



Chapter 11: September-October 2018



SRWA RECOGNITION LUNCHEON

Join us to recognize Past Presidents, SR/WAs, 25+ Year Members and Retired Members!

These members will receive a FREE lunch! Make sure to email Lida Jimenez directly to reserve your FREE Lunch! ljimenez@semprautilities.com

Where? Handlery Hotel
950 Hotel Cir N, San Diego CA 92108

When? October 24, 2018

Registration: 11:30 a.m. - 11:45 a.m.

Luncheon: 11:45 a.m. - 1:00 p.m.

COST:

\$25/pp with reservation; Non-members and walkups \$30/pp

RSVP MUST BE RECEIVED by:

2:00 p.m. on Friday, October 19, 2018

RSVP To Lida Jimenez: ljimenez@semprautilities.com

Or online at <http://www.irwa11.org/events/>

NO-SHOWS: IRWA is billed for meals based upon your reservation whether you attend or not. If you make a reservation and do not attend, you will be invoiced \$30 for the meal to recover costs. Thank you for your consideration.

Upcoming Events:

Executive Board Meetings:

September 26, 2018 —12:00 noon to 1:00 p.m.
at the SD County Water Authority,
4677 Overland Drive, San Diego

October 31, 2018 —12:00 noon to 1:00 p.m. at
the SD County Water Authority,
4677 Overland Drive, San Diego

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President's Message



Welcome back to a new “year” at San Diego Chapter 11. I am honored to be the President again this year, although it is astonishing to realize it has already been over 4 years since I last held this position.

I would like to thank Fred Clark for everything he did last year as President of our chapter. His dedication and love for the IRWA, San Diego and the members of our chapter is evident in everything he does. Thank you for being a mentor and strong leader for this chapter!

In the Right of Way profession, we are always looking into the future. What’s the next project, the next road, the next rail line, water line, dam, sewer, airport, port, etc. In keeping with that “what’s next” outlook, I would like our chapter to be forward-thinking and to make sure we are staying relevant and educated in an ever-changing world. How do we do that? I believe we do that by focusing on a few areas:

1. Support our education committee to ensure a wide variety of classes and seminars continue to be offered,
2. Ensure our website and social media platforms remain current and up-to-date so information is there when and where you need it, and
3. Inspire our new members/younger members to get involved on the Board and committees so that it continues to be revitalized

Back in 2010 I was encouraged to attend a Board meeting by former Chapter member Bill Busch and because of his support I have served on the Board since then. I was even given the opportunity to co-host the International Education Conference in 2015. I want us all to be champions for the next generation. I look forward to a great new “year”.



Lucille Galvin, MAI, SR/WA
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Cell (619) 846-5928

New Build Act Makes Brownfield Redevelopment Feasible By Dan Johnson, Vice President, SCS Engineers

The Brownfields Utilization, Investment, and Local Development Act of 2018 (BUILD Act), amends the Brownfields provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Brownfields are sites that have been impaired by historical uses and are or may be contaminated. Concern over environmental liabilities used to mean these sites often sat vacant, resulting in neighborhood blight. The CERCLA Brownfields amendments in 2002 provided a means of overcoming liability concerns, and thousands of Brownfields sites have been safely redeveloped.

The 2018 BUILD Act provides new opportunities to communities working to redevelop environmentally impaired properties and increases funding—it “authorizes” appropriations for Brownfield projects of \$200 million for each of fiscal years 2019-2023, including projects to protect flood-prone areas and provide clean energy.

Highlights of the BUILD Act include:

Local Government/Alaska Native/Non-Profit

Expands funding eligibility to include non-profit organizations and community development entities.

Extends applicability of brownfields grants for certain government entities that acquired title “by virtue” (e.g., due to abandonment) and/or for properties acquired before January 2002, even if the entity does not qualify as a Bona Fide Prospective Purchaser (BFPP), so long as the entity did not cause or contribute to release of hazardous substances.

Adds an exclusion from the CERCLA definition of owner and operator under the Alaska Native Claims Settlement Act.

Continued on page 5



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Facsimile (858) 565-4916

rob@jrcevaluation.com
www.jrcevaluation.com

San Diego Education Opportunities: 2018



Sign up as a Course Coordinator today to become eligible for free classes.

For information on becoming a Course Coordinator, please contact Education Chair Bethanee Lussier at: bethanee.lussier@clarklandresources.com

September 13-14, 2018 (2 day) - Course 400 Principles of Real Estate Appraisal

This course enables participants to demonstrate a basic knowledge of the valuation process and its components. Two case studies (residential and commercial) are utilized throughout the course.

October 4-5, 2018 (2 day) - Course 205 Bargaining Negotiations

This course teaches the skills required to win at bargaining negotiations. Problem-solving negotiations are widely accepted as the preferred type of negotiations. However, successful acquisition professionals must be effective at both bargaining and problem-solving negotiations so they are thoroughly prepared in the event that they encounter an attorney or property owner who insists upon a hard bargaining stance.

November 8-9, 2018 (2 day) - Course 215 Right of Way Acquisition for Pipeline Projects

This course is designed specifically for right of way professionals working in the pipeline industry but useful for any linear right of way acquisition program, including electric transmission lines. This comprehensive course emphasizes areas of pipeline right of way acquisitions that benefit both executive and entry level professionals. In addition to the topic chapters listed below, participants will receive sample checklists, charts, forms, reference lists, facts sheets, glossary of pipeline related words, and sample correspondence letters, all of which are designed to help the pipeline professional.

Do you have time to volunteer and want to become more involved with IRWA? Chapter 11 has vacancies and could use you! Please contact any board member for more information!

RICHARD CROCKETT
Senior Appraiser
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rich@calval.org

Crockett & Associates, Ltd.

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www.jrcvaluation.com Facsimile (858) 565-4916

New Build Act Makes Brownfield Redevelopment Feasible (Continued from page 3.)

Responsible Party and BFPP

Allows cleanup of petroleum sites "for which there is no viable responsible party".

Expands BFPP liability protections to lessees who can establish, by a preponderance of the evidence, each of the eight criteria.

Grant Programs

Establishes a program to provide multipurpose grants to eligible entities. These multipurpose grants would allow spending for inventory, characterization, assessment, planning, and/or remediation activities at brownfields sites within a designated area.

Adds grant selection criteria to promote waterfront redevelopment ("Waterfront Brownfields Grants") and clean energy development involving Brownfields sites.

Clean energy is described in the criteria as facilities that generate renewable electricity from wind, solar, or geothermal energy, and any energy efficiency improvement project, including combined heat and power systems. Renewable biogas (e.g., landfill gas) projects are not listed explicitly.

Provides for Technical Assistance Grants to "assist small communities, Indian tribes, rural areas, or disadvantaged areas."

Funding/Administrative Costs

Increases funding to \$500,000 (not to exceed a total of \$650,000) for remediation at each site.

Allows (with restrictions) up to 5% of grant monies to be spent on administrative costs.

Brownfield projects protect human health and the environment while returning properties to beneficial use.

Dan Johnson, P.E., is a Vice President of SCS Engineers and a National Specialist on Brownfields and Landfill Redevelopment. He has more than 30 years of experience providing environmental assessments, remediation services, professional civil engineering, civil engineering design, and project management. He is a nationally recognized expert on the handling of hazardous materials issues related to real estate transactions and development on contaminated properties.

 <p>DM&A DESMOND, MARCELLO & AMSTER ESTABLISHED 1968</p>	<p>WWW.DMAVALUE.COM (310)216-1400</p> <p>APPRAISALS OF LOSS OF GOODWILL FIXTURES & EQUIPMENT</p> <p>AARON AMSTER MADELEINE MAMAUX MARCUS PIGROM</p>	<p>CWH CARL W. HARRY Real Estate Brokerage and Advisory Services Acquisitions Property Management Entitlements Development and Governmental Affairs</p> <p>Carl W. Harry Principal & Real Estate Broker Calif. BRE #00475879 (619) 884-7290 charry1@cox.net</p> <p>839 Shadow Ridge Place Chula Vista, Ca. 91914</p>
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EMPLOYER OF THE YEAR AWARD A CALL FOR NOMINATIONS

One of the hallmarks that make the San Diego Chapter recognized throughout the IRWA is our recognition of members and their employers. And now you can help us keep that notable reputation.

You have an opportunity to recognize your employer for their contribution in executing projects for the public good and their support of the IRWA. The Nominations and Awards Committee is seeking nominations for the 2018 Employer of the Year Award.

It's easy to make a nomination—just call or email your nominee to Carol Brooks, SR/WA at 760.525.2255 or cbrooks@cornerstonemanagementskills.com The dead line for submissions is Monday, **September 24, 2018 or sooner**

The award will be given to the successful employer at our Holiday Luncheon on December 12th. The Committee thanks you for your participation!



PROFESSIONAL OF THE YEAR and BALFOUR NOMINEE AWARDS A CALL FOR NOMINATIONS

Is there a person in your office or another Chapter 11 member, who exemplifies professionalism in the right-of-way industry? If so, your help is needed.

The Nominations and Awards Committee is seeking nominations for the 2018 Professional of the Year and the Balfour Nominee Awards. It's easy to make a nomination—just call or email the name(s) of your nominee(s) to Carol Brooks, SR/WA, 760.525.2255 or cbrooks@cornerstonemanagementskills.com

Please submit your nomination(s) by Monday, **September 24, 2018 or sooner**. Your nomination(s) will be submitted to the Committee for evaluation. The award will be given to the recipients of the Professional of the Year and the Balfour Awards at our Holiday Luncheon on December 12th.

The Committee thanks you for your participation!

Regional News



Southern Nevada Chapter 44 Welcomes You to the
2018 REGION 1 FALL FORUM
SATURDAY, October 20, 2018



HOTEL • CASINO • BINGO

Reservations may be made directly through the hotel's website at:
<https://www.plazahotelcasino.com/reservations>
or by calling 1-800-634-6575.
Use **Group Reservation ID SPINTRW**.

Reserve early! The hotel will guarantee our block of rooms only until September 18!

Saturday, October 20: Start the day off right with a continental breakfast served in Desert Wind Salon at 7:30 a.m., followed immediately by the Region 1 business meeting at 8:00 a.m.

Morning refreshments & afternoon snacks will be provided.

"Deluxe" rooms are **\$35 Thursday**/\$100 Friday

The hotel offers free garage parking for guests of the hotel, proximity to transportation to the Las Vegas Strip, in-room Internet (fees apply), 5 restaurants, a Food Court, pool & fitness center, and gaming.

More information will become available as the date draws nearer.

Host Hotel:
Plaza Hotel- 1 Main Street
800-634-6575

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IRWA Education
Learn. Lead. Advance.

Education Opportunity
IRWA Fall Seminar
(Qualifies for 8 IRWA CE)
Friday, October 19, 8:00 a.m. to 5:00 p.m.
at Plaza Hotel - Desert Wind Salon
1 Main Street, Second Floor
Coordinator: Alis Gause
702-862-3472

IRWA
SOUTHERN NEVADA
CHAPTER 44

Questions? Contact Chapter 44
2018 Region 1 Fall Forum
Coordinator: Meghan Ricks
702-862-3480
meghan.ricks@lvvwd.com

APRIL LUNCHEON



SDSU's Planning Principles

- No reliance on taxpayer dollars
- College campus-centered plan
- Open space first
- Protect natural resources
- Public and transparent process



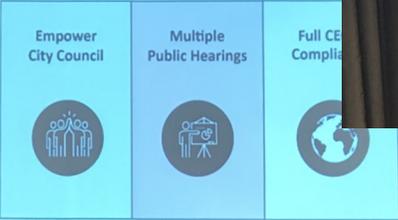
SDSU West project which will include Research & Tech Center; Stadium, River Park and overall Campus Expansion.



Speaker: Frederick W. Pierce, *President and CEO of Pierce Education Properties ("PEP")* – a student housing investment and operating company.



Why SDSU West? Open and Transparent Process



NEW MEMBERS



NEW OFFICERS!



AUGUST LUNCHEON



San Diego Airport

Recent Site Efficiency Improvements

Green Build
Terminal 2
Expansion
(2013)



Parking
Plaza
(May 2018)

Rental Car
Center
(2016)



International
Arrivals
Facility
(June 2018)

Updates and the Future of San Diego International Airport

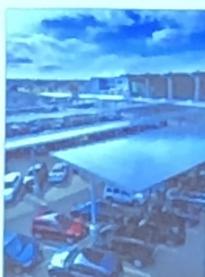
Recognized Sustainability Leadership



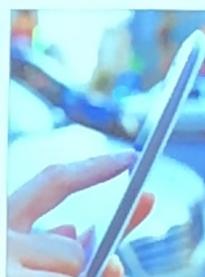
100% Clean Fuel
Bus & Shuttle Fleet



LEED Gold or Better
(New Construction)



80% Renewable
Electricity



Taxi & Rideshare GHG
Reduction Incentives

SAN DIEGO
INTERNATIONAL
AIRPORT
AUGUST 2018



PLEASE MAKE THESE CORRECTIONS/ADDITIONS TO YOUR 2018-2019 ROSTER:

The following corrections have been made to your 2018-19 Roster:

CARINGELLA, Robert P., MAI858-565-2400
PrincipalFAX 858-565-4916
Jones, Roach & Caringella, Inc.
10920 Via Frontera, Ste. 440
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Jones, Roach & Caringella, Inc.....FAX 858-565-4916
10920 Via Frontera, Ste. 440
San Diego, CA 92127eric@jrcvaluation.com



**ALL
CORRECTIONS
ARE
UNDERLINED**



The following new members have been added to your 2018-19 Roster:



JAMES (BUZZ) NAUGHTON, JR., MAI

◆Certified General Appraiser – Real Estate Appraisal/Consultation◆

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.....richard.gomez@clarklandresources.com

SANCHEZ, Susan 619-917-2066
Clark Land Resources, Inc.
1437 Carly Court
San Diego, CA 92114
.....susan.sanchez@clarklandresources.com

CONTINUED - CORRECTIONS/ADDITIONS TO YOUR 2018-2019 ROSTER:

In the STANDING COMMITTEES Section:

Education

Bethanee Lussier, SRWA, Chair.....760-758-1562
..... bethanee.lussier@clarklandresources.com



In the MEMBERS Section:

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City of San DiegoFAX 619-236-6706
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*FRITTS, Donna.....360-606-0163
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.....donna.fritts@clarklandresources.com
 *(Donna is an SRWA Candidate)

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38 years of commitment to the Right of Way Industry and
 home base to 2017/2018 IRWA President, Jerry Colburn, SR/WA

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Meet Your ...Newsletter Editor!

This month I decided to introduce myself, your newsletter editor of the last 2.5 years. My name is **Sarah Bottom, RWP** (SR/WA application is being processed!!) and my story is an ode to the IRWA, networking, and volunteering. Hopefully you'll find the time and purpose to volunteer for our wonderful chapter!



I work for the City of Vista as a Right of Way Agent - for almost a full year now, but worked here previously part-time in 2016. I have over 6 years in the Right of Way Industry (but feel that I have more...my State Property Tax Appraiser time, is not formally recognized.)

Before being in the IRWA, I was actually a Project Manager/Paralegal at a construction defect consultation firm. We had just opened a Civil Engineering service division that I was chosen to help open. Within the first 6 months, my boss suddenly died. My parent company hired a civil engineer who, in turn, introduced them to Fred Clark. Fred had a business idea for a Right of Way Company. They hired Fred as a manager and he took me under his wing, introducing me to the ROW world!

What I find amusing, it that almost anyone you ask will tell you they did not get into ROW on purpose! And I am not an exception to this!

Through Fred, I was able to interview for, and had the great pleasure of being the Project Coordinator for the Land Department at SDG&E on the Sunrise Powerlink Project. It was the beginning of my professional ROW career and it was an amazing experience that gave me a crash course in the ROW Industry. What's funny, is during my time at SDG&E, I watched what the ROW Agents went through and swore I did NOT ever want to be a ROW Agent and even got my Masters of Science in Management with a Project Management focus, thinking I'd continue in Project Management. Back then I did not think I'd ever have the patience or understanding that was necessary to be able to work with a property owner to give you rights.

Unfortunately, after my 2.5 years working in-house at SDG&E, my company didn't plan for me to come back. At 2 months pregnant, I lost my job of 6 years. However, this doesn't mean that my story ends here, or that Fred wasn't there for me! I was able to get part-time work at Epic Land Solutions under Walt Evans and Mike Harris, with the nod from Fred. But then my life changed further when my husband got a full-time job as a teacher and football coach in Salinas, California. I spent the 1st year of my daughter's life with her and explored what limited jobs Monterey County had to offer. While previously my experience was focused around building and infrastructure, Monterey had little of that to offer. However, my ROW experience qualified me for an Appraiser position with the County of Monterey.

Eventually, we were able to escape Salinas (after a TOUGH 3.5 years,) and my husband's work brought him back to Vista, California. Our move was rocky, we didn't know if my husband would be let out of his teaching contract until less than 5 weeks before his start date. I had seen a position that Overland Pacific & Cutler (OPC) had posted, but didn't apply due to the unknown timing. When I moved back, I confided in my friend and colleague Lisa Murphy (whom I met while working at SDG&E) and she said she would send my resume over to Jerry Colburn. Shortly, I landed a part-time position with OPC as a Right of Way Agent. Then eventually a part-time position with the City of Vista when they had an opening, with wonderful recommendations.

Meet Your ...Newsletter Editor!

(Continued from page 12)

Cynthia Colburn then approached me about being the Chapter Newsletter editor. Always eager to impress, and considering I have experience preparing the newsletter for the Southern California Friends Quarterly Newsletter, I took on the challenge. It definitely isn't an easy position, sometimes you feel like you beg people to get something newsworthy, but Diane Schooler (the previous Newsletter Editor) has continued to support me and has connected me with her sources and contacts. Also, every time I'm wondering how the next newsletter is going to be produced, our member's come together to help put something newsworthy together.

Now I'm full time with the City of Vista and love the position I'm in. I owe so much of my success to the love and support of my fellow Chapter Members. I moved away, yet came back to such a welcome and supportive group that it felt like I had barely had time away. I hope you enjoyed the brief glimpse into my story and hope that you may consider what IRWA and our Chapter has to offer you!

Now, a quick glimpse into my life outside IRWA:

What hobbies or activities do you enjoy outside of work?

As a mother of an almost 4 year old and a newly 6 year old, I don't have much time to myself! When I have time, I love to travel, snowboard, dance, play darts and pool.

What is your ideal vacation destination?

So hard to choose! I would either to visit a Sandal's resort in Jamaica—or anywhere else tropical (we went to the one in St. Lucia for our honeymoon!) Or the exact opposite and go to somewhere where I can snowboard for ever.. OR...carry out my grandfather's dream of visiting Italy and "travel up the boot."

If you could try another job for a day what would it be?

I would love to be a chef in a restaurant for a day. I love to cook and dream of retiring and opening a restaurant.

Whom do you admire and why?

My grandfather, even though he has passed. He joined the navy before he was legally allowed, eating a pound of bananas to make weight. He rose from enlisted to a Chief Warrant Petty Officer (1 & 2,) which is the highest an enlisted man can go. He lived his life trying to be open to new things and lived his life to the fullest. He got a motorcycle at the age of 88, a 350Z the color of my hair after he "laid down the bike" and let me drive it...quickly!! He walked me down the aisle at my wedding, with my father, and I was able to take care of him in the end.

Do you have any advice to newly hired ROW professionals?

GET INVOLVED!! You never know where your life will lead!

INTERNATIONAL NEWS

64th Annual International Education Conference
June 24 - 27, 2018



YP Exclusive "Meet Your Instructors"



IRWA Chapter 11 Members' Birthdays

August, 2018

Sarah D. Bottom, RWP
 David F. Davis
 Eric V. Engstrom, SR/WA, ASA
 Laura L. Freitas
 Emmanuel A. Gaviola
 William Kasper
 Ann Korstad, RWA
 Chris Nuener
 Lynn Parrish, SR/WA
 Fred Rasmussen
 Ward (Chip) Willett II



September, 2018

Kent J. Carpenter
 Thaddeus Brierton, SR/WA
 Fred Clark, Sr., SR/WA
 Linda L. Clark, RWP
 Cynthia Colburn, SR/WA
 Jerry Colburn, SR/WA, RW-RAC
 Bennet S. Corbilla
 Chris Faretta
 Judy Ha-Guevarra
 Mark Hendrickson, MAI
 James (Buzz) Naughton, Jr., MAI
 Sandra E. Robinson, RWA



October, 2018

Carol Brooks, SR/WA
 Tim Caulder, SR/WA
 Daniel Chan
 Lance Dore
 Jeff Edgren
 Brian D. Finkbeiner, SR/WA
 Bernard (BJ) Johnson, SR/WA, R/
 W-NAC, RW-AMC
 Michael Keagy, MAI
 Lauren G. Kodama Roenicke
 Neilia La Valle
 Carolyn Lee, SR/WA, RW-RAC
 B. Lane MacKenzie
 Jenny A. Martinez, RWA
 Patrick A. McMichael
 Roswitha Sanchez, SR/WA
 Brian D. Swanson
 Kristin Vandenberg, SR/WA
 David S. Warburton

Sorry if we missed your birthday, - it's because we don't have that information in our records. Please send your information to: irwach.11newsletter@gmail.com if you would like to be included.

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 Colleen Matthies, MAI**

**Richard T. Russell
 Brenda Fusco, MAI**

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Brad Bassi Roger Doverspike, MAI Glenna Reynolds

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Protesters Aren't Stopping US Pipeline Network Growth

By Steve Goreham

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Originally published in [Master Resource, June 27, 2018](#).

Ed. Note: Mr. Goreham is the Executive Director of the Climate Science Coalition of America, a non-political association of scientists, engineers, and citizens dedicated to informing Americans about the realities of climate science and energy economics.



Image by Gethen (2017)

Opposition to oil and gas pipelines produces sensational headlines. Protests of the Keystone XL, Dakota Access, and numerous smaller projects are well-covered by the media, creating the impression of an industry halted by public outcry. But the US pipeline network is steadily expanding and safety is improving.

Construction efforts for oil and gas pipelines have long faced opposition from local residents who don't want a pipeline near their community. But over the last decade, opposition expanded from local to national, involving protesters concerned with supposed impact on the climate and the global environment. Pipelines are no longer opposed for only NIMBY (Not in My Backyard) reasons, but increasingly for NOPE (Not on Planet Earth) reasons.

Keystone XL pipeline opposition is a well-known example. The Keystone XL was originally proposed in 2008 to carry petroleum from the Canadian oil sands, Montana, and North Dakota to US Gulf Coast refineries. Environmental groups, citizens, and politicians attacked the project, warning that the pipeline would harm water supplies and increase global warming.

Continued on Page 16



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Data Sheets**

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Suite 404, San Diego, CA 92108 | 619.822.2763

www.epicland.com

Protesters Aren't Stopping US Pipeline Network Growth

- continued

Global warming environmentalist Bill McKibben was arrested in front of the White House in a Keystone XL protest. Senator Barbara Boxer [warned](#) that the pipeline would cause cancer in more Americans. In November 2015, President Obama rejected the project, [stating](#), "America is now a global leader when it comes to taking serious action to fight climate change. And frankly, approving this project would have undercut that global leadership." In January 2017, President Trump reversed the Obama rejection and [signed](#) a memorandum to advance the Keystone XL, which should begin construction later this year.

The Dakota Access Pipeline, a project to carry crude oil from North Dakota to southern Illinois, was announced in June 2014. The pipeline was opposed by Native Americans and other local groups, but also national and international groups including [Amazon Watch](#), [Black Lives Matter](#), and [Greenpeace](#). St. Louis, Minneapolis, and 17 other cities [passed](#) ordinances opposing the pipeline. Celebrity [Leonardo di Caprio](#), Senator [Bernie Sanders](#), and even United Nations [officials](#) called for a halt to the pipeline.

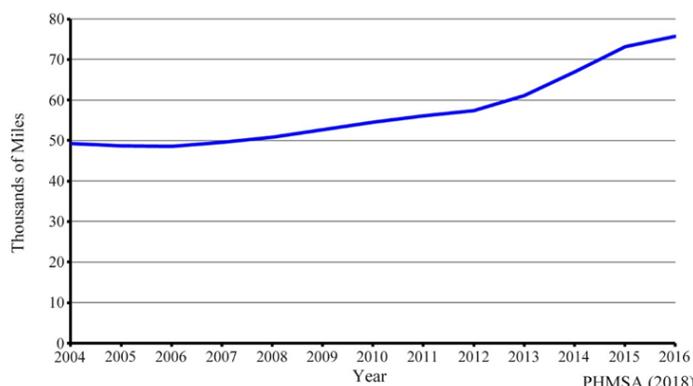
In the spring and summer of 2016, a camp of over 3,000 protestors [developed](#) in the path of pipeline construction in Cannon Ball, North Dakota and received international media coverage. But between September 2016 and January 2017, the camp was cleared by police with about 200 protestors arrested. The pipeline began operation in May 2017 and now [transports](#) over 500,000 barrels of oil per day.

With rising protests backed by sympathetic media coverage, one might conclude that the US pipeline network is in decline, but this is not the case. Pipeline networks are expanding and increasingly used to safely transport oil, oil products, natural gas, and volatile liquids such as ethane, butane, and propane.

Driven by increased oil production from the fracking revolution, US crude oil pipeline mileage [increased](#) from 49,000 in 2004 to over 75,000 in 2016, according to the Pipeline and Hazardous Materials Safety Administration (PHMSA). But many locations need still more pipeline capacity. Petroleum output is rising so fast in America's largest oil field, the Permian Basin shale field in West Texas, that pipelines can't [handle](#) it all.

The pipeline network for distributing natural gas to homes and businesses is also growing steadily. Data from the PHMSA shows that gas distribution main and service pipeline mileage grew 80 percent from 1984 to 2016. Gas pipeline mileage continues to steadily expand, despite "electrification" efforts aimed at reducing the use of natural gas and propane in California and New York.

US Crude Oil Pipeline Mileage (2004-2016)



Pipelines are the safest method to transport crude oil, oil products, and natural gas. A 2012 study by the Manhattan Institute used PHMSA data to show that hazardous material incidents for pipeline transportation of oil and gas were roughly one-twentieth of the incidents for rail transportation and hundreds of times less frequent than incidents for truck transportation per billion ton miles.

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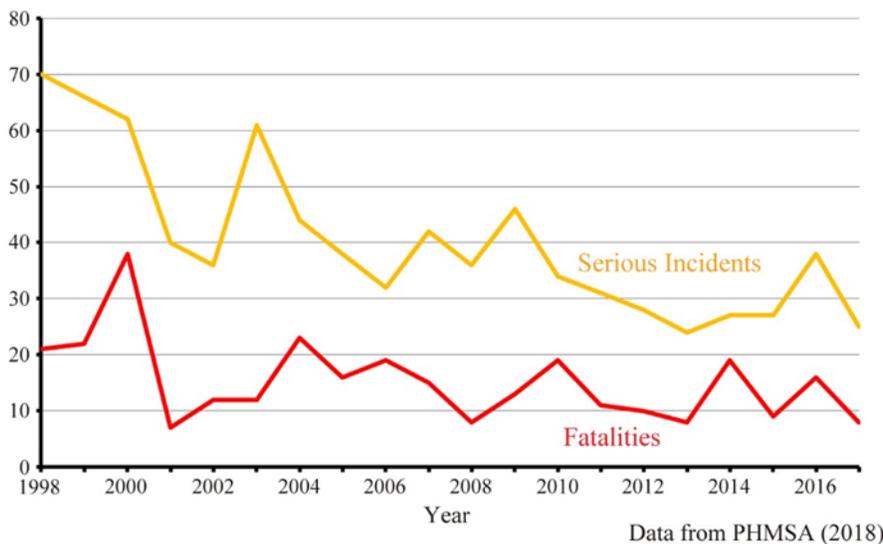
Protesters Aren't Stopping US Pipeline Network Growth

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PHMSA data also shows that the number of serious incidents and fatalities experienced by US pipelines is down roughly 50 percent since 2000, despite the expansion of oil and gas pipeline networks. US residents have about double the chance of dying from a lighting strike than a pipeline accident.

US Pipeline Incidents (1998-2017)



New England is the only region where opposition has prevented most pipeline construction during recent years. In June of 2017, New York Governor Andrew Cuomo rejected the proposed Constitution Pipeline, which planned to bring fracked gas from Pennsylvania to the New England pipeline network.

In February, when supplies of gas were tight, Massachusetts imported liquefied natural gas from Russia, needed to heat homes and generate electricity. Massachusetts Attorney General Laura Healey admitted that she would rather import gas from Russia than build a new gas pipeline to her state [emphasis

added]. Meanwhile, New England residents pay the highest electricity costs in the continental United States, and these prices are rising.

With the exception of the New England region, pipeline opponents have failed to halt the growth of US pipeline systems. Oil and gas pipeline networks continue to expand with improving safety, while delivering increasing amounts of petroleum, petroleum products, and natural gas to US residents and businesses.

*Steve Goreham is a speaker on the environment, business, and public policy and author of the book *Outside the Green Box: Rethinking Sustainable Development*. Mr. Goreham can be reached at gorehamsa@comcast.net.*



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Please note the following new certifications:

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O'DONNELL, Michael D., SR/WA

RWP's:

Greg Hill, RWP

RWA's:

Lisa Goss, RWA
Hugh Rowles, RWA
Anthony Martinez, RWA
Ann Korstad, RWA

PROMOTIONS:

Ken Anderssohn, SR/WA - Supervising Property Agent at City of San Diego

Colleen Fino - Supervisor of Land Management at SDG&E

NEW HIRE:

George Andrade - Property Agent, City of San Diego

Mason James Hendrickson

born to Mark and Lauren Hendrickson on June 21, 2018



Carol Brooks' granddaughter, PLEBE Candidate, **Sierra Steffen**, 2022 (center) received a scholarship to the US Merchant Marine Academy in NY. Her major is in sea bound transportation. Upon graduation, she'll enlist as a Naval Officer, planning to "who knows at this point," but possibly JAG. Hooyah!!!



Search: "San Diego Chapter 11 of the International Right of Way Association" or click [here](#)

Thanks to **Danette Starling** for the SD Skyline photo!!

October Luncheon

WEAR YOUR IRWA BADGE TO HAVE AN EXTRA OPPORTUNITY TO WIN AN ATTENDANCE PRIZE!

Replacement badges are now \$12.50, please contact Lauren Fritts, Membership Co-Chair for assistance: lauren.fritts@clarklandresources.com

JOB OPPORTUNITIES

Associate Property Agent, City of San Diego - San Diego, CA: apply [here](#)

Right of Way Agent, Wiverse - San Diego, CA: apply [here](#)

Right of Way Agent - Telecom, Protek - San Diego, CA: apply [here](#)

Right of Way Agent, nNextGen Global Resources - San Diego, CA: apply [here](#)

Permit Coordinator, Henkels and McCoy Inc - San Diego, CA: apply [here](#)

It's YOUR newsletter ... Be a part of it!

If you want to contribute an article you've written, have photos (especially the San Diego skyline!), want to suggest a possible topic or project to be covered, have event or general announcements, job postings, regional or international updates, or are available to be interviewed for our "Meet Your Colleague" feature, please email newsletter editor Sarah Bottom at:

irwach.11newsletter@gmail.com or 760.846.2945.

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