



SPECTRASERV NEWSLETTER

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Waste Operations

Spectraserv's Waste Operations Division can and has provided its customers with services that fit in with scheduled operations and maintenance programs as well as those that do not.



Spectraserv Barge

In December, Spectraserv was called to provide emergency transportation services for the Bergen County Utilities Authority (BCUA). Due to the breakdown of a bridge over the Hackensack River, the routine barge transportation of sludge from the BCUA to the Passaic Valley Sewerage Commissioners (PVSC) treatment plant was disrupted. Spectraserv was required to marshal its tanker truck fleet

to move the material by land from the BCUA to the PVSC from December 15 through the 18th while repairs were being made to the bridge. On short notice, Spectraserv was able to divert its tanker trailers to the site and hauled over 380,000 gallons of liquid sludge to the treatment facility. After the bridge was repaired, Spectraserv was able to resume its normal barge operations.

Other clients have projects that require Spectraserv to maintain a specific schedule so that they can coordinate other activities impacted by the waste management services being performed by Spectraserv. Public Service Electric & Gas required a lagoon located at their Hudson generating station to be cleaned out in early December. Spectraserv mobilized its crews to meet the schedule. Within a week, Spectraserv's personnel had removed over 317,000 gallons of wastewater sludge and had transported the material to an

approved disposal site.

Similarly, Spectraserv was hired as a subcontractor by a large general contractor, WDF, who was in charge of a \$70 million plant upgrade for the New York City Department of Environmental Protection's Jamaica Bay wastewater treatment plant. In October, Spectraserv's trained staff spent two weeks removing nearly 2400 cubic yards of sludge from two digesters and transported the material to its Kearny, NJ Residuals Processing and Transfer Facility for further treatment and disposal. By cleaning out the digesters within the required timeframe, WDF was able to maintain the plant upgrade schedule for this phase of the project.

Scheduled maintenance or emergency operations, Spectraserv and its experienced personnel are ready and able to meet the waste management needs of its clients.



Spectraserv's Transfer Facility

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Forklift Safety

We all recognize the potential hazards of operating forklifts; for example, dropping loads, overturning, or striking a pedestrian. But, the simple act of getting on and off a forklift can pose hazards to operators, leading to such things as head injuries from hitting the overhead cage, and injuries from slipping off the step or jumping off the equipment. The following tips can help prevent accidents:

- Be sure that hands are clean and dry to prevent slipping when grabbing handhold.
- Don't try to carry tools or other items in your hand when mounting/dismounting.
- Check shoes for grease before entering the vehicle.
- Grasp handhold and get a good grip. Never grab the steering wheel because it could cause you to lose balance if it moves.
- Always be careful with footing when mounting and dismounting vehicle.
- Pull or lower your body carefully into or out of cab. Dismounting is the opposite of mounting — do not jump.
- Maintain three points of contact.

Construction

Spectraserv has recently been awarded several contracts for wastewater plant upgrades located at sites in New York and New Jersey. A substantial number of these projects have been funded through the stimulus program initiated by the American Recovery and Reinvestment Act of 2009 (ARRA). These contracts include the following:

- The Equipment Replacement Project for the Rockland County Sewer District No. 1 consists of the installation of new process equipment and related accessories throughout the wastewater treatment facility. Work at the project site is anticipated to commence by mid 2010 at this New York site. Sterns & Wheeler is the engineer of record for the contract.

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Construction (Cont'd)

✦ The Redesign and Upgrade of 16 MGD Wastewater Treatment Plant for the Township of Parsippany-Troy Hills in Morris County, New Jersey consists of extensive plant-wide process improvements and modifications. The contract, valued at nearly \$21million, has a project schedule of 2-years with commencement of on-site activities in Spring 2010. The project will be overseen by John Kling as Project Manager, Ken Schroeder as Project Engineer and Domingo Lago as Project Superintendent. CDM of Edison, New Jersey is the engineer of record for the contract.

✦ The Belt Press Installation Project at the Bernards Township Sewerage Authority in Somerset County, New Jersey consists of the installation of a new belt filter press, screw conveyor discharge system and polymer system to be contained within a new pre-engineered metal building. The project will start in the Spring of 2010. T&M Associates is the engineer of record for the contract.

✦ The Facility Improvements at the Madison Chatham Joint Meeting WWTP in Morris County, New Jersey consists of digester upgrades including new cover, mixing system, pipe/valve modifications and other plant-wide process improvements. Work at the site will commence by mid 2010. CDM of Edison, New Jersey is the engineer of record for the contract.

Spectraserv crews continue to perform numerous construction activities at the Yonkers Joint WWTP. The project, scheduled for completion in 2010, requires the finely staged demolition and installation of three (3) digester tanks. A key component of the installation work is a newly fabricated steel digester cover. The picture to the right illustrates the cover being rigged into position while using a hydraulic crane.



Installation of New Digester Cover at the Yonkers WWTP

Finally, Spectraserv will participate at the New York Water Environmental Association's 82st Annual Meeting and Trade Show to be held February 1st thru 3rd at the Marriott Marquis in New York City. Spectraserv provides attendees with company information regarding our diversified waste operations and construction services and welcomes everyone attending the Exhibit Area to come by to discuss any project or service requirements they may have. The show continues to draw the top engineering consulting firms, vendors and municipal owners from throughout the New York metropolitan area including the various NYCDEP agency representatives .

TIME TO REVIEW YOUR INFORMATION

As the New Year begins, it is a good time to review the information that is on file with Spectraserv's Human Resources Department as it relates to your benefits and your taxes.

By January 31, 2010, you will have received your W-2 Form from Spectraserv and you will be preparing your Tax Return for 2009. If your return indicates

that you are either over or under withholding your Federal or State taxes, you may want to fill out a new W-4 Form to make the appropriate adjustments in your tax withholding. Also, if your family situation has changed due to marriage, divorce or changes in the number of your dependants, you may need to complete a new W-4. Forms are available from the Human Resources Department. Please

consult with your tax advisor if you have any questions regarding your tax situation.

Additionally, you should review the Beneficiary Designation Forms for your life insurance and your 401(k) plan account. These are very important documents and should be reviewed in connection with your Estate Plan.

Auto Insurance from NJM

Because our company is a member of the New Jersey Business & Industry Association, you are eligible to apply for personal auto insurance coverage with New Jersey Manufacturers Insurance Company. (NJM).

NJM comes complete with outstanding service, a fair price, and dividends shared with policyholders in every year since 1918.

You can apply for personal auto insurance at www.NJM.com . (To qualify for coverage, you must meet NJM underwriting standards.) **Use Eligibility No. 39260**

Facts About Diesel Fuel 2010

- * 94% of U.S. goods are shipped using diesel-powered vehicles.
- * Diesel fuel accounted for about 7% of all energy used in the U.S. in 2008 and 18% of all petroleum products. About 10 gallons of diesel fuel are produced from each barrel of crude oil.
- * Most U.S. diesel fuel -- about 75% -- is used for highway motor vehicles such as trucks. The rest is consumed by the construction and agriculture industries, the military, railroads and marine craft.

Facts About Diesel Fuel 2010

- * Most diesel for highway use in the U.S. is now ultra-low sulfur diesel which contains 15 parts per million sulfur. Beginning in 2006, the use of low-sulfur diesel, which contains 500 parts per million of sulfur, has been restricted.
- * The highest recorded average price for U.S. diesel fuel was \$4.85 a gallon on July 17, 2008, when oil reached a record high above \$147 a barrel. On 10/19/09, the average U.S. diesel price was \$2.62 a gallon.

Health and Safety

Spectraserv continues to offer courses as part of its overall health and safety program. Reaching out to our employees with important safety information is key to the implementation of a health and safety program

On October 21st, 2009 Spectraserv held a new course designed for supervisors. The class covered topics such as overall job-site and worker safety, liabilities, control of subcontractors, effective communication, inspections and responsibilities to name a few. Prime Environmental presented this training to Spectraserv engineers, supervisors and safety personnel.

In November, Spectraserv conducted its annual seminar on Lockout/Tagout, Hearing Protection, Hazard Communication and Electrical Safety. The seminar reviewed OSHA regulations and safe

Month	Class	Attendees
January 2010	8-Hour HazMat Refresher	Select Personnel
January 2010	Welding Safety	Select Personnel
March 2010	CPR/First Aid	Select Personnel

work procedures. Prime Environmental provided sessions in both English and Spanish.

December 2009 training consisted of defensive driving safety for Spectraserv drivers. The class included lecture and videos as well as handouts discussing new OSHA regulations, new DOT Laws and some statistics on crashes. In addition, we reviewed some company policies and winter driving tips.

In January, select personnel will be required to attend the 8-hour Refresher OSHA Hazardous Materials Training (HAZWOPER). The objective of this class is to refresh our personnel in all aspects of hazardous materials handling. Maintaining our employees certification in this regard allows Spectraserv to be in compliance with Health and Safety standards required on our job sites.

Also in January, Spectraserv will conduct OSHA safety training for its welders. This class will review flash and arc welding safety procedures as well as hotwork safety.

Spectraserv provides its employees these training sessions in order to maintain a successful Health and Safety Program, but most importantly, to ensure the well being of our employees.

Working in Cold Weather

Whether you are working indoors or outdoors, you need to be aware of the hazards of exposure to heat and cold, how to guard against problems, and how to recognize the symptoms of distress. Individual tolerance to temperature extremes vary, but without adequate precautions, anyone can become ill, sometimes with serious—even fatal—results, from failure to recognize these hazards.

Prevent problems:

- Limit exposure to cold, especially if weather is windy or humid.
- Be especially careful if you're elderly, overweight, have allergies, or poor circulation.
- Be especially careful if you smoke, drink, or take medications.
- Be aware that problems can arise even in above-freezing temperatures.
- Be aware that problems can arise from touching a subfreezing object.
- Don't bathe, smoke, or drink alcohol before going into the cold.

Wear layers of loose, dry clothing:

- Wear cotton or wool under

layers.

- Wear a waterproof top layer.
- Be sure to cover head, hands, feet, and face.
- Dry or change wet clothing immediately.
- Keep moving in the cold.
- Take regular breaks in heated areas.
- Move to a warm area if you feel very cold or numb.
- Drink a warm nonalcoholic, decaffeinated beverage.

Know symptoms of frostbite:

- Feeling uncomfortably cold
- Feeling numb
- Feeling tingling, aching, or brief pain
- Skin color changing from white to grayish yellow to reddish violet to black
- Skin blisters
- Unconsciousness

Act quickly if frostbite strikes:

- Get medical attention.
- Don't rub body part or apply heat lamp or hot water bottles.
- Don't go near a hot stove.
- Don't break blisters.
- Warm frozen body part quickly with sheets or blankets or warm (not hot) water.

- Exercise warmed body part (don't walk on feet, though).
- Elevate frozen body part and cover with sterile cloths before moving.

Know symptoms of hypothermia:

- Feeling cold
- Pain in extremities
- Shivering
- Numbness and/or stiffness
- Poor coordination
- Drowsiness
- Slow or irregular breathing or heart rate
- Slurred speech
- Cool skin
- Puffy face
- Disorientation
- Apathy

Act quickly if hypothermia strikes:

- Call for medical help.
- Give victim artificial respiration, if needed.
- Move victim into warm area.
- Get victim out of frozen, wet, or tight clothing.
- Bundle victim in warm clothes or blankets.
- Have victim drink something warm (no caffeine or alcohol).

Humor Hut

A young woman was taking an afternoon nap. After she woke up, she told her husband, "I just dreamed that you gave me a pearl necklace for Valentine's day. What do you think it means?"

"You'll know tonight." he said.

That evening, the man came home with a small package and gave it to his wife. Delighted, she opened it--only to find a book entitled "The meaning of dreams".



A guy walks into a post office one day to see a middle-aged, balding man standing at the counter methodically placing "Love" stamps on bright pink envelopes with hearts all over them. He then takes out a perfume bottle and starts spraying scent all over them.

His curiosity getting the better of him, he goes up to the balding man and asks him what he is doing. The man says, "I'm sending out one thousand Valentine cards signed, 'Guess who?'"

"But why?" asks the man. "I'm a divorce lawyer," the man replies.



What day is today?

Over breakfast one morning, a woman said to her husband, "I'll bet you don't know what day this is."

"Of course I do," he answered as if he was offended, and left for the office.

At 10:00 a.m., the doorbell rang and when the woman opened the door, she was handed a box of a dozen long stemmed red roses. At 1:00 p.m., a foil-wrapped, two-pound box of her favorite chocolates was delivered. Later, a boutique delivered a designer dress.

The woman couldn't wait for her husband to come home. "First the flowers, then the chocolates and then the dress!" she exclaimed.

"I've never had a more wonderful Groundhog Day in my life!"

BIRTHDAYS, ANNIVERSARIES AND SPECIAL EVENTS



Birthday Wishes

MAZA, JOE	01/15
MARTINEZ, DOMINGO	01/22
RODRIGUEZ, ELADIO	01/28
LAGO, D. JESUS	01/30
MARTINEZ, CRISTOBAL	02/05
ALONSO, MANUEL	02/06
BARREIROS, DIEGO	02/07
MIELE, JOSEPH P.	02/11
WELLS, ABBY LYNN	02/15
FERNANDEZ, FRANCISCO	02/21
TEJELO, ANTONIO	02/21
ZARRAGOICOECHEA, JOE	02/22
LOPEZ, AMADOR	02/25
WENGRYN, JOHN	02/27
GONZALEZ, ANTONIO	03/06
QUIJADA-GARCA, EDY	03/06
BARREIROS, JOSE	03/23
PEREZ, ANGEL M.	03/25

Happy Anniversary

<i>January</i>	
GONZALEZ, ALEJANDRO	25
MARTINEZ, CRISTOBAL	21
SENSKE, FRANK	21
GALLAGHER, STEPHEN	20
MARTINEZ, JOSE	20
RUBLE, JAMES	20
MALVAREZ, MANUEL	19
RODRIGUEZ, ELADIO	19
KLING, JOHN	12
SCHROEDER, KEN	9
PERNAS, CARLOS	6
LOPEZ, ANGEL	5
CARDONA, WILLIAM	3
<i>February</i>	
CHORMANSKI, MARYANNE	38
FARINAS, LUIS	21
FREIRE, JESUS R.	18
ALVES, FERNANDO	7
CRUZ, CHRISTIAN	6
<i>March</i>	
MORANO, MANUEL	17
CARDOSO, RAMON	15
GOMEZ, MANUEL	15
HEATH, MICHAEL	11
WELLS, SHANNON	11
MADARRO, MARIA	10

***DON'T FORGET YOUR LOVED
ONES ON
FEBRUARY 14TH
HAPPY VALENTINES DAY***



***Please take a moment to
welcome our new employees***

Maria Barrieros—Reception
Augusto Luis—Construction
Juan Rodriguez—Construction



***Holidays Observed this Quarter
February 16th—Presidents Day***

