a special treat, three very nice gift certificates for Win River Casino courtesy of **Maria Orozco**. Thanks, Maria!

Club Assembly Next Week

The Club Assembly meeting coming up on Thursday, September 6th is for club members-only. Please save your guest attendance for the following week.

This year's Club Assembly will cover topics such as our club finances (how much money we have and where we've spent it), "Channeling my Inner Lou Gerard" (i.e. meeting protocol), and assisting with weekly meeting preparation (such as getting AV files to the committee on time).

See you all there!

President Greg's Recognitions

Lindsay Myers—Her Old Fashioned drink (made from a special family recipe) won first-place in the "Drink Contest" at her Team Social. Lindsay gave \$100 to the club for the recognition.

President Greg's outfit at the Team Social caused such a stir that he was fined \$50 by PP **Ed Rullman**.

Tiger & Susie Michiels—They took a trip to June Lake as they do every year, but didn't stay long this time. They learned about the Carr Fire and came back home quickly. Tiger gave \$100 to Susie's Paul Harris and Susie gave \$100 to Tiger's Paul Harris.

Lou Gerard—He helped uncovered (again) a historic sign of a "Studebaker" dealership at the location of his former car dealership, "Lou Gerard Motors". Lou gave \$100 to the Foundation for sharing his story.

Stacey Crain—She and her family went on a trip to Mississippi and made fun stops along the way. She highlighted a photo of she and her son at the Grand Canyon and shared \$100 with the club.

Dee Domke—Her new condo is the perfect fit for her, but she didn't share any pictures of it because she said, "all of them had this little old lady in them"! She shared \$100 since she said, "I'm lovin' it!"

Maurice Johannessen—He is a Great Grandfather... again! The photo of his newest Great Grandson is absolutely precious and he started another Paul Harris for \$100.



Thanks for your recognitions!

September Birthdays and Anniversaries

Member Birthdays	Birthday
Allen, Robert O. (BOB)	18-Sep
Bambauer, Sherrill (SHERRILL)	16-Sep
Darling, Jeff (JEFF)	6-Sep
Dean, Joanna (JOANNA)	10-Sep
Flores, Judy (JUDY)	30-Sep
Karnatz, Karen Mary (KAREN)	9-Sep
Lyons, Silas (SILAS)	20-Sep
Malain, Kathy (KATHY)	1-Sep
Seamans, Kendell D. (KEN)	5-Sep
Thomas, Timothy W. (TIM)	15-Sep

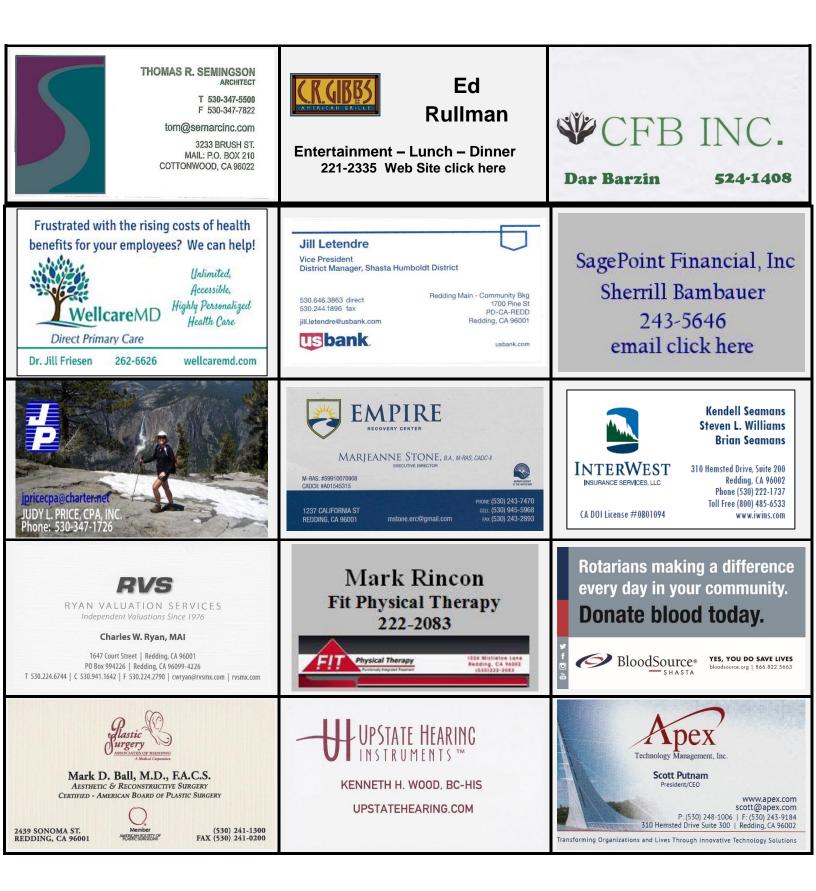
Member Anniversaries	Start Date	Years	Years(P)	Total
Ashby, Michael (MIKE)	9/4/2003	15	0	15
Barzin, Azi (AZI)	9/1/1988	30	0	30
Finnegan, Jennifer R. (JENN)	9/3/2015	3	0	3
Hedayattzadeh, Saeed (SAEED)	9/28/2017	0	0	0
Karnatz, Karen Mary (KAREN)	9/3/2015	3	6	9
Kehoe, David (DAVID)	9/16/1993	24	0	24
Kempley, Diane (DIANE)	9/1/2005	13	0	13
Kipp, William P. (BILL)	9/30/1982	35	0	35
Michiels, Susan K. (SUSIE)	9/15/2016	1	0	1
Phelps, Norman (NORM)	9/3/1987	31	0	31
Poch, Eugene F. (GENE)	9/26/1991	26	0	26
Reynolds, Charles Ron (RON)	9/30/1982	35	0	35
Semingson, Thomas R. (TOM)	9/14/2016	1	30	31
Ward, Amelia Delatorre (AMELIA)	9/30/2004	13	0	13
Wood, Kenneth H (KEN)	9/30/2004	13	0	13
Wyatt, Cathleen (CATHY)	9/18/2014	3	0	3
Wyse, Joe (JOE)	9/8/2011	6	0	6

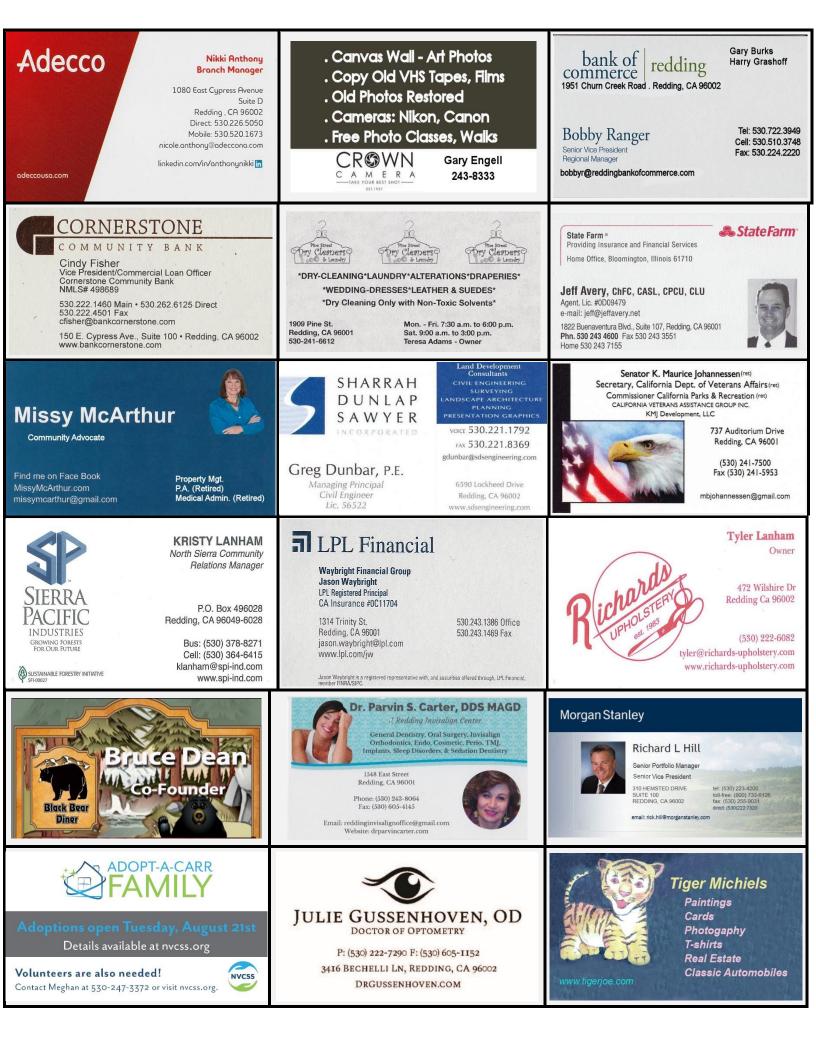
Calendar		
September 6	Club Assembly	
September 13	Bill Cornelius—State Theatre for the Arts	
September 20	Paul Kjos – Ag Commissioner	
September 27	ТВА	
October 4	District Governor	
October 11	Sasha Berleman – Redding Hot Shots	
October 18	Natalie Putnam	

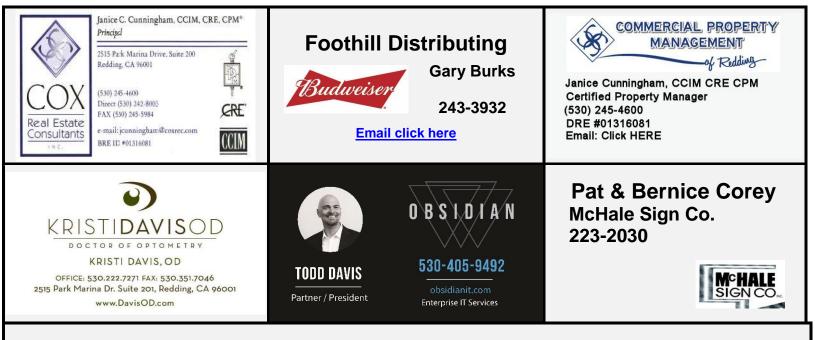
September Birthdays and Anniversaries

Partner Birthdays	Member Name	Birthday
Anderson, Michelle	Anderson, Jonathan	14-Sep
Bridgett, Sean	Bridgett, Stephanie	15-Sep
Darling, Rhonda	Darling, Jeff	22-Sep
Finnegan, Ryan	Finnegan, Jennifer R.	29-Sep
Fisher, Ed	Fisher, Cindy	16-Sep
Howland, Lori (LORI)	Howland, David	21-Sep
Lucero, Dennise	Lucero, Fred	21-Sep
Lyons, Silas	Lyons, Kristen	19-Sep
Wyatt, James (JAMES)	Wyatt, Cathleen	21-Sep

Wedding Anniversaries	Partner's Name	Anniversary	Years
Anderson, Jonathan (JONATHAN)	Michelle	12-Sep	7
Anderson, Kathy Ann (KATHY)	Dennis	29-Sep	44
Anthony, Nikki (NIKKI)	Jim	18-Sep	13
Barzin, Azi (AZI)	Alene	3-Sep	54
Bosenko, Tom (TOM)	Louann	14-Sep	38
Farquhar, Jay (JAY)	Joan	1-Sep	45
Grashoff, Harry L (HARRY)	Paula	7-Sep	60
Lees, Larry (LARRY)	Toni	5-Sep	42
Letendre, Jill (JILL)	Brett	27-Sep	14
O'Lea, Peggy (PEGGY)	Dennis	9-Sep	39
Redmon, Maggie (MAGGIE)	Theresa	11-Sep	34
Rullman, F. Edward (ED)	Debbie	8-Sep	33
Seamans, Brian (BRIAN)	Robyn	7-Sep	15
Tallerico, Joseph A. (JOE)	Pat	6-Sep	47
Wyatt, Cathleen (CATHY)	James (JAMES)	24-Sep	12







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