



## A MESSAGE FROM LOU O'BRIEN



You often hear the saying “never a dull moment”, and one could say it certainly applies to life here at NRCG. On June 24th 2019, just nine short months after becoming publicly traded on the NYSE, it was announced that NRCG has entered into a binding merger agreement with US Ecology (ECOL). There are still many steps to go in this process, which is expected to close later this year in Q4. You may be wondering how this came to be, or why NRCG is such an attractive partner for ECOL. Largely because of the broad suite of services you provide to our great set of customers, the safe manner in which you perform them, and the reputation that you have enabled us to garner in our marketplaces. You should all feel a great sense of pride in your role, as every one of you has participated in building the NRCG brand. As Jeff Feeler, CEO of US Ecology so graciously presented to us on the day the merger was announced, their culture revolves around their people. It’s that strong culture through which they aspire to be the premier provider of comprehensive environmental services; to foster a culture whereby “awesome should become standard”. We believe they have found a great partner to join forces to make that a reality. We hope you will embrace this opportunity as we continue our journey with a new path that’s destined to be anything but dull!

So, what else has happened in these past few months? In March our Gulf Coast Region responded to an emergency due to a fire at a chemical storage facility in the Houston Ship Channel. At its peak, NRC deployed 261 personnel, over 40 vessels and 16,000-feet of boom. This was a highly visible and successful event for NRC, and our client was extremely pleased with our professionalism, performance and overall standard of care. We also opened two new landfills in West Texas, as well as new Wastewater Treatment Systems. This positions NRCG as the company of choice in the region’s growing oil market. We initiated residential cleanup services for homes contaminated with lead from a former battery smelting operation in Vernon, CA. To date we have restored 72 homes with many more to go. This project is expected to continue for another sixteen months. We were awarded a 5 year contract for emergency response and industrial services for a major electric utility in New England, a contract that has been held by our competitor for over 25 years. We closed on the acquisition of OIT, Inc., a soil recycling facility in Moose Creek, Alaska, further enhancing our suite of services and making our NRC Alaska operations the premier provider and go-to source for environmental services in the 49th state.

These are only some of the outstanding achievements we have had in the past few months. There are many more to read about in this next edition of our newsletter. So as always, keep up the great work and enjoy the read!

**Lou O'Brien**  
Sr. Vice President of Marketing and Sales

### In this edition:

A Message from HSEQ.....	2
Bulletin Board.....	3
Photo Contest!.....	4
Events & Happenings.....	5-6
NRC News.....	7-8
New to the NRC Family.....	9
A.C.E. Award Winners.....	10
Employee Spotlight.....	11
Project Spotlight.....	12-13
Feature: Moose Creek Facility.....	14
Hot Job Openings.....	15



## Why Stretch & Flex?!

NRC cares about the physical well being of every employee and encourages healthy lifestyle practices. Whether you're out in the field or working within an office, taking care of your body is important. A large percentage of Workers Compensation claims are due to Soft Tissue Injuries (STI), defined as the damage of muscles, ligaments and tendons such as a sprain or strain. These avoidable injuries also reduce jobsite productivity and lower employee morale. Stretching throughout the day has been scientifically proven to significantly improve overall physical wellness and reduce the risk of these type of injuries on the job.

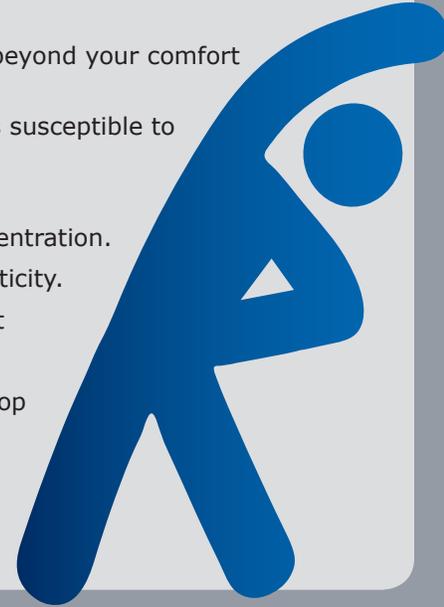
### **Daily Stretching is Guaranteed to IMPROVE your:**

- **Flexibility:** Beneficial for everyday life, increasing your flexibility enables you to push beyond your comfort zone and increase your overall physical ability.
- **Range of Motion in Your Joints:** Provides better balance to keep you mobile and less susceptible to falls.
- **Circulation:** Increases the blood flow to your muscles, thus improving your circulation.
- **Stress Relief:** Relaxes tense muscles that often accompany stress, and improves concentration.
- **Posture & Technique:** Prevents muscles and joints from seizing up and improves elasticity.
- **Injury Prevention & Recovery:** Conditions the muscles and joints, helping to prevent injuries and reduce recovery time.

Examples of upper body and lower body stretches are outlined below, but feel free to develop what works best for you.

### **THINK SAFE, BE SAFE, WORK SAFE!**

**Ken Koppler CIH, CSP**  
Director of HSEQ



#### **Neck**

Bring your chin to your chest and begin to rotate your neck to the left.

Slowly tilt your head backwards and lean it to the right maintaining a circular motion. Finish it off by ending in the start position. Perform a total of 5 repetitions. Repeat by reversing to the right.

#### **Shoulders**

Begin by shrugging your shoulders up towards your ears. Next pull them down and back like your tucking your shoulders into your back pockets. Finish the repetition by rotating them forward to the starting position. Complete 5 to 8 repetitions, slowly.

#### **Lat (latissimus dorsi) Stretch**

Begin by placing both hands over head (in line with your ears) and lock your fingers.

Cross your left foot over your right foot. Take a full breath Begin the stretch by exhaling slowly, unlocking the hip and reaching to the left. You should feel a stretch up the right side

Return to the top position. Continue to repeat, taking a breath for each repetition. Perform 3 to 5 repetitions.

To stretch the left side, switch your feet (right foot over left foot). Fingers interlocked above head. Lean to the right while breathing.

#### **Low Back**

Begin by placing your hands on your hips. Brace your core (pretend like you are getting hit in the stomach) and take a full breath through your nose. Begin rotating to the right, exhaling, making sure to keep your hips pointing forward. Hold this position for 2 to 3 seconds. Return to center taking another breath. Now turn to the left and hold. Complete 8 to 10 repetitions each side.

#### **Lower Body I: Forward March**

Begin by standing tall with your shoulders back. Start to march forward, bringing one knee in towards the chest. Repeat by alternating each knee. Perform 8 to 10 for each leg.

#### **Lower Body II: Leg Swings**

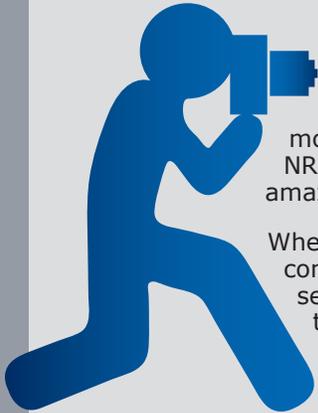
Begin by standing tall with one hand on a wall for support (if needed). Lift your opposite leg and swing it across your frontside and then behind you, like a pendulum. Make sure to brace your core. Swing for 8 to 10 repetitions for each leg. You may lean forward towards the wall and begin your swings left to right.

### **Strapped for time?**

While we know how hard it can be to find the time for an exercise regime, there are a few painless and easy ways that you can make a big difference with lasting positive effects on your body and its flexibility:

- Drink plenty of water to maintain your hydration
- Eat a healthy diet of fruit and vegetables
- Add a stretching routine a few minutes before work, during the day, and at the end of each shift





## A Picture is Worth 1,000 Words

The search is on for the best photographs taken by our most valuable assets (that's you!) that capture the essence of NRC! We're looking for high-quality images portraying the amazing work we do around the world.

Whether it's of NRC personnel at a training event, conducting a drill, or performing any of our wide range of services, your photos should demonstrate why NRC is the #1 global provider of environmental and response services with the best personnel and equipment resources available.



### Rules & Guidelines

- Original work only!
- Maximum of 3 photo entries per staff member
- Submissions must have been taken during the past 2 years (no earlier than 2017)
- All photos must:
  - ♦ Be of NRC work, resources, or work-related trip
  - ♦ Job sites, crew activities, equipment, etc.
  - ♦ If from a job site, photo must be approved by the client for use in our Newsletter publication (posted to our website/public)
  - ♦ Demonstrate proper HSEQ elements (including all PPE)
  - ♦ Have minimum image size of 1.5mb
  - ♦ Be of hi-resolution (300dpi or greater)
  - ♦ Have standard file format, such as .jpeg or .png. If unsure, inquire as to acceptability before submitting.
- Bonus points will be given to photos that display our NRC logo!
- To be considered, all entries must include a short description of the location and activities captured by the photo, including names of all NRC personnel shown in the picture.



### Submitting

All entries must be submitted by email to [hseybold@nrcc.com](mailto:hseybold@nrcc.com) and [louobrien@nrcc.com](mailto:louobrien@nrcc.com) and received by 2100hrs (UTC) on Friday, August 30th.

You're encouraged to include your story behind the photo, what you particularly liked about it, and/or why you feel it's a contender for the contest's top prize!

### Judging

After the deadline, an internal review committee will select 10 of the best photographs which will then be presented to Senior Management for the final vote. The Top 10 entries and winners of the contest will be showcased in our Q3 Newsletter and posted to our website and social media.

### Prizes

The following prizes will be given to the selected winners in the form of a VISA gift card.

First Place: \$100

Runner-up: \$50

Second Runner-up: \$25

### Note

By submitting your photo, you agree to NRC having the right to use it for marketing material that may be distributed both internally and externally, including but not limited to media communications, sales material, NRC's company website and social media pages, internal training material, and other media. Any photo requiring client approval before such use must be identified with your entry.

***Be creative! We can't wait to see all of your entries!***

## Sales Leadership Meets with Consultant for Salesforce Kick-off Training in Houston

A group of NRC corporate and sales personnel met with Sovereign (NRC's consultant) in Houston, TX last month to get some hands-on training on the Salesforce CRM Program (SFDC) system in a test environment. SFDC brings a powerful suite of customer management programs that will provide much greater client management and communications. The meeting was a tremendous success and enabled participants to explore the features of the CRM platform, learn its similarities to and differences from Dynamics CRM, and prepare for regional and local training of staff. We're all very excited to roll out this program to the Domestic and Sprint Energy Divisions in Q3! Future rollouts for International and Marine Compliance & Response are planned by the end of the year!

Dynamics CRM will remain active and accessible until the end of the year, however we will be transitioning to Salesforce upon completion of the data migration which is anticipated to be completed the first week of August. Stay tuned!

## NRC Gulf Exhibits at 4 Conferences in One Week

**May 14-16:** 33<sup>rd</sup> Annual Florida Governor's Hurricane Conference (GHC) in West Palm Beach, FL. This event is the nation's largest and best attended hurricane-focused conference, featuring the latest in hurricane planning, preparedness, response, recovery and mitigation.

**May 14-15:** Texas Commission on Environmental Quality (TCEQ) Environmental Trade Fair and Conference (ETFC) in Austin, TX. Hundreds of exhibitors and thousands of visitors attend this annual event and educational forum that focuses on a variety of environmental topics such as oil and gas, waste management, compliance, and remediation programs.

**May 15-17:** 48<sup>th</sup> Annual Environmental Show of the South (formerly called the Solid and Hazardous Waste Conference) in Chattanooga, TN. Sponsored by the state, this event centers around waste regulations and new technologies.

**May 17:** 3<sup>rd</sup> Annual Florida Department of Environmental Protection (DEP) Business Expo in Fort Myers, FL. This networking forum focuses on the latest environmental innovations, equipment, technologies and products that contribute to the "Protecting Florida Together" initiative (learn more at [www.floridadep.gov/ProtectingFloridaTogether](http://www.floridadep.gov/ProtectingFloridaTogether)).

## Promoting NRC Employment Opportunities at DAV Fairs in Florida

On April 11<sup>th</sup>, NRC attended the DAV (Disabled American Veterans) RecruitMilitary Veterans Job Fair at the Heaven Event Center in Orlando, FL to promote NRC and our exciting employment opportunities!

Top right: From the left, NRC's **Lynn Bates** (HR Business Partner - Gulf



Region), **Shawn McKenzie** (Ft. Lauderdale Branch Manager) and **Jessica Russolese** (Corporate Recruiter). NRC was also present at the DAV Job Fair in Destin, FL on May 23<sup>rd</sup>.

Left: **Gary Jones**, recently promoted to Branch Manager of our Pensacola branch, shown representing NRC.



## 2019 Doggie Dash in Portland, OR

On May 11<sup>th</sup>, NRC partnered with Republic Services for the second year in a row at the Doggie Dash held at Portland's Waterfront Park to provide recycling education stations and ensure that the event was "green"! NRC Team Members helped attendees sort their garbage, comingle recycling, and food waste - about 80% of the material was diverted from landfills! Funds raised by the Oregon Humane Society's Doggie Dash are used to fight animal cruelty, heal injured pets and find homes for more than 11,000 pets a year. Learn more about this annual event at <https://secure.oregonhumane.org/doggiedash>



## NRC's Ryan Vescovi & Max Forsythe take the trophy at Annual Golf Tournament!

NRC was a proud sponsor of the Annual LSPA Scholarship Fund Charity Golf Tournament on June 11<sup>th</sup> at Highfields Golf Club in Grafton, MA.



A BIG congratulations to our very own **Ryan Vescovi** and **Max Forsythe** and their team for winning the tournament!! Way to go guys!!





## NRC Conducts ICN Training & Equipment Deployment near Corpus Christi, TX

On June 26<sup>th</sup>, NRC conducted an ICN Training Event in Aransas Bay, approximately 30 minutes outside of Corpus Christi, TX. The *NRC Valiant* (a 200' 16,000-bbl Offshore Response Barge), a 28' Boom Handling Vessel (K-boat) and an outrigger were used for the event, which featured deployment of NRC's Marco Class XI Skimmer and sweep boom.



The event was organized and led by NRC's **Chaz Comerford**, Regional Manager of the Gulf of Mexico — Compliance/Standby Division, with the objective of demonstrating the equipment and provide training to contracted personnel covering the safe launch, operation, and recovery of these assets.

## NRC sponsors the 2019 Camp Rosenbaum — “A Taste of Camp” event in Portland, OR

For the second year in a row, NRC sponsored “A Taste of Camp” – a fundraising dinner attended by NRC employees, Customers, City Council Members, Former Governors, Police and Fire agencies. NRC's **Trevor Kitchen** (BD Mgr., Portland), **Kayla Hartley** (Operations Mgr., Sherwood) and **Mark Childress** (Technician, Portland) all attended this year's event, which was held on May 2<sup>nd</sup>.



Taste of Camp began in 1970 with the dream of taking a group of youth from low income families and spending a week with them at Oregon's beautiful coast. It provides opportunity to teach our youth of the value of good citizenship and encourage their self-confidence, and maybe most importantly, just to have fun!

Taste of Camp provides funding to make Camp Rosenbaum free to families, and also supports programs for summer activity and athletic camps in the Portland Metropolitan Area. The Camp brings together military, police, firefighters, housing authorities and business volunteers to provide a once-in-a-lifetime experience for our community's low income children.

Find out more at <http://www.camrosenbaum.org/>

## Great River Hosts First Annual Ping Pong Tourney!

History was made during the second to last week of June, when NRC Great River hosted the first **Annual Ping Pong Team Tournament**. Twenty-two teams battled it out to the



Steve Kissinger, Steve Wibben and Mike Carriero

the end for more than just bragging rights, but to win the top prize.

Each match was played to the best out of three games. With the season of the underdog on its way, no team was safe. Skills were tested, and emotions challenged. No one could have been prepared for the final match-up... After an intense rally, “Tier 4 Subs” took home the championship. A prize was also awarded for best Team Costume which went to “Kingsford”.

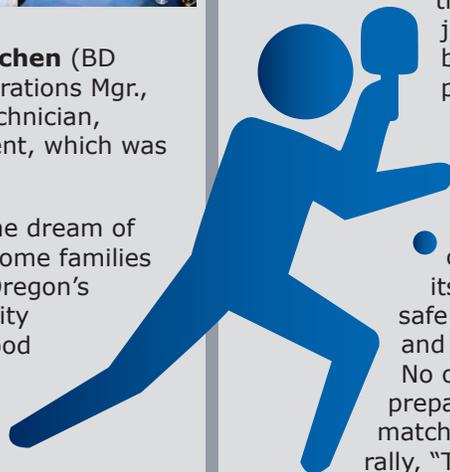
The tournament was more than a team building event — it promoted positive moral and spirit around the office, felt by all from the supportive crowd and spectating fans!



Dean Falcone and Nick Volz shown with Steve Kissinger and Kyle Barkey from the Winning Team “Tier 4 Subs”



Ray McCoy and Mike Reese with Sue King and Wendy Hannaford from Team “Kingsford” - Winner of the Best Team Costume prize!



## NRC UK Adds New Rigs to Drainage Fleet

NRC's most recent addition to its UK Drainage Fleet is a 2019 Clayton Valley JetVac Recycler. One of the latest units on the market, the Recycler is capable of cleaning sewers from 100mm to 1200mm comfortably, will jet up to 80 gallon per minute, and has suction capability that can span over 20 metres in depth and a further 100 metres in length.

Purchased as part of NRC's drive to modernize its UK plant, the Recycler is controlled remotely by trained Drainage Engineers and enables NRC to process water back through the system, thereby increasing productivity on any contract.



Commenting on the Recycler's capabilities, NRC's **Giles Hale** - Senior Jet Vac Engineer and unit operator states "the unit outranks other models on the market and its performance is excellent."

Check out <https://nrc.com/services/drainage/> to learn more!

## Sprint Opens Additional Landfill Facilities in the Permian Basin (Texas)



On May 24<sup>th</sup>, Sprint opened their second disposal facility, the Pecos County Disposal Facility in Coyanosa, TX. This additional facility (Sprint Karnes Facility in Kenedy opened in 2016) is strategically located to further support the oil and gas industry with the management of waste derived from operations in the Permian Basin.

- Operations Branch Location
- Operations Branch & 10-day Storage/Transfer
- Sprint Energy Disposal Facilities
- Future Landfill Operations

Sprint also announced its third facility going live the first week of July (stay tuned for more information and a feature article in our Q3 edition!)

### Pecos County Disposal Facility

4701 Mobil Plant Road  
Coyanosa, TX 79730

### Karnes County Disposal

900 South County Road 153  
Kenedy, Texas 78119

### COMING SOON...

### Reagan County Disposal

3001 New Ringo Blacktop Road  
Big Lake, Texas 76932



## NRC International Completes ISO Recertification Process

NRC International operations are proud to announce re-certification to ISO 9001:2015, ISO14001:2015 and OHSAS 18001:2007 with our new certification body, Lloyd's Register.

Having held these prestigious accreditation's since 2001, this achievement demonstrates our continued commitment to delivering quality services in a safe manner, whilst minimising our environmental impact.

As a company we place health, safety, quality and environmental protection as integral to our success and as such, we have made significant investment in developing systems, processes and our people accordingly.



## NRC Completes Acquisition of OIT, Inc. (Alaska)

On April 26<sup>th</sup>, NRCG completed its acquisition of Organic Incineration Technology, Inc. ("OIT"). Based in North Pole, Alaska, OIT provides thermal treatment options for the safe disposal of materials such as non-hazardous petroleum contaminated soils, absorbent pads and sludges, and the treatment of Per- and Polyfluoroalkyl substances. Founded in 1990, owner Mark Sanford has built OIT into a trusted service provider in the Fairbanks area. The OIT facility in Moose Creek, Alaska, has full containment capabilities with the ability to fully process all waste product on-site. In addition to waste treatment and disposal services, OIT offers transportation and other specialized environmental services.



NRC Alaska's operations focus on recycling and environmental services. The acquisition of OIT adds to our waste treatment and disposal capabilities across the state, including a broad range of waste management services ranging from recycling glycol products by fractional distillation, used oil and petroleum by-products recycling/energy recovery, emergency spill response and clean-ups, and the transportation and disposal of both non-hazardous and hazardous waste for industrial, marine, automotive and government clients.

**Check out page 14 for this edition's feature article on the Moose Creek facility's services and capabilities!**

## NRC Wins Contract to Provide OSRO Services to Apache in Suriname

In April, NRC signed a contract for the provision of oil spill services for Apache Corporation's operations in Suriname, located on the northeast coast of South America. Utilizing its response



resources located in Trinidad & Tobago with additional support from its international oil spill centres in the UK and US, NRC will provide both Tier 1 response equipment, materials and training and Tier 2 and 3 call-off capability for Apache's drilling operations off the northwest coast of Suriname's capital city Paramaribo.

NRC is now a Proud Member of the American Trucking Association (ATA)

ALLIED MEMBER OF



In effort to further enhance our relationships and bring NRC's expertise to the transportation industry, as well as promote our National Emergency Response Program, NRC has joined the American Trucking Association (ATA). The ATA was established in 1933 and is the largest trucking association in the U.S. The ATA is committed to developing and advocating innovative, research-based policies that promote highway safety, security, environmental sustainability and profitability. ATA's professional staff works to educate policymakers and the general public about the essential role trucking plays in the economy, promote responsible policies to improve highway safety and advance the industry's environmental goals.

**Lou O'Brien** has been invited to serve on ATA's Communications and Image Policy Committee and Hazardous Materials Policy Committee. **Brian Turner** has been appointed to the Safety Policy Committee and the Environmental and Energy Policy Committee. They will participate in committee meetings and have the opportunity to discuss issues facing the transportation industry with other members, and present the benefits of NRC's service offerings to a national audience. Both have been invited to participate in ATA's Legal Forum in San Diego, CA during the week of July 14.

*Join us in welcoming these individuals to the team!*

**Mark Gangemi, Director of Asset Management Corporate**

Mark joined NRC in April with over 30 years of experience in the logistics industry. Throughout his career, he has demonstrated continuous success across a multitude of initiatives involving supply chain and distribution management, including the development of cost-saving programs deployed for asset procurement and equipment maintenance. He has developed and led programs designed to improve corporate wide standards for preventative maintenance performance, warranty programs, and asset cost control.



Mark is well versed in the day-to-day operations of a significant fleet, and ensuring compliance with OSHA, DOT, EPA, CVSA, and FMCSE regulations. He holds various continued education certifications and positions with affiliations in the industry, including membership with the American Trucking Association.

Most recently, Mark was the Director of Asset Management for Clean Harbors. Based out of their corporate headquarters in Norwell, MA, Mark was responsible for developing strategic sourcing initiatives for over 10,000 assets in support of operations across the U.S., Alaska, Puerto Rico and Canada.

**Peter Brause, CSP, CMIOSH – Regional HSEQ Manager Gulf Coast**

Committed to protecting workers, eliminating liability, and driving operational efficiency and quality - Peter joins us with over 16 years of experience as a safety and emergency response leader. He has demonstrated success managing oil and gas operations, spill response, hazardous materials, natural disasters and offshore projects. Previous roles include site leadership following the Haiti Earthquake and Unified Command positions during the Deepwater Horizon response.



Since joining NRC in April, Peter has been responsible for safety management of the central decontamination site and strategic operations during the large tank fire and release event in Deer Park, TX and also supported the NRC marine spill tactical response team during the UC/Kirby tanker collision event in Kemah, TX.

**Jeffrey Scott, National Account Manager Portland, OR**

Jeff joins NRC with over 25 years of experience in the environmental and hazardous waste management industry with expertise in collaborating with clients across a variety of industries to provide solutions on a national and multi-regional scale requiring unique services related to the proper management of hazardous and industrial waste, regulatory compliance and emergency response.



Starting his career as a Hazardous Waste Technician, Jeff is well versed in the regulatory environment governing the handling, management, transportation and disposal of hazardous materials. Prior to NRC, Jeff spent over 15 years with PSC/Stericycle in the Pacific Northwest, including 8 years as a National Account Manager in the Retail Services Division. Most recently, Jeff was a District Manager for Waste Management in Portland where he managed activities related to the storage, transportation and disposal of hazardous and non-hazardous wastes.

Jeff has a Bachelor's Degree in Environmental Remediation and Hazardous Materials Management from Concordia University and maintains OSHA 40-hr HAZWOPER and DOT HM181/126 training certifications. His experience and competency in EPA, RCRA, DOT and OSHA regulatory compliance has enabled him to successfully support hazardous waste programs across the country.

**Carol Kralik, Business Development Manager Seattle, WA**

Carol joins us with 20 years of experience in the environmental and hazardous waste industry. She started her career in waste broker management, managing customer service and waste profiling in the Northeastern United States, before relocating to the Pacific Northwest and managing regional accounts in the greater Puget Sound Area.



Carol has a B.S. in Business Administration from Kutztown University in Kutztown, PA.

## Congratulations to the winners of the Q1 2019 A.C.E. Award:

### Chad Cobb, Project Supervisor Birmingham, AL

For several years, NRC's branch in Birmingham, AL has attempted to grow its relationship and expand its contract with a major agricultural production and manufacturing client's local facility, from the occasional \$2k spill to more significant industrial services. In March, unsatisfactory performance issues with the incumbent resulted in an opportunity for NRC to demonstrate such additional capabilities to the client. Chad Cobb was assigned as the Project Supervisor for the job, which involved hot water pressure washing, air mover recovery and waste transportation. The job was successfully completed within 15 days without incident or issues. During the course of the work, Chad secured two additional projects at the plant, and performed an oil spill response at the facility's barge dock – generating \$107k in 1 month.



Since completion of the project, the client has executed an updated Services Agreement, increased their line of credit from \$5k to \$120k, and plans on meeting with our Birmingham office to discuss increasing NRC's presence at the plant and further supporting their environmental service needs!

### Grigol Benidze, HSEQ Manager Georgia

Grigol was nominated for always going above and beyond the call of duty, consistently demonstrating excellence in his work and for his ambition to grow, becoming an integral team member and playing a significant role in the group's success. Grigol offers valuable support in the development of proposals, and always provides quality HSEQ information to address client requests and answer any questions.



While not part of his direct role, Grigol was asked to lead the delivery of planned IMO L2 and HAZWOPER training sessions to a customer, as well as conduct regular refresher training sessions for NRC ER personnel. He accepted this role without hesitation and received very positive feedback from the client.

Additionally, when the region's Operations Manager went on leave, Grigol willingly absorbed their duties for over a month, all while continuing to perform his day-to-day responsibilities without interruption. He also successfully coordinated the transition to the new ISO 9001:2015 and 14001:2015 and the recertification process, and now actively coordinates the transition to the new health and safety standard at the local level.

Lastly, we commend Grigol for recently obtaining his NEBOSH Certificate in Environmental Management. Congratulations Grigol and thank you for all your contributions to NRC's continued success and commitment to HSEQ excellence!

## Acknowledge & Commend the Extraordinary!

The A.C.E. Award was established to recognize and celebrate individuals for demonstrated excellence. Recipients of the award are employees who:

- Demonstrate an exceptional ability to foster collaboration, communication, and cooperation; is able to negotiate around barriers.
- Exceed expectations of customers and show continual commitment for reducing the impact of NRC's activities on the environment. Consistently provide unparalleled service by exceeding project objectives timely and solving client/customer service problems quickly and creatively. Foster teamwork to achieve individual as well as team success.
- Develop new ways of doing business or improves an existing process or system by providing operational expertise, strategic insights and innovative ideas. Add value and/or achieves significant improvements in productivity, efficiency, and/or cost savings.

### Q1 Nominees:

David Arguilez, Project Spvr. | West  
 Dana Brown, Billing Specialist | West  
 Paula Caldwell, Billing Spvr. | PNW  
 Linda Cina, AR Specialist | Corp.  
 Jeremiah Clark, Mechanic | West  
 Kyle Cousino, Foreman | East  
 Theresa Curry, Cash App. Spec. | Corp.  
 Scott Derouchie, Project Spvr. | East  
 Mario Garcia, Equipment Operator II | Gulf  
 Hannah Grappy, Operations Admin. | Gulf  
 Erin Greczyn, Billing Spvr. | East  
 Carlos Green, Technician I | Gulf  
 Richard Hall, Project Spvr. | Gulf

Maka Lortkipanidze, Procurement Spec. | Georgia  
 Alison Maiden, Training Coordinator | UK  
 Brian Mann, Acct. Manager | Gulf  
 Frank Medrano, Resources Spvr. | West  
 Jeff Munson, Driver | East  
 Lee Parkes, Site Spvr. | UK  
 Chris Polone, Project Spvr. | Gulf  
 Beth Rathjen, Client Services Spvr. | Corp.  
 Ramsay Robertson, Trainee Pump Eng. | UK  
 Calvin Smith, Project Spvr. | Gulf  
 Todd Tosoni, Warehouse Mgt. | Alaska  
 Wayne Warfield, Fleet Safety Mgr. | Compliance  
 Robert Wilde, Project Mgr. | UK

**Program Guidelines for the A.C.E. Award and the Nomination Form are available on Ultipro or NRC's Sharepoint.**

**Click the links below!**

**[Program Guidelines](#)**  
**[Nomination Form](#)**

## Gela Gelashvili, OSR Supervisor

*Borjomi, Georgia*

Gela received recognition by an important Oil & Gas client for identifying an unsafe condition. As part of the self-verification process, electrical adaptors at the base were checked for damage and correct type of safety fuses. During inspection, it was identified that a piece of metal wire was installed inside an electrical adaptor (belonging to contractors) instead of a safety fuse. This could cause an electrical fire in the event of overheating or overloading, as no safety fuse would be available to cut the circuit before the design load for the wire size is exceeded. The defective electrical adaptor was removed from use immediately. All base and contractor personnel were briefed on requirements for usage of appropriate electrical equipment. It was underlined that no self-made electrical connections, fuses or other equipment is permitted at the work site. Gela received a letter of appreciation and recognition from the client for her observation of an unsafe condition, thanking her for adhering to their Safety Leadership Principles and making safety a priority.

## Damon Waresback, Remedial Services Manager

**Robert King, Project Manager**

**Slade Hinrichs, Project Supervisor**

**Chris Crawford, Technician**

**Chrysa Fulcher, Billing Specialist**

*NRC Gulf Coast — Fort Worth, TX*

Several employees from our NRC Gulf Coast's Fort Worth office received client commendation following a tumultuous 3 week stretch in April where multiple unrelated emergencies involving explosive hydrocarbon vapors impacted utility corridors, residences and businesses at 4 different sites located in Dallas, Lufkin and Hallsville, Texas. NRC exceeded expectations by responding and mitigating 4 simultaneous events and efficiently managing extraordinary response efforts. Being the prime Petroleum Storage Tank (PST) ER Contractor for the state's environmental agency (Texas Commission on Environmental Quality or TCEQ), NRC has the trained personnel and equipment to rapidly respond and remediate emergencies involving explosive hydrocarbon vapors and hydrocarbons.

Residents complaining of gasoline vapors in their homes triggered TCEQ to engage NRC for immediate action. Leaking underground storage tanks had caused gasoline to enter the city's main sewer line, impacting the sanitary sewer and causing explosive hydrocarbon vapors to seep into multiple residences. Upon arriving at each site, NRC crews initiated measures to mitigate the vapor impacts including setting up up a Soil Vapor Extraction (SVE) system to pull the vapors out of the City of Dallas sanitary sewer main. A thermal oxidizer was connected close by to abate the extracted vapors and ensure complete remediation. Additionally, NRC set up Micro-Blaze® drip stations at select sanitary manholes and the cleanouts in front of impacted residences. Micro-Blaze® is a concentrated liquid used as a bioremediation agent that dissipates hazardous liquids, eliminates flammability and controls associated vapors.

At another site in Hallsville, a different gasoline leak impacted a private property's well, contaminating their water supply with gasoline hydrocarbons. NRC set up an alternate supply of drinking water for the residents and installed a water treatment system for the well and replaced the home owner's hot water heaters. NRC sampled several additional private water wells in the area and is currently investigating the full vertical and horizontal extent of the impact and anticipates further corrective action using Mobile Dual Phase Treatment Technology.

NRC's response efforts were recognized and commended by TCEQ's Emergency Response Program Manager and the City of Dallas Waste Water Department. Praise was given to all those involved with special appreciation given to Damon Waresback for efficiently managing the efforts of the crew while maintaining professionalism and responsive communications throughout each of these events.

A  
N  
N  
I  
V  
E  
R  
S  
A  
R  
I  
E  
S

*Congratulations to our dedicated employees celebrating milestone anniversaries in Q2!*



**Mike Reese**  
**James Ramsay**  
*Great River, NY*



**Jason Potts**  
*Seattle, WA*



**Jesus Nuno**  
*Long Beach, CA*

**Fred King**  
*Tampa, FL*



**Dean Groesbeck**  
*Portland, OR*

**Thomas Lacombe**  
**Ed Mitchell**  
**Toby Verville**  
*Massena NY*

**Steven Strapponi**  
*Franklin, MA*

**Joshua Vanderzon**  
*Kenai, AK*

**Shane O'Neill**  
*Anchorage, AK*

**Lawrence Ramsdell**  
*Seattle, WA*

**Richard Pickle**  
*Greensboro, NC*

**Tina Gachechiladze**  
**Khatuna Gvichiani**  
**Nanuli Khachidze**  
*Georgia*



## MC-20 Rapid Response Project Gulf of Mexico

NRC's OSRV *NRC Energy* was chartered by marine contractor Couvillion Group of Louisiana to perform multiple tasks associated with construction activities being performed to contain an oil and gas leak from a downed platform located 475-feet below the ocean's surface in Block 20 of the Mississippi Canyon (MC-20), approximately 15 miles off the coast of Louisiana in the Gulf of Mexico (GOM). Succumbing to an underwater mudslide caused by Hurricane Ivan in 2004, the fallen 8-pile Taylor Energy platform triggered oil and gas plumes to leak from the sea floor next to the jacket from wells buried far beneath the mudline and has been spilling oil from the site for over 14 years.

The operation was planned as a two phase project. During Phase 1, NRC's tasks involved the removal of any recoverable oil discharged during hose cutting operations and other various activities associated with the sunken platform. Phase 2 involved Oceaneering (a subsea engineering company) working alongside Couvillion Group and assisting in the design of a containment system intended to capture the oil and gas as it expels from the mudline. The system was reported as successfully installed in May ([click here to learn more](#)).



The ongoing project has been led by NRC Project Manager **Jesse Bridges** — Asst. Regional Manager for the Gulf of Mexico for NRC's Compliance/Standby Division. Throughout Phase 1 and 2 of the operation, which

began earlier this year in February and continued through mid-May, *NRC Energy* was manned by 9 personnel and spent most days offshore, with crew led by Vessel Manager **Dean Anderson** and Asst. Vessel Manager **Doug James**. Due to the long duration of the project, an additional 14 Captains from NRC's fleet rotated in to provide 24-hour navigation and back deck supervision.

With the containment system in place, the focus of the project is now set on draining the well of approximately 200,000 barrels, bringing it to the surface, containing it in three (3) 500-barrel (bbl) storage tanks, bringing it ashore, loading the product into frac tanks and then eventually transporting it to a disposal facility. NRC has been tasked with the shoreside offload, removal, storage and transportation plan. This portion of the project is expected to take anywhere from 9-18 months, as the schedule permits for only one offload every other week. At this time, the *NRC Energy* has been released from the offshore standby and remains available as needed.

There is potential for similar projects in the future, as some reports indicate there may be other wells networked off the MC-20 site needing to be addressed. You can read more about MC-20 by clicking here: [www.nola.com](http://www.nola.com) or [www.npr.org](http://www.npr.org)

## Petrochemical Tank Fire & Release Houston, TX

On March 17<sup>th</sup> a fire ignited causing an explosion at a large petrochemical storage terminal and tank farm located about 35 minutes east of Houston, TX in a suburb called Deer Park. The fire quickly spread to nearby tanks containing highly-flammable and toxic chemicals (VOCs) used in the production of gasoline and base oils, including xylene, naphtha and toluene. Firefighting efforts continued for 3 days before the blaze was extinguished. However the situation took a disastrous turn on March 22<sup>nd</sup> when a surrounding containment wall (dike) failed, causing fire suppressing foam to leak into the abutting waterway. Immediate concerns focused on containing the release and minimizing the spread of contaminants into the heavily trafficked Houston Ship Channel.

NRC resources were activated and deployed from our local operations center, including an initial crew of 16 response personnel. By March 31<sup>st</sup>, that number grew to 170. At its peak, the response effort consisted of 261 personnel from NRC and ICN Subcontractor resources. NRC also deployed over 40 Response Vessels and over 16,000-feet of containment and recovery boom.

NRC was able to safely provide the resources needed including skilled responders, equipment, and experienced project management personnel required to satisfy the demands of the Unified Command (led by the EPA, TCEQ, local agencies and the Responsible Party (RP)). Initial containment and recovery activities were completed by the end of April, with maintenance phase beginning May 1<sup>st</sup> and continuing throughout the month. Due to exemplary performance during the response, the RP and Unified Command requested NRC to perform decontamination services at the site, which were also performed in May.

Key factors contributing to NRC's success include knowledge of the Incident Command System (ICS), which was proven instrumental to effectively offer solutions needed to respond to and manage a large fire and spill event such as this. NRC was able to provide strong ICS and administrative support with emphasis on safety and operations during the response.

## NRC Gulf Coast Performs Response Drill for Major Utility Client – Juno Beach, Florida

Generating over \$4.5M in annual revenue, NRC's Gulf Coast region routinely provides several service lines to one of its largest utility clients including industrial cleaning, an in-plant dedicated labor force of 31 full-time field personnel, OSRO inspections and deployment drills, tank cleaning and inspections, remediation, waste management, and disaster recovery.

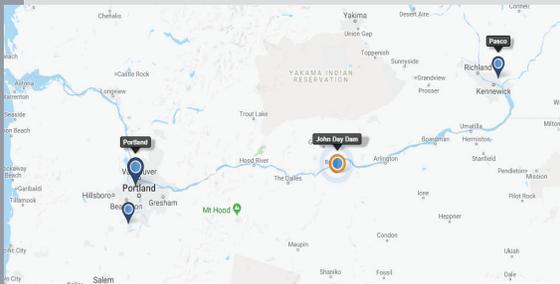
The client's corporate environmental policies require each of their 12 facilities to perform a deployment drill at least once a year, including their corporate location in southern Florida. NRC assists with the planning and execution of these drills, including the provision of personnel and equipment. This year's corporate drill was held on April 15<sup>th</sup> at a generating plant near West Palm Beach, FL. NRC's Response Team was led by Rob Sauer (Director of Emergency Response & Events) and Steven Wade (Project Manager). Other participants from NRC included Dan Mahanor (VP), Donald Aquino (Supervisor), Jason Desantis (Regional Mgr. – Southeast), Diego Mejia (Foreman), Allen Atkinson (Asst. Regional Mgr. – Southeast), Eric Cooper (Area Mgr. – Tampa), and Jeff Grier (National Acct. Mgr.).

The drill consisted of deploying 1,000-feet of boom and skimming equipment in a configuration designed by the joint planning team. Five boats were also deployed, including two that were used to deliver the boom and equipment, and one watch boat dedicated to ensuring the safety of the entire operation including the protection of marine life in the area.

In addition to NRC personnel, the United States Coast Guard, local EMTs, and several executives representing the client were present. The drill was a success with boom and skimmer equipment deployed timely and approval received by the USCG. The operation was complete without incident or injury.



## Railway Incident Management Team Tabletop & Deployment Exercise for BNSF Columbia River, Washington & Oregon



From May 20<sup>th</sup> to the 22<sup>nd</sup>, NRC personnel in the PNW performed a Railway Incident Management Team Tabletop and Deployment Exercise on the Columbia River for major railway client BNSF. During the event, NRC provided equipment (2 Fast Response Vessels) and 15 personnel to assist BNSF Railway in the tabletop exercise, and deployed critical Geographical Response Plans (GRPs) near the John Day Dam (approx. 2 hours east of Portland, OR and 2 hours southwest of Pasco, WA).

The exercise included over 70 representatives from numerous agencies including US EPA, Washington State Dept of Ecology, Oregon Dept of Environmental Quality, US Army Corps of Engineers, Yakama Nation, Confederated Tribes of the Warm Springs, Local Fire and Police departments and Kittitas County Emergency Management.

Personnel from 4 NRC locations participated in the successful event:

**Seattle:** Jason Potts (Regional ER Mgr.), Tiffany Gallo (Marine Ops Mgr.), Kurt Van Campen (PM), and Max Powell (Deckhand)

**Portland:** Randy Legler (Regional ER Mgr.), Dale Raymond (PM), Mark Wirkkala (Marine Operator), Stan Jensen (Supervisor), Merrick Johnson (Marine Operator), Chris Nuttbrock (Marine Operator), Greg Johnson (Deckhand), and Lon Paulson (Marine Operator).

**Pasco:** Jacob Wallace (Technician)

**Spokane:** Jeff Bentz (Supervisor)



## Multi-Source Thermal Soil Remediation Facility

Using a process called Thermal Remediation, our Moose Creek Facility (MCF) performs treatment of granular materials contaminated with Petroleum, Oil and Lubricants (POL), such as non-hazardous petroleum contaminated soils. Located one mile from Eielson Air Force Base, MCF is easily accessible and can receive material by rail or trucks (end dump or side dumps).

Prior to acceptance of material, MCF reviews the analysis performed by the client (or client's laboratory) including verification of the sampling and analytical procedures used, to ensure that petroleum contaminated materials are non-RCRA or RCRA-exempt. With approximately two acres of lined storage and treatment areas, the facility is able to store contaminated material on-site until treated, in accordance with Alaska Department of Environmental Conservation (ADEC) guidelines.

**Thermal Treatment Equipment:** MCF uses a proven high temperature thermal oxidizer that consistently remediates any level of hydrocarbon contamination, all while accomplishing superior clean up levels with air quality nearly 5x cleaner than ADEC's stringent regulations.

**Thermal Treatment Cycle:** The production cycle begins with contaminated soils being screened through a 3" mobile grizzly within the Contaminated Material Processing and Storage Area. A front-end loader is then used to pile, stake and segregate (by project) the contaminated soil, before it is loaded into the covered feed hopper. The pre-sorted soils are then transported by a belt conveyor, weighed with a belt scale, and deposited into the feed auger for injection into the primary rotary kiln. The entire process is enclosed to prevent the generation of fugitive dust. The feed auger feeds into the negative pressure rotating primary combustion chamber of the processor. Once in the kiln, a 16.5 million BTU burner exposes the material to temperatures of 1200-1500°F for a duration of 5 to 15 minutes depending on the level of contamination (the duration is adjusted by the kiln's speed of rotation).

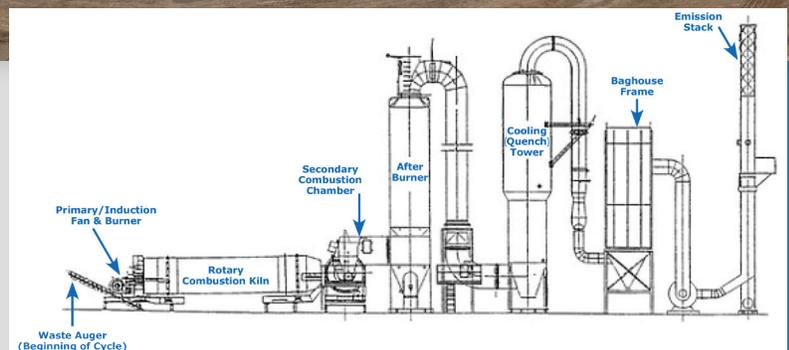
Gas vapors and particulates drawn from the kiln in a counter-current direction enter the Air Mixing Section and then the Secondary Combustion Chamber, where they are heated to temperatures ranging from 1600-2000°F. At these temperatures, complete combustion of all petroleum hydrocarbons occurs. These superheated gases and airborne particulates then enter the Cooling/Quench Tower, where they are exposed to an atomized water spray. Here, particulate temperatures are reduced from 1800 to 350°F. After cooling, small particulates are removed from the air stream by bag house filters. Remaining gases are exhausted through a 60-foot stack.

Once the Thermal Cycle is complete, treated soil exits the rear of the rotating drum through a chute into the covered Discharge Area. Here the treated material drops from the hot auger into a covered 10-foot deep steel-lined Discharge Pit measuring approximately 15x10 feet. This pit is integral to the Thermal Treatment Area Containment. The exit shoot dumps treated soils into the Discharge Pit for removal by a loader. All soils are contained in this area until approximately 2-4 cubic yards have been stockpiled.

During the thermal process, the hydrocarbon contaminants are volatilized to a gaseous state and are then drawn by induction into the Secondary Combustion Chamber and oxidized. Rotation of the drum furnishes sufficient agitation and exposure to reduce the contaminants within the specified cleanup limits. As it tumbles in the drum, the soil passes directly through the burner flame, ensuring complete remediation. Upon completion of the Thermal Treatment process, each batch is tested to ensure Quality Control and each Client receives a Certificate of Thermal Treatment for their records.

**Want to learn more?** Make sure to check out the latest edition of Alaska Business Magazine, featuring an article on Thermal Remediation and an interview with MCF's Mark Sanford!

<https://digital.akbizmag.com/issue/july-2019/cooking-dirt/>



### Examples of non-hazardous materials accepted & processed at MCF:

- IDW
- per- and polyfluoroalkyl substances (PFAS) Contaminated Soil
- Rail Cars
- Roll On/Offs
- Supersacks
- Hydraulic Oil Contamination
- Antifreeze Contaminated Soil
- Non-Asbestos POL Insulation
- POL Gravel
- POL Sand
- POL Rust & Soil
- POL Sand Trap Sand
- POL Snow
- POL Paraffin
- POL PPE
- POL Floor Drain Sludge
- POL Floor Dry
- Wash Bay Soil

NRC is growing nationwide and needs your help! Look out for the **Hot Jobs** bulletin email sent out every month for current openings for opportunities to grow with the company!

For a complete list of current openings, please visit [www.nrcc.com/careers](http://www.nrcc.com/careers)

## Employee Referral Bonus Program

For details on the program and how you can earn up to \$1,000 is available on Ultipro or NRC's Sharepoint (click link below!)

[Employee Referral Bonus Program](#)

# HIRING NOW!

- **Asbestos Supervisor | Syracuse, NY**
- **DEF Manufacturing Technician | Anchorage, AK**
- **Field Project Supervisor | Alameda, CA**
- **Field Project Supervisor | Sacramento, CA**
- **Foreman | Williston, VT**
- **Lab Pack Chemist (Part Time) | Salisbury, MA**
- **Lab Pack Chemist (Part Time) | Williston, VT**
- **Mechanic | Tampa, FL**
- **Payroll Specialist | Great River, NY**
- **Project Manager | Orlando, FL**
- **Project Manager | Houston, TX**
- **Project Supervisor CDL | Houston, TX**
- **Software Developer | Great River, NY**

**Have Questions?  
Need Help?**

**Reach out to your  
Regional HR  
Team Member!**

### Marine Compliance

Temporary/Interim  
Contact:  
**Amy McCann**

### East

**Amy McCann**  
(315) 925-6390  
amccann@nrcc.com

### Gulf Coast

**Lynn Bates**  
(682) 286-2704  
lbates@nrcc.com

### West / SRS / AK

**Trayce Field**  
(562) 506-2056  
tdfield@nrcc.com

### International

**Kathy Moore**  
+44 (0) 1908 467800  
kmoore@nrcc.com

**NRC is on the  
lookout for Drivers across  
all locations!**

If you've recently obtained a CDL, or know of someone who is looking for new opportunities as a Driver, please contact HR!



Attracting, retaining and developing a talented and diverse workforce is imperative to NRC. It is the policy of NRC to provide equal employment opportunities during all phases of employment, including, but not limited to, recruiting, employment, placement, promotion, transfer, rates of pay, selection for training and participation in all company-sponsored employee activities.

As part of NRC's commitment to affirmative action, we work to ensure that minority group individuals, females, disabled veterans, recently separated veterans, other protected veterans, Armed Forces service medal veterans and qualified disabled persons are introduced into our workforce and considered for promotional opportunities.

