

# The Cleanupdate

## CLEAN EARTH IS PROVIDING MORE IN 2011

As 2011 gets well underway, Clean Earth is expanding our capabilities and preparing to take in more tons than ever this year. As always at Clean Earth, we provide our customers with environmentally responsible solutions to remove contaminated soils in the most efficient and cost effective manner, and as we grow, we will stay true to these roots.

In 2010, Clean Earth recycled or beneficially reused 3,125,313 tons of contaminated soil throughout the Northeast and Mid-Atlantic region. From everyone at Clean Earth, Thank You to our customers, we truly appreciate your business.

Now our big question – if we can recycle over 3.1 million tons of dirt in one year, why not more! So that is exactly what we are gearing up to do. Please take a second to read our CleanUpdate and see how we are providing MORE in 2011!

## FACILITY UPDATES

Our Clean Earth facilities are growing and providing more solutions for our customers needs. Here's what is new by facility:

### Clean Earth of New Castle

The Solid Waste Permit Renewal for Clean Earth of New Castle is now complete. This permit will expand New Castle's waste streams to allow for elevated parameters for non-petroleum, non-hazardous soils that were previously not permitted for treatment at this location. These waste streams will allow our New Castle facility to use existing operations to recycle and reuse soils for beneficial reuse.

### Clean Earth of North Jersey

## NEW GENERIC APPROVALS PROGRAM

We are making it quick and easy for customers to dispose of drum wastes. Clean Earth of North Jersey now has a NEW Generic Approvals Program for customers to dispose of drum waste - anything from non-hazardous drill cuttings to select hazardous waste streams. Our Generic Approvals Program includes over 40 pre-approved generic codes for both hazardous and non-hazardous generic contaminants.

- Only signed paperwork required
- No minimum or maximum quantities
- No testing charges
- No pre-approval process - Ability to schedule with signed profile
- Convenient North Jersey location – via the New Jersey Turnpike exit 15E
- 3 convenient ways to submit paperwork
  - o Submit profile in advance electronically with signature
  - o Submit profile in advance electronically without signature (signed profile brought with waste)
  - o Signed paperwork brought with waste (no electronic submission)
- Generic Profile Forms can be found on our website at <http://www.cleanearthinc.com/forms-and-downloads> under Section: *Clean Earth of North Jersey Generic Hazardous Waste Profiles*

## Clean Earth of Carteret

### ROCK, BRICK, BLOCK CAPABILITIES

Clean Earth of Carteret now has clean rock, brick and block processing capabilities, allowed by a permit revision to the NJDEP Class B Recycling Permit. In turn, recycled rock products are for sale at Clean Earth of Carteret. The material is tested every 1000 tons and meets New Jersey residential parameters (analytical available with load).

#### Types of rock available:

DGA (1.5" minus)

2" – 4" Clean

4" – 6" Clean

#### Material is not to be used for:

- Primary Food Production
- Residential Use Application (use at Commercial/ Industrial site permitted)
- Schools
- Hospitals
- Fill in wetlands

For pricing of rock products for sale, or more information on this new accepted waste stream please contact Clean Earth at 877.445.(DIRT).



### NEW CLEAN EARTH SERVICES

#### EXCAVATED MATERIAL DISPOSAL PLAN

Clean Earth now provides Excavated Material Disposal Plan (EMDP) services to small and mid-sized contractors and/or general contractors who are not equipped to handle such services internally or do not have an in-house environmental division. An EMDP and/or Soil Disposal Plan is a mandatory bid section usually required by city agencies such as NYSCA, Sanitation Department, Port Authority of NY/NJ, etc.

Clean Earth environmental experts are qualified to develop EMDPs to help our customers fulfill their contractual needs. In turn, this allows our customers that do not have these resources internally to focus on other project objectives and time management.

#### EMDP Services include:

- Soil Testing / Sampling / Gridding
- Data Review / Evaluations
- Waste Characterization
- Report Preparation / Documentation
- Facility Approvals
- Certifications



## ENVIRONMENTAL SUPPORT STAFF SERVICES

Faster, smarter, greener solutions ® is just not a tagline for Clean Earth, it's the way we do business. Once project samples have been collected, and the analytical has been reviewed, our environmental team will develop a delineation map and grid approval for your entire project site. The benefits of this service are phenomenal and the options are unparalleled with any competitor in the industry.

The site is broken down into grids each of which is cross referenced for eligibility into our 6 facilities and/or beneficial use sites. Those results are then analyzed to consider time, cost, and location ultimately giving our customer the best disposal location for each grid.

Here are some of the benefits of working with Clean Earth and our Environmental Team to develop a map and grid.

### Options.

- We give our customers options by identifying the maximum potential outlets.

### Cost Efficient.

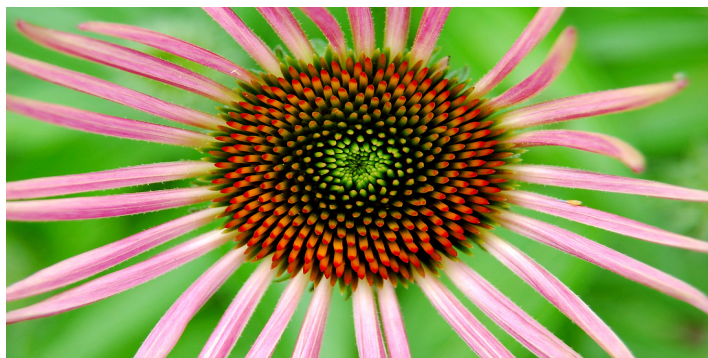
- This service identifies the facilities that can accept the material and corresponding costs. This allows our customer to estimate how much time will be needed to remove the soil from the site ultimately saving time and money.

### Environmentally Responsible.

- We recognize the importance of being environmentally responsible. Clean Earth facilities identified on the delineation map are also closest and most convenient to the project site which ultimately lowers our carbon footprint in transportation.

### Effective Project Management.

- Consider this as an on-site management tool. Our customers are able to use this map and grid to assist with project management.



## DID YOU KNOW?

Soil is a non-renewable resource. It takes Mother Nature hundreds and hundreds of years to create 1 inch of topsoil. All the more reason to work with Clean Earth! We recycle or beneficially reuse approximately 98% of the material we process.

## CLEAN EARTH BENEFICIAL USE

Clean Earth is starting off strong in 2011 with multiple beneficial use sites available to our customers (*options may vary by project*). Our beneficial use sites provide many cost-efficient benefits saving you time, money, and resources. Here are the highlights for just a few of our options:

### Teterboro Landing - Teterboro, NJv

- Less than 14 miles from NYC, easy truck access from I-80
- Transportation logistics include 3-4 turns from NYC/NJ markets
- Clean Earth is the exclusive fill provider and site manager
- Acceptable materials include soil, recycled concrete/masonry
- NJDEP approved acceptance criteria includes – non-residential limits including elevated levels of arsenic and PAHs
- Approval time is approximately one (1) week

### Middlesex Logistics Center - Edison, NJ

- Approximately 30 miles from NYC
- Easy truck access from NJ Turnpike via exit 10, close proximity to northern New Jersey markets
- Clean Earth is the exclusive fill provider
- Acceptable materials include soil, recycled concrete/masonry
- NJDEP approved acceptance criteria includes elevated PAH limits
- Approval time is approximately one (1) week

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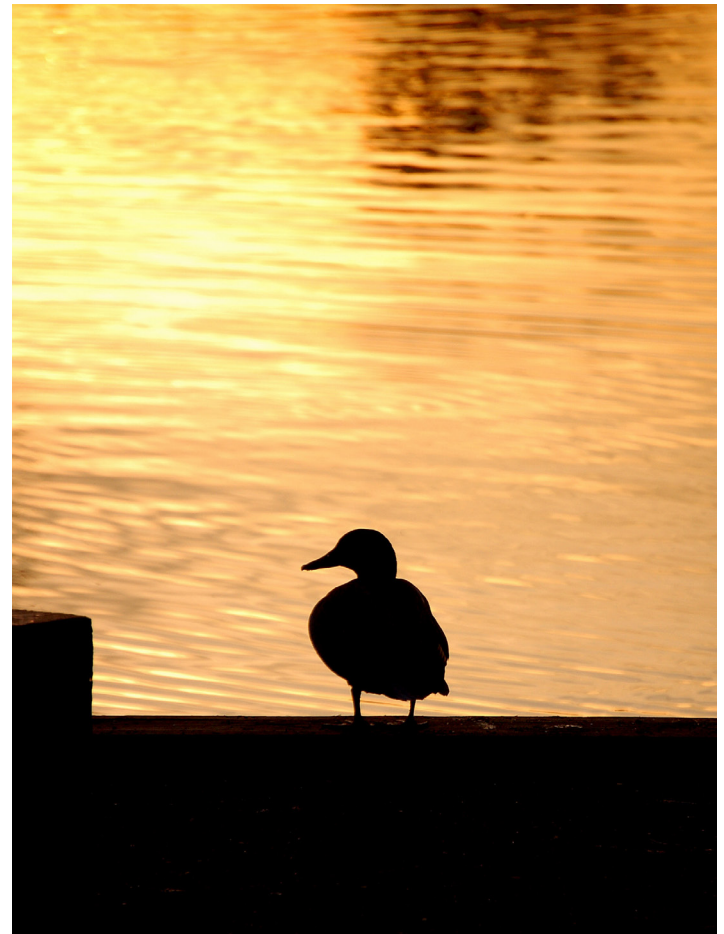
## Henry Harris Sanitary Landfill - Mullica Hill, NJ

- Easy truck access from NJ Turnpike via exit 4
- Accepts a broad range of materials from soil to coal and combustion products
- Approval time is approximately 3 to 5 business days

For more information on beneficial use sites please contact Clean Earth at 877.445.(DIRT).

## TIPS ON HOW TO EXPEDITE YOUR SHIPMENT TO A BENEFICIAL USE SITE:

- Be sure to obtain sampling requirements prior to testing.
- Each site has its own unique site specific Material Acceptance Protocol. All sampling requirements are available by request.
- Contact a Clean Earth Approvals Manager if you have any questions, or if you have any uncertainty on the sampling requirements. We are here to help and provide guidance.
- Provide historical site investigations, Phase II reports, geotechnical data, soil boring test results, etc.
- Provide a geotechnical sample (if required). Two five-gallon buckets are required for submission. The samples need to be as representative of the project material as possible.
- The installation of test pits is most often the most effective means of collecting the geotechnical samples.
- Submit completed applications –please feel free to contact Clean Earth with any questions regarding your application.
- Some beneficial use sites require a site visit from the engineer prior to approval, be sure to discuss this with your Clean Earth team.
- All manifests must include sample/grid numbers, approval number and truck tag numbers.
- Encore sampling required for VOC sampling at all Clean Earth beneficial use sites.



## REGULATION UPDATES

### NEW JERSEY

- New Jersey approved the use of EPH/TPH analytical data (Extractable Petroleum Hydrocarbons/Total Petroleum Hydrocarbon). <http://www.state.nj.us/dep/srp/srra/>. Therefore, Clean Earth of Carteret can now accept petroleum contaminated soils characterized by either EPH and/or TPH analytical.

### PENNSYLVANIA

- PADEP has a new clean fill certification form – <http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-81079/2500-FM-BWM0008.pdf>
- PADEP approves new ACT II standards
  - PA Health Standards – under PA land recycling program – key change does not affect the management of fill policy.

### NEW YORK

- TAGM # 4046 was officially rescinded on December



**SPRING HAS SPRUNG!**

Time to clean out the garage!  
Find Recycling Centers near you at  
<http://earth911.com/recycling/>

3, 2010 and replaced with CP-51 / Soil Cleanup Guidance that uses the 6 NYCRR Part 375 Standards as a basis of addressing soil cleanup levels. A copy of the new guidance document can be downloaded from the NYSDEC website: [http://www.dec.ny.gov/docs/remediation\\_hudson\\_pdf/cpsoil.pdf](http://www.dec.ny.gov/docs/remediation_hudson_pdf/cpsoil.pdf)

## TRADESHOWS & EVENTS

Clean Earth will be exhibiting at the following shows. Stop by our booth to see what's new and discuss your soil needs.

### **Brownfields 2011**

Philadelphia, PA  
Philadelphia Convention Center  
April 3-5, 2011  
Booth # 225  
<http://www.brownfields2011.org/en/home>

### **AREE (Atlantic Region Energy Expo)**

Atlantic City, NJ  
Atlantic City Convention Center  
May 3-5, 2011  
Booth # 517  
<http://www.areetradeshow.com/index.html>

## Clean Earth Presents Brown Bag Lunch Seminars

Want to learn more about all the services Clean Earth can offer? Got time for lunch? Let's schedule a time for Clean Earth technical experts to visit your office location during lunch. Seminars include a presentation of our services, auditing tips, project management time-savers, beneficial use sites, cradle to grave, and many other topics.

## MEMBERSHIPS

Clean Earth is active members in many industry organizations throughout the Northeast and Mid-Atlantic region. Just recently Clean Earth has become Associate Members of the GCA of NY and members of New Jersey WasteWise Business Network. WasteWise is a free, voluntary program established by the US EPA to promote waste reduction, recycling and recycled product procurement. Check it out at: <http://www.nj.gov/dep/dshw/recycling/wastewise/brbn03.htm>

## NEW TEAM MEMBERS

### **Nipam Shah, Senior Project Manager**

Nipam brings over 10 years of experience in managing comprehensive site investigations and various remedial activities from the environmental consulting industry. He has extensive knowledge and experience in environmental assessments, contaminated property characterization, and soil management for large redevelopment projects. Nipam graduated from a premier engineering institute, DDIT in India, with a Bachelor of Chemical Engineering and proceeded on to New York Institute of Technology (NYIT) graduating with a Masters in Environmental Technology.

### **Eileen Field, Technical Approvals Manager**

Eileen has 15 years of experience working directly with clients in diverse industries with the most recent 6 years assisting them with their hazardous and non-hazardous waste streams. She has been the technical liaison between clients, sales, operations and field personnel responsible for the approvals and pricing of hazardous and non-hazardous waste, drums and lab packs for disposal. Eileen graduated from the University of Colorado with a Masters in Environmental Studies.

### **Terry Gojkovich, Client Solutions Representative**

Terry brings 18 years of experience in the waste industry with various positions including credit/collections, customer service and special waste. She has worked as a Technical Service Manager in the waste industry throughout Western Pennsylvania and West Virginia to secure approvals into one of 16 landfills in our region. Terry attended Slippery Rock State College in Pennsylvania.

## CONTACT US

For more information on any of the topics discussed in this CleanUpdate or other Clean Earth services call us at 1-877-445-DIRT (3478) and mention the CleanUpdate. Or visit us on the web at [www.cleanearthinc.com](http://www.cleanearthinc.com) to find out MORE about Clean Earth. You can even submit your request or inquiry at <http://www.cleanearthinc.com/Contact-Us/general-info>

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