New York State Department of Environmental Conservation

Division of Environmental Remediation

Remedial Bureau C, 11th Floor

625 Broadway, Albany, New York 12233-7014 **Phone:** (518) 402-9662 • **Fax:** (518) 402-9679

Website: www.dec.ny.gov



September 15, 2011

Via Electronic Mail

Patrick J. Van Rossem Project Manager National Grid Environmental Department 175 East Old County Road Hicksville, NY 11801

Re: Basis of Design Report for In-Situ Solidification

August 2011

Hempstead Intersection Street MGP Site

Garden City/Hempstead (V), Site #130086, Nassau County

Dear Mr. Van Rossem:

We reviewed the Basis of Design Report for In-Situ Solidification, dated August 2011 developed for the above referenced site. Based on this review, it was determined that this document is acceptable to the Department and should be used for the development of Remedial Action plans and specifications.

If you have any questions regarding this letter, please contact me at (518) 402-9662.

Sincerely,

Lech Dolata
Project Manager

Remedial Action Bureau C Division of Environmental Remediation

ecc: S. McLelland - NYSDOH J. DeFranco - NCDH



Sundquist, Jon

From: Connare, Kevin < kevin.connare@urs.com>
Sent: Monday, September 12, 2011 2:53 PM

To: Jon Sundquist

Subject: FW: Hempstead Waste Char Data - Bayshore Contact

Jon,

Approval from Bayshore.

Kevin Connare Senior Geologist

URS Corportation 77 Goodell St Buffalo, NY 14023

Office: (716) 923-1165 Cell: (716) 861-7661 Fax: (716) 856-2545

From: Jennifer Solewski [mailto:JSolewski@bayshorerecycling.com]

Sent: Monday, September 12, 2011 2:43 PM

To: Fairbanks, Peter Cc: Connare, Kevin

Subject: RE: Hempstead Waste Char Data - Bayshore Contact

Absolutely ©

Based on the analytical data submitted, there were a total of 71 complete waste class analysis as required for Bayshore Soil Management (for all the areas combined). Preliminary review indicates that the material is non-hazardous and once we receive a completed Generator Waste Profile, should yield approval of up to 53,250 tons.

Thanks, Jennifer

From: Peter_Fairbanks@URSCorp.com [mailto:Peter_Fairbanks@URSCorp.com]

Sent: Monday, September 12, 2011 10:42 AM

To: Jennifer Solewski

Cc: Kevin_Connare@URSCorp.com

Subject: RE: Hempstead Waste Char Data - Bayshore Contact

Jennifer,

Does this mean our material is acceptable to Bayshore for disposal?

Pete

Peter R. Fairbanks Senior Environmental Chemist URS Corporation 77 Goodell Street Buffalo, New York 14203 Tel: 716.856.5636 Direct: 716.923.1121

Fax: 716.856.2545

email: peter_fairbanks@urscorp.com

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Jennifer Solewski <JSolewski@bayshorerecycling.com>

To "Peter Fairbanks@URSCorp.com" < Peter Fairbanks@URSCorp.com >

cc "Kevin_Connare@URSCorp.com" <Kevin_Connare@URSCorp.com>

Subject RE: Hempstead Waste Char Data - Bayshore Contact

Hi Peter,

09/12/2011 10:33 AM

I apologize for the delay in sending this email, seems that it was sitting in my 'drafts' folder.

Preliminary review of the analysis provided indicates that the parameters as required by our permit for the acceptance of MGP / Coal Tar impacted soils have ben tested for.

Thanks, Jennifer

From: Peter_Fairbanks@URSCorp.com [mailto:Peter_Fairbanks@URSCorp.com]

Sent: Monday, August 29, 2011 4:09 PM

To: Jennifer Solewski

Cc: Kevin_Connare@URSCorp.com

Subject: Hempstead Waste Char Data - Bayshore Contact

Jennifer,

Attached is the tabulated waste characterization data on a per Area basis from the Hempstead Site. Any questions, please do not hesitate to call.

Regards,

Peter R. Fairbanks Senior Environmental Chemist URS Corporation 77 Goodell Street Buffalo, New York 14203 Tel: 716.856.5636

Direct: 716.923.1121 Fax: 716.856.2545

email: peter fairbanks@urscorp.com

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From: Robert Moe <rmoe@entact.com>
Sent: Thursday, January 30, 2014 1:31 PM

To: Hewitt, Michael

Subject: FW: Hempstead Spoils (1312B20-001 23 SPOILS) Results for December Approval

Increase

FYI.

Thank you, Robert (Bobby) Moe ENTACT, LLC NEW Cell: 865-368-8636

Fax: 630-986-0703

From: Tracy Sanders [TSanders@bayshorerecycling.com]

Sent: Friday, January 10, 2014 1:09 PM

To: Robert Moe

Cc: Susan Adametz; Jennifer Solewski; Bryan Nesi

Subject: RE: Hempstead Spoils (1312B20-001 23 SPOILS) Results for December Approval Increase

Good afternoon Bobby,

I have reviewed the additional analysis for the Hempstead former MGP site, BSM approval 2711-657. The data provided includes 1 waste class sample (1312B20-001, 23 SPOILS) which will increase the current approval of 67,500T by 750T making the new approval volume 68,250T. As requested, we can schedule loads into BSM for Monday, but please confirm by 3:00 pm.

Thanks Tracy

Tracy Lynn Sanders (Simone)



P: 732-738-6000, F: 732-738-0620 C: 973-800-6759 75 Crows Mill Rd. PO Box 290, Keasbey, NJ 08832 tsanders@bayshorerecycling.com www.bayshorerecycling.com

From: Robert Moe <rmoe@entact.com>
Sent: Thursday, January 30, 2014 1:32 PM

To: Hewitt, Michael

Subject: FW: Hempstead Spoils Results for July 2013 Approval Increase

FYI

Thank you, Robert (Bobby) Moe ENTACT, LLC NEW Cell: 865-368-8636

Fax: 630-986-0703

From: Tracy Sanders [TSanders@bayshorerecycling.com]

Sent: Thursday, September 05, 2013 12:02 PM

To: Robert Moe

Cc: Jennifer Solewski; Susan Adametz

Subject: RE: Hempstead Spoils Results for July 2013 Approval Increase

Hi Bobby,

I have reviewed the additional analysis for the Hempstead former MGP site, BSM approval 2711-657. The data provided includes 3 waste class samples which will increase the current approval of 60,750T by 2,250T making the new approval volume 63,000T. As requested, we have scheduled 10 loads into BM for tomorrow.

Thanks Tracy

Please note that my name and email address have changed © **Tracy Lynn Sanders (Simone)**

Project & Sales Coordinator



P: 732-738-6000, F: 732-738-0620 C: 973-800-6759 75 Crows Mill Rd. PO Box 290, Keasbey, NJ 08832 tsanders@bayshorerecycling.com www.bayshorerecycling.com

From: Robert Moe <rmoe@entact.com>
Sent: Thursday, January 30, 2014 1:31 PM

To: Hewitt, Michael

Subject: FW: Hempstead Spoils Results for September 2013 Approval Increase

FYI.

Thank you,
Robert (Bobby) Moe
ENTACT, LLC

NEW Cell: 865-368-8636

Fax: 630-986-0703

From: Tracy Sanders [TSanders@bayshorerecycling.com]

Sent: Thursday, September 19, 2013 11:01 AM

To: Robert Moe

Cc: Susan Adametz; Jennifer Solewski

Subject: Hempstead Spoils Results for September 2013 Approval Increase

Good morning Bobby,

I have reviewed the additional analysis for the Hempstead former MGP site, BSM approval 2711-657. The data provided includes 4 waste class samples which will increase the current approval of 63,000T by 3,000T making the new approval volume 66,000T. As requested, we have scheduled 16 loads into BM for tomorrow. Should you need to change the schedule, please let us know right away.

Thanks Tracy

Please note that my name and email address have changed © **Tracy Lynn Sanders (Simone)**

Project & Sales Coordinator



P: 732-738-6000, F: 732-738-0620 C: 973-800-6759 75 Crows Mill Rd. PO Box 290, Keasbey, NJ 08832 tsanders@bayshorerecycling.com www.bayshorerecycling.com

From: Robert Moe <rmoe@entact.com>
Sent: Thursday, January 30, 2014 1:30 PM

To: Hewitt, Michael

Subject: FW: Hempstead Waste Char Data Approval Increase

FYI.

Thank you, Robert (Bobby) Moe ENTACT, LLC

NEW Cell: 865-368-8636

Fax: 630-986-0703

From: Tracy Sanders [TSanders@bayshorerecycling.com]

Sent: Thursday, July 11, 2013 11:45 AM

To: Robert Moe

Cc: Jennifer Solewski; Susan Adametz; jon.sundquist@urs.com **Subject:** RE: Hempstead Waste Char Data Approval Increase

Good morning Bobby,

I have reviewed the additional analysis for the Hempstead former MGP site, BSM approval 2711-657. The data provided includes 9 waste class samples which will increase the current approval of 54,000T by 6,750T making the new approval volume 60,750T.

Thanks Tracy

Please note that my name and email address have changed © **Tracy Lynn Sanders (Simone)**

Project & Sales Coordinator



P: 732-738-6000, F: 732-738-0620 75 Crows Mill Rd. PO Box 290, Keasbey, NJ 08832 tsanders@bayshorerecycling.com www.bayshorerecycling.com

TRANSPORTATION & DISPOSAL MATRIX

Transportation & Disposal Impacted Soil Non-Hazardous	Low Temperature Thermal Desorption Facility A Clean Earth of Philadelphia, Inc. 3201 South 61st Street Philadelphia, PA 19153 PADEP Permit #301220 Disposal Conditions: TSCA/RCRA Non-Hazardous Waste Moisture < 15% Debris < 5% (non-crushable or steel debris) No size restriction on crushable debris or steel (must come off of truck) Debris over 2X2X2 and >5% surcharged TPH every 5,000 ppm over 1.5% surcharged Every % moisture > 15% surcharged Surcharges may apply to High Sulfur coal tar or coal tar slag	Low Temperature Thermal Desorption Facility C Clean Earth of New Castle, Inc. 94 Pyles Lane New Castle, DE 19720 Permit #SW-95/07 Disposal Conditions: TSCA/RCRA Non-Hazardous Waste Moisture < 15% Debris < 5% (non-crushable or steel debris) No size restriction on crushable debris or steel (must come off of truck) Debris over 2X2X2 and >5% surcharged TPH every 5,000 ppm over 1.5% surcharged Every % moisture > 15% surcharged Every % moisture > 15% surcharged DE does not honor the EPA conditionally exempt waste determination for	Low Temperature Thermal Desorption Facility D ESMI Environmental Soil Management of NY, LLC 304 Towpath Road Fort Edward, NY 12828 Permit #5-5330-00038/00019 TSCA/RCRA Non-Hazardous Waste TPH < 1.5% The every 5,000 ppm over 1.5% -surcharged Crushable stone, concrete, brick to be 2'x2' or less and not exceed 1% of the load. Non-Crushable Debris over 2X2X2 and >1% surcharged Moisture < 18% - surcharged Moisture < 18% - surcharged Clay Contents <15% No high sulfur coal tar or coal tar slag will be	Low Temperature Thermal Desorption Facility F Bayshore Soil Management 75 Crows Mill Road Keasbey, NJ 08832 NJDEP #CBG110002 Disposal Conditions: TSCA/RCRA Non-Hazardous Waste TPH every 5,000 ppm over 1.5% surcharged Crushable stone, concrete, brick to be 1'x1' or less and not exceed 1% of the load. Non-Crushable Debris over 1X1X1 and >1% surcharged Moisture < 18% surcharged Moisture < 18% surcharged Clay Contents <15%
Transportation & Disposal Impacted Soil Transfer Facility	Transfer Facility Only OTHER Clean Earth of Carteret, Inc. 24 Middlesex Avenue Carteret, NJ 07008 Permit # CBG080002 Disposal Conditions: Transfer Facility for Clean Earth Material Only	Benzene if material is D018	accepted	
Transportation & Disposal Impacted Waters Non-Hazardous	Water Treatment & Permitted Discharge Clean Water of New York, Inc. 3249 Richmond Terrace Staten Island, NY 10303-0312 NYSDEC Part 360 Facility DEC Permit No. 2-6401-00065/00001 Disposal Conditions: TSCA/RCRA Non-Hazardous TOX < 1,000 PPM TS & TSS < 1% PCB's < 2ppm As, Cr, PB < 100 PPM Cadmium < 20 PPM S,500 Gallon Minimum			

National Grid – In-Situ Solidification – Hempstead Intersection Street Former MGP Site Villages of Hempstead & Garden City, New York

TRANSPORTATION & DISPOSAL MATRIX

Concrete and Asphalt Recycling Non-Impacted	Material Recycling Bayshore Recylcing Corp 75 Crows Mill Road Keasbey, NJ 08832 NJDEP Permit #:CBG110002/13297		
Clearing Debris, General Site Waste, Construction Waste and Steel Scrap Non-Impacted	Transfer and Sorting Facility Suffolk Industrial Recovery Corp dba PK Metals 3542 Route 112 Coram, New York 11727 (631) 732-6403 Suffolk Industrial Recovery Construction Debris, Office Waste, or Brush is managed at the West Babylon Facility Permit # 1-4720-02209/00001 PK Metals (steel only) NYS Scrap Processor Permit # 7081268 NYS DEC Transporter Permit # 1A-824.		

LTTD & Waste Disposal - Facility A

Clean Earth of Philadelphia, Inc.

3201 South 61st Street Philadelphia, PA 19153



Faster, smarter, greener solutions...

EXHIBIT A Material Profile Sheet

Global Job#	
Sales Rep _	

Check each site you would like to utilize for this waste approval: ☐ Clean Earth of Carteret. Inc. ☐ Clean Earth of Maryland, Inc. Clean Earth of Southeast Pennsylvania, Inc. 1469 Oak Ridge Place 24 Middlesex Avenue 7 Steel Road East Carteret, NJ 07008 Hagerstown, MD 21740 Morrisville, PA 19067 Ph: 732-541-8909 Ph: 301-791-6220 Ph: 215-428-1700 ☐ Clean Earth of North Jersey, Inc. Clean Earth of Philadelphia. Inc. ☐ Clean Earth of New Castle, Inc. 3201 South 61st Street 94 Pyles Lane 115 Jacobus Avenue New Castle, DE 19720 Philadelphia, PA 19153 South Kearny, NJ 07032 Ph: 215-724-5520 Ph: 302-427-6634 Ph: 973-344-4004 A. Waste Generator/Job Site Information 1. Generator Name: 9. Job Site Name: 2. Generator Address: __ 10. Job Site Address: ______ 11. Job Site City: 3. Generator City: 12. Job Site State/Zip: 4. Generator State/Zip: __ _____ 13. Job Site Phone: 5. Generator Phone: 14. Job Site Contact: 6. Generator Contact: 15. Job Site Email: 7. Generator Email: 16. Job Site County: 8. Generator County: Billing Information 17. Customer Name: _____ 21. Customer Phone: _ 18. Customer Address: 22. Customer Contact: _____ 23. Customer Email: 19. Customer City: 24. Customer County: 20. Customer State/Zip: _ B. Waste Stream Information 2. State Waste Code(s) (if applicable): 1. Name of Waste: 3. Process Generating Waste (attach separate sheet if necessary): 4. Estimated Quantity of Waste: C. Waste Composition/Characteristics 1. Source of Contamination (ie. UST, AST, leak, spill, non specific): 2. Type of Contamination (ie. diesel, gasoline, waste oil, heating oil, MGP, etc.): 3. Contaminants of Concern: See Data 4. Provide a site history detailing past and present land uses, on site storage/process information and any activities related to contaminants of concern (attach a separate sheet if necessary): 5. Composition of Waste (clay, rock, sand, moisture, % chemical, constituents, contaminants, etc.; should equal 100%): 6. Is this site a State or Federal Superfund Site? ☐Yes ☐No 7. Is laboratory report being supplied with this profile? ☐Yes □No 7a. If yes, you will need to attach a sampling plan description and diagram of sampling locations that ties to the data. Please refer to the "Site Sampling Diagram" form in your approval package for guidance. 8. Is the waste represented in this waste profile classified as a radioactive material under USEPA 40CFR ☐Yes ☐No 191.12 or other applicable regulatory provisions? 9. Does the waste represented contain any levels of polychlorinated biphenyls (PCBs)? ☐Yes ☐No 9a. If yes, list the level: 9b. If yes, is the waste material TSCA regulated or defined as a PCB remediation waste under TSCA? □Yes □No □N/A 10. Does the waste represented contain herbicides, pesticides, asbestos, insecticides or residues thereof at ☐Yes ☐No concentrations that would render it hazardous as defined by 40 CFR 261 or subject to additional state or federal regulations?

Non Hazardous Profile Sheet

Global Job#	 		
Sales Rep			

C. Wasta Camp saiding (Champatagistics (santinged)		
C. Waste Composition/Characteristics (continued) 11. The waste represented in this profile is generated as a result of the continued.	maatiya maananaa takan	□Yes □No
under the Federal Underground Storage Tank Regulation 40 CFR 280		☐ res ☐ No
12. Is the waste a dioxin bearing waste?		□Yes □No
13. Is this waste a treatment residue from a previously listed or characteris	tic hazardous waste?	□Yes □No
14. Is there a nuisance level of odor associated with this waste?		□Yes □No
15. Are there any special handling instructions for management of this was		□Yes □No
16. If yes to any of the questions numbered 6-15, please explain (attach a	n additional sheet if necessary):	
- 		
D. Generator Certification		
I certify that the waste represented by this profile is not a listed hazardout.	us waste, per does it contain a	□Yes □No
listed hazardous waste, nor does it exhibit any characteristics of a hazar		
CFR 261.	acue wacte ac acimica by 10	
I certify that this waste profile and all attachments contain true and accur	ate descriptions of the waste	□Yes □No
material.	ate accompanie of the waste	
3. I certify that all relevant information in possession of the Generator perta	ining to known or suspected	□Yes □No
hazards with regard to the waste has been disclosed to Clean Earth.	ming to known or edoposica	_
I certify that all changes that occur in the characteristics of the waste will	be identified by the Generator	□Yes □No
and disclosed to Clean Earth prior to providing the waste to Clean Earth		
5. I certify that the analytical data attached hereto are derived from testing		□Yes □No □N/A
referenced in 40 CFR 261.20 or an equivalent state regulatory provision		
6. For sites that contain "clean fill," the undersigned certifies that a site inve	estigation was conducted and	□Yes □No □N/A
that the soil was characterized according to the proposed Clean Earth fa	cility(s) acceptance criteria for	
soil classification as "clean fill" and where applicable in accordance with		
of Fill Policy.		
7. The undersigned has determined the non-hazardous status of the said v		□Yes □No
40 CFR 261.11. Should, at any time after delivery, the material accepte		
non-conforming to the information certified in this profile and represented		
hereto, it becomes the responsibility of the Generator/Agent to remove the		
Clean Earth facility within five (5) days of notification. Notification is to b		
notification, overnight receipted. It is the Generator's/ Agent's responsib		
State and Local regulations associated with the removal of their waste.		
within the specified time period, said disposal shall be arranged by a Cle		
billed to the Generator/Agent at cost plus basis. Furthermore, the Gene		
for any and all cost for decontamination required by the Clean Earth faci		
Generator's/Agent's material and all liability for such nonconforming was	te shall revert to	
Generator/Agent.		
*Co.ukifi.o.uki.o.u		
*Certification		
Signature: Dat		
Name (Type or Print): Cor	npany:	
*If someone other than the Generator is signing this profile or intends to sig		
additional certifications, manifests, etc.) pertaining to this waste profile, auth	iorization from the Generator, on	the Generator's letterhead,
must be supplied to Clean Earth prior to acceptance of waste material.		
E. Clean Earth Waste Approval Decision		
1 Treatment Ontion(c)		
3. Supplemental Information (special handling, hours of acceptance,etc): _		
		
4. Approval Decision: ☐ Approved ☐ Denied	Approved to	unnades.
4a.If denied, please indicate reason in the space provided:		<u> </u>
4a.ii denied, piease indicate reason in the space provided.		
F. Annual Cimeture	Deter	
5. Approval Signature:	Date:	
6. Facility Manager's Signature:	Date:	



August 22, 2011

Mr. Thomas Kushnir Clean Earth of Philadelphia, Inc. 3201 South 61st Street Philadelphia, PA 19153

Re:

Short-term Renewal Permit Clean Earth of Philadelphia, Inc. City of Philadelphia ID No. 301220

Dear Mr. Kushnir:

The Pennsylvania Department of Environmental Protection (Department) is in the process of reviewing the ten-year renewal application for the above-referenced residual waste processing facility. However, the current permit term expires on August 22, 2011. In order to provide sufficient time for the Department to complete its review to Clean Earth's application, this solid waste permit is being issued to allow for the short-term, continued operation of the facility under previously permitted terms and conditions during the finalization of our review. This short-term renewal of the permit shall be for a period not to exceed the expiration date of the permit, unless this short-term permit is revoked, or a final action on the renewal permit is taken, sooner. Therefore, we have issued the enclosed permit in accordance with Article V of the Solid Waste Management Act, 35 P.S. Sections 6018.101 et seq.

Compliance with the limitations and stipulations that have been set forth on your permit is mandatory.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

If you have any questions about the enclosed permit or requirements of the Solid Waste Management Act, please contact Dr. Mohamad Mazid, P.E., Chief, Engineering Services, at 484,250.5768.

Thank you for your cooperation.

Sincerely,

James Wentzel, P.H

Regional Manager

Waste Management Program

Enclosure:

Short-term Renewal Permit

cc:

City of Philadelphia Health Department (w/enclosure)

Mr. Logan – Compliance Plus Services, Inc.

Re 30 (GJS11WM)228-4a

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.

301220

Date Issued

August 22, 2011

Date Expired November 22, 2011

Under the provisions of the Pennsylvania Solid Waste Management Act of July 7, 1980, Act 97, a permit for a solid waste disposal and/or processing facility at (municipality) the City of Philadelphia in the County of

Philadelphia is granted to (applicant)

Clean Earth of Philadelphia, Inc.

(address)

3201 South 61st Street

Philadelphia, PA 19153

This permit is applicable to the facility named as: Clean Earth of Philadelphia, Inc., and described as:

Latitude - 39°, 55', 16"

Longitude - 75°, 12', 52"

This permit is subject to modification, amendment and supplement by the Department of Environmental Protection (Department) and is further subject to revocation or suspension by the Department for any violation of the applicable laws or the rules and regulations adopted there under, for failure to comply in whole or in part with the conditions of this permit and the provisions set forth in the application No. 301220 which is made a part hereof, or for causing any condition inimical to the public health, safety, or welfare.

See Attachment for waste limitations and/or special conditions.

ENVIRONMENTAL PROTECTION

Permit For

Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.	301220
Date Issued	August 22, 2011
Date Expired	November 22, 2011

- 1. This solid waste permit is issued to allow for the short-term, continued operation of the Clean Earth of Philadelphia, Inc., residual waste processing facility under previously permitted terms and conditions during the pendency of the ten-year renewal application, APS No. 699272, AUTH No. 801870 ("renewal application"). This action is taken to provide sufficient time for the applicant and the Department to complete the renewal application review and approval process. This short-term renewal of the permit shall be for a period not to exceed the expiration date listed above, unless this short-term permit is revoked, and a final action on the renewal application is taken, sooner.
- 2. Nothing in this permit shall be construed to supersede, amend, or authorize violation of, the provisions of any valid and applicable local law, ordinance, or regulation, provided that said local law, ordinance, or regulation is not pre-empted by the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, Act 97, 35 P.S. 6018.101 et seq.
- 3. As a condition of this permit, and of the permittee's authority to conduct the activities authorized by this permit, the permittee hereby authorizes and consents to allow authorized employees or agents of the Department, without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas on which solid waste management activities are being or will be conducted. The authorization and consent shall include consent to collect samples of waste, water or gases, to take photographs, to perform measurements, surveys and other tests, to inspect any monitoring equipment, to inspect the methods of operation, and to inspect and/or copy documents, books or papers required by the Department to be maintained. This permit condition is referenced in accordion with Sections 608 and 610(7) of the Solid Waste Management Act, 35 P.S. Sections 6018.608 and 6018.610(7). This condition in no way limits any other powers granted under the Solid Waste Management Act.

Permit For

Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.	301220
Date Issued	August 22, 2011
Date Expired	November 22, 2011

- 4. All applicable terms and conditions of the permit issued to Soil Remediation of Philadelphia, Inc., on April 24, 2000, and subsequent modifications issued on July 18, 2002 (corporate name change to Clean Earth of Philadelphia, Inc.), December 9, 2003 (Radiation Protection Action Plan), and December 26, 2007 (Form Revisions Non-Hazardous Profile Sheet), including the respective application documents incorporated therein, are hereby incorporated as part of this permit. These documents constitute the permit for the Clean Earth of Pennsylvania, Inc., facility, and their incorporation herein shall constitute a continuation of operations as previously permitted during the pendency of the renewal application. Where the terms or conditions of the referenced permits differ from their incorporated documents, the applicable terms or conditions of the referenced permits shall govern.
- 5. The terms and conditions of this permit shall terminate upon final action on the renewal application or by the expiration date contained in this permit, whichever occurs first.
- 6. The current bond between the permittee and the Department remains in effect and is considered part of this permit.

Re 30 (GJS11WM)228-4





Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010 555 North Lane Conshohocken, PA 19428

July 18, 2002

610-832-6212 Fax 610-832-6143

Southeast Regional Office

CERTIFIED MAIL NO. 7001 0360 0002 3996 6204

Mr. Timothy Fogerty General Manager/Vice President Clean Earth of Philadelphia, Inc. 3201 South 61st Street Philadelphia, PA 19153-3592

Re: Clean Earth of Philadelphia, Inc.

City of Philadelphia
ID No. 301220
APS No. 365732 AUTH No. 3

APS No.365732, AUTH No.378493

Dear Mr. Fogerty:

The Department has reviewed your application to reflect the corporate name change from Soil emediation of Philadelphia, Inc. to Clean Earth of Philadelphia, Inc. and has determined that you have satisfied all applicable requirements necessary to perform this activity.

Solid Waste Permit No. 301220 is hereby amended to change the name of the permittee and the facility to Clean Earth of Philadelphia, Inc. This action is not a permit reissuance but merely reflects the formal name change indicated on the amended certificate of authority for a foreign business corporation as filed with the Pennsylvania Department of State. The referenced permit is amended, as described below, in accordance with Article V of the Solid Waste Management Act, 35 P.S. Section 6018.101, et seq.

Please replace pages 1, 2, and 11 of the permit issued on April 24, 2000 with the enclosed revised pages. The enclosed revised pages have been amended to replace references to "Soil Remediation of Philadelphia, Inc." with "Clean Earth of Philadelphia, Inc." in the permit cover page, Condition Nos. 1 and 32. This permit action is limited to the name change made to the enclosed pages.

Compliance with the terms and conditions set forth in the permit is mandatory. Please note that issuance of this permit does not eliminate the necessity to comply with all federal, state, or local requirements at the permitted facility. You have the right to file an appeal as to the terms and conditions of this permit.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S., Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in Braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions about the enclosed permit or requirements of the Solid Waste Management Act, please contact Mr. James Wentzel, P.E., Chief, Engineering Services Section at 610-832-6145.

Sincerely,

Ronald C. Furlan, P.E.

Regional Manager

Waste Management Program

Enclosure:

Revised Permit pages 1, 2, and 11

cc:

Mr. Zipin (Philadelphia Health Department)

Mr. Braun (Air Management Services)

Mr. Logan (Compliance Plus Services)

Re 30 (GJC02)136-27



Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010 555 North Lane Conshohocken, PA 19428

April 24, 2000

Southeast Regional Office

610-832-6212 Fax 610-832-6143

CERTIFIED MAIL NO. P 092 246 844

Mr. Shawn O'Donnell General Manager Soil Remediation of Philadelphia, Inc. 3201 South 61st Street Philadelphia, PA 19153

> Re: Permit Renewal/Modification Soil Remediation of Philadelphia, Inc. City of Philadelphia I.D. No. 301220, APS No. 13461

Dear Mr. O'Donnel:

Enclosed is Solid Waste Permit No. 301220 for the continued operation and modification of the above referenced residual waste processing facility, issued in accordance with Article V of the Solid Waste Management Act, 35 P.S. Sections 6018.101, et seq.

Compliance with the terms and conditions set forth in the permit is mandatory. You have the right to file an appeal as to these terms and conditions.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S., Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

Because of the complexity of this permit, and the proposed modifications, we believe that a post-issuance conference would be useful. Please contact this office to arrange such a conference.



If you have any questions about the enclosed permit or requirements of the Solid Waste Management Act, please contact Mr. James Wentzel, Chief, Engineering Services, at 610-832-6145.

Sincerely,

Ronald C. Furlan, P.E.

Regional Manager

Waste Management Program

Enclosure

cc: Mr. Zipin - PHD (w/enclosure)

Mr. Fey - AMS (w/enclosure)

ARC, Inc. - (w/enclosure)

Re 30 (RN00WM)20-10

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.

301220

Date Issued

April 24, 2000

Date Expired April 24, 2010

Under the provisions of the Pennsylvania Solid Waste Management Act of July 7, 1980, Act 97, a permit for a solid waste disposal and/or processing facility at (municipality) City of Philadelphia in the County of Philadelphia is granted to (applicant) Clean Earth of Philadelphia, Inc. (address) 3201 South 61st Street, Philadelphia, PA 19153-3592.

This permit is applicable to the facility named as Clean Earth of Philadelphia, Inc. and described as:

Latitude - 39°, 55', 16"

Longitude - 75°, 12', 52"

This permit is subject to modification, amendment and supplement by the Department of Environmental Protection and is further subject to revocation or suspension by the Department of Environmental Protection for any violation of the applicable laws or the rules and regulations adopted thereunder, for failure to comply in whole or in part with the conditions of this permit and the provisions set forth in the application No. 301220 which is made a part hereof, or for causing any condition inimical to the public health, safety or welfare.

See Attachment for waste limitations and/or special conditions

> FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

1.

"COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WASTE MANAGEMENT

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.

301220

Date Issued

April 24, 2000

Date Expires

April 24, 2010

This waste management permit is issued based upon application No. 301220, which was received in the Southeast Regional Office of the Department of Environmental Protection on November 17, 1996. This permit is for renewal and modification of the residual waste processing facility known Clean Earth of Philadelphia, Inc. located in the City of Philadelphia. Modifications include an expanded list of both waste to be processed and waste contaminants amendable to thermal remediation, the addition of an oily wastewater treatment process, increased processed and unprocessed waste storage piles, solid and liquid drum storage and processing areas, transfer operations for certain contaminated wastes, and provisions for the addition of various wastes and sludges to thermally remediated soil (pending separate general permit approval). This approved application consists of the following documents:

Form A received on November 7, 1996, resubmitted on January 11, 1999

Form B received on November 7, 1996, resubmitted on January 11, 1999

Form B1 received on November 7, 1996

Form HWC received on November 7, 1996, revised February 5, 1998, May 28, 1998, and May 19, 1999

Form D received on November 7, 1996, resubmitted on January 11, 1999

Form E received on November 7, 1996, resubmitted on January 11, 1999

Form G(A) received on November 7, 1996, resubmitted on January 11, 1999

Form I received on November 7, 1996, resubmitted on January 11, 1999

Form L and the PPC Plan received on November 7, 1996, revised February 5, 1998, January 11, 1999, and November 22, 1999

Form P received on November 7, 1996, revised April 17, 1998, February 5, 1998, May 28, 1998, January 11, 1999, December 6, 1999, and January 20, 2000

Form R received on November 7, 1996, revised April 17, 1998, February 5, 1998, May 28, 1998, January 11, 1999, December 6, 1999, and January 20, 2000

Form 5R received on November 7, 1996, resubmitted on January 11, 1999

Form 18R received on November 7, 1996

Form 23R received on November 7, 1996, resubmitted on January 11, 1999

Process Equipment Specifications received on November 7, 1996, resubmitted on January 11, 1999

Insurance Documentation received on June 22, 1998

Bonding Documentation received on November 7, 1996, revised April 17, 1998, February 5, 1998, and June 3, 1998

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.

301220

Date Issued

April 24, 2000

Date Expires

April 24, 2010

Drawing Numbers	Received Date	Revised Date
29390-D-006	November 7, 1996	January 20, 2000
29390-D-007	November 7, 1996	November 7, 1996
29390-D-010	November 7, 1996	June 22, 1998
29390-D-012	November 7, 1996	January 22, 1999
29390-D-013	November 7, 1996	January 22, 1999
29390-D-014	November 7, 1996	April 29, 1998
29390-D-015	November 7, 1996	June 22, 1998
29390-012-D	November 7, 1996	January 16, 1998

This approved application includes responses to the Department's review letters dated January 16, 1997, August 15, 1997, and November 9, 1998, received on April 17, 1997, February 5, 1998, and January 11, 1999, respectively, with additional information submitted on May 28, 1998, June 3, 1998, June 22, 1998, May 19, 1999, November 22, 1999, December 6, 1999, and January 20, 2000.

The contents of all the above listed documents are, hereby, incorporated in the permit as conditions with which the permittee must comply, except as they may be modified by the conditions of this permit.

- 2. Nothing in this permit shall be construed to supersede, amend, or authorize violation of, the provisions of any valid and applicable local law, ordinance, or regulation, provided that said local law, ordinance, or regulation is not pre-empted by the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, Act 97, 35 P.S. 6018.101, et seq.
- As a condition of this permit, and of the permittee's authority to conduct the activities authorized by this permit, the permittee, hereby, authorizes and consents to allow authorized employees or agents of the Department, without advanced notice or a search warrant, upon presentation of appropriate credentials, and without delay, to have access to and to inspect all áreas on which solid waste management activities are being or will be conducted. The authorization and consent shall include consent to collect samples of waste, water or gases, to take photographs, to perform measurements, surveys and other tests, to inspect any monitoring equipment, to inspect the methods of operation, and to inspect and/or copy documents, books or papers required by the Department to be maintained. This permit condition is referenced in accordance with Sections 608 and 610(7) of the Solid Waste Management Act, 35 P.S. Sections 6018.608 and 6018.610(7). This condition in no way limits any other powers granted under the Solid Waste Management Act.

1,

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WASTE MANAGEMENT

Permit For

Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No. 301220

Date Issued April 24, 2000

Date Expires April 24, 2010

4. This facility may not accept infectious waste, municipal sewage sludges, municipal waste incinerator ash, or categories of residual waste not approved in the permit application, unless the permit amendment application has been submitted and approved by the Department. This facility may not accept hazardous waste or municipal waste, except for those certain special handling wastes categories of municipal waste approved pursuant to this condition.

- The permitted days and hours for acceptance of waste are to be Monday through Friday from 7:00 a.m. to 7:00 p.m. and Saturday 7:00 a.m. to 12:00 Noon. The facility's permitted days and hours of on-site operations are 24 hours per day, seven days per week, except as may be otherwise limited by Air Plan Approvals or permits issued by the City of Philadelphia's Air Management Services. Waste acceptance and/or operations may be extended due to extreme weather conditions in accordance with the following procedure. Prior to extending operations, justification for such an extension must be mailed or faxed to the Waste Management Program Manager or his designee. Written concurrence that the extension is justifiable needs to be received by the permittee from the manager, or his designee, before extended operations may be implemented. All other requests to extend operating hours must be requested in advance of need and be approved, in writing, in advance by the Department.
- 6. Upon written Department approval of the Phase I construction certification required pursuant to Condition 22, the facility may accept, for transfer operations and thermal processing, soils and other non-combustible solid materials that are contaminated with petroleum products (virgin and used) and non-petroleum hydrocarbons. For the purposes of this permit, materials are defined as the waste in which the contamination is present. The material itself may be a waste on its own, as a result of its subsequent contamination, or both. References to contaminated or processed material shall include both soil and other non-combustible solid material defined as follows, unless otherwise differentiated. Soil shall be limited to naturally occurring mineral grain and humus material directly removed from the earth's surface. Other non-combustible solid material shall be limited to sorbent media, filtration media, and casting sands, as described in Section 9.2 of Form P and Appendix A, Section A-3.2, of Form R. These other non-combustible solid materials, as defined above, are wastes and shall not be considered as, or characterized as, soil regardless of whether they contain soil or soil-like components.

Petroleum and non-petroleum contaminants (e.g., petroleum fuels; mineral oils; natural and synthetic waxes; oils, fats and fat products; petroleum-based solvents; coal and coal products) shall be limited to those described in Table 1 (wastes for treatment) and Sections 9.3 through 9.3.6 of Form P and Appendix A, Section A-3.3 through A-3.3.6 of Form R.

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Transfer operations, limited to soil and non-soil contaminated material as defined above, shall not commence until the Department has approved the Phase I construction certification discussed above. No other wastes, including soil amendments, wastes for beneficial use, or oil/water wastes, may be accepted for transfer operations. Direct shipments of waste from the site of origin to another permitted facility are subject to regulation under 25 Pa. Code Chapter 299, and are in no way authorized under this permit.

Contaminated soil, as described above, may be used as fill after thermal processing, provided the processed soil complies with Condition 20. Contaminated material other than soil, as described above, shall be segregated, at all times, from contaminated or processed soil and shall only be blended with soil for processing in accordance with approved blending procedures. Processed contaminated material other than soil, whether segregated from or blended with soil, shall not be used as fill unless such use is otherwise approved as a beneficial use by a general permit.

- 7. Incoming petroleum and non-petroleum hydrocarbon contaminated materials are to be segregated and stored (testing and pre-processing storage) in an area totaling 10,156 cubic yards, as indicated on Drawing Nos. 29390 012-D and 29390-D-012. Storage areas shall be marked or delineated to allow for visual identification of their permitted boundaries (length, width and height).
- Soil amendment/sludge waste materials for use in the soil reuse program shall be segregated and stored 8. inside the building in an area totaling 1,666 cubic yards, as indicated on Drawing Nos. 29390-012-D and 29390-D-012. Allowable wastes and processing are described in the Treated Soil Reuse Program and in Forms P and R, except that said wastes shall only be mixed, blended or otherwise added to processed soil (post thermal treatment) and shall not be mixed, blended or otherwise added to soil prior to thermal processing. No storage or processing of these wastes may occur unless: (1) storage and processing is also conducted pursuant to, and consistent with, a general permit for beneficial use/processing issued by the Department; and (2) the Phase I and II construction certification required pursuant to Condition 22 has been approved in writing by the Department. Upon receipt of a general permit, the permittee shall file a report with the Southeast Regional Office notifying the Department of its intentions regarding implementation of the general permit and comparing operations authorized by the general permit against those authorized by this permit. If the Department determines that an amendment to this or any other permit is required to implement the terms and conditions of the general permit, the permittee shall file the necessary application(s) and obtain the necessary amendment(s) prior to implementing, at this facility, the activities authorized by the general permit. Storage areas shall be marked or delineated to allow for visual 11 identification of their permitted boundaries (length, width and height). Until used for storage of soil amendment/sludge wastes pursuant to a general permit, this area may be used to store hydrocarbon contaminated media approved under Condition 6.

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9. Processed materials are to be segregated and stored in an area totaling 10,000 cubic yards, as indicated on Drawing No. 293490-006. Adjacent to this area, reformulated top soils are to be stored in an area totaling 2,301 cubic yards; however, no storage of reformulated top soils may occur unless their processing and storage is also conducted pursuant to, and consistent with, a general permit for beneficial use/processing issued by the Department. Storage areas shall be marked or delineated to allow for visual identification of their permitted boundaries (length, width and height). Until used for storage of reformulated top soils pursuant to a general permit, this reformulated top soil storage area may be used to store processed media.

Until Phase I construction certification required pursuant to Condition 22 has been submitted to, and approved by, the Department, the permittee shall confine processed material storage to the area indicated on Drawing No. 29390-D-007 (Existing Facility Layout) and shall be further limited to a storage capacity of no more than 4,725 cubic yards of processed soil in this area (Condition 10 of permit issued on July 2, 1992).

- 0. The operator shall inspect each load in accordance with its approved plan under Section 287.134 of the Residual Waste Regulations, to ensure compliance with that Section and Sections 293.201 and 297.201.
- 11. The operator shall maintain all analyses (pre-approval, pre-acceptance, post-treatment) of residual waste that is accepted under Section 287.134 of the Residual Waste Regulations on-site for a minimum of five years after the analyses are performed. These records must be made available to representatives of the Department upon request.
- Daily operational records must be kept in a format outlined in Sections 293.251 and 297.261 of the Residual Waste Rules and Regulations. This must include the amount of contaminated material accepted for processing and transfer each day, processed each day, and added to the processed material storage pile each day; the amount of processed material transported off site each day; the type and amount of waste transferred each day; satisfactory written and analytical documentation demonstrating compliance with the post-process treatment requirements in Condition 20; and the number of waste transport vehicles entering and exiting the facility each day.
- 13. An annual operations report is to be submitted on or before June 30th of each year to the Department's Southeast Regional Office in accordance with the format outlined in Sections 293.252 and 297.262 of the Residual Waste Rules and Regulations. This must be accompanied by the annual permit administration fee.

Permit For

Solid Waste Disposal and/or Processing Facility FORM NO. 8

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14. The maximum allowable concentration of hydrocarbons for incoming contaminated material may not exceed 30,000 mg/kg for volatile contaminants, and 400,000 mg/kg for semi-volatile contaminants. The API GC-FID Method for diesel range organics, expanded to C-44 must be utilized for total petroleum hydrocarbon testing (generator analysis). If the generator cannot obtain test results using the expanded method, the EPA 418.8 Method or the API-GC-FID Method for Diesel Range Organics must be utilized. For concentrations greater than 10,000 mg/kg, a Form U document must be submitted and be approved by the Department, in writing, prior to the acceptance of contaminated material having these concentrations from individual generators.

- 15. Acceptance limits for TOX concentrations for incoming contaminated material are to be 1,000 mg/kg. EPA Test Method No. 3540A/9020, within EPA Document No. SW-846, or an alternate method approved by the Department in writing, is to be utilized for testing incoming contaminated material for TOX concentrations.
- 16. EPA Test Method 3050/6010 or 7000, within EPA Document No. SW-846, or an alternate method approved by the Department in writing, is to be utilized to test incoming material for total metals concentrations.
- 17. EPÀ Method No. 5030A/8081, within an EPA Document No. SW-846, or an alternate method approved by the Department in writing, is to be utilized for testing incoming contaminated material for PCB concentrations.
- 18. No more than 122 waste hauling vehicles (processed and unprocessed, liquid and solid waste for processing or transfer operations) may enter and exit the facility each day. All waste hauling vehicles coming to this facility are to approach the facility from Passyunk Avenue going north on 61st Street. All waste hauling vehicles leaving the facility are to proceed south on 61st Street to Passyunk Avenue. A record of the number of waste hauling vehicles, including the type and estimated amount of waste being hauled, shall be kept as part of the daily operational record. Waste hauling vehicles entering the permitted area, whether for processing or transfer operations, shall be deemed to be received by the permittee for purposes of compliance with this permit. Any use of the terms "receipt," or receive or received in Forms P and R is limited to determining proper waste acceptance and management procedures and shall not be construed to limit the permittee's liability or responsibility regarding acceptance of waste at this facility.
- 19. Wastes and contaminated material, received at the facility, shall be analyzed for acceptance pursuant to the Waste Analysis Plan detailed in Form R, with the following additions:

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

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 April 24, 2000

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 April 24, 2010

- a. Each separate wastestream, as identified by a unique generator and/or residual waste code identification, prior to acceptance at the facility, shall have a representative sample analyzed for total metals, TCLP metals, TPH, TOX, PCBs, ignitability, corrosivity, radioactivity and reactivity. These analytical results are to be submitted to the Department on a quarterly basis. Re-occurring wastestreams shall be analyzed at a frequency of at least annually as described above, or shall be accompanied by a generator's certification attesting to the validity of the original analysis and stating that no change to the composition of the wastestream has occurred since the original analysis. Contaminated material from remediation of residential properties, Section 1.3.1.6 of Form R (virgin petroleum contaminated soils from residential properties, not to exceed 100 tons of contaminated soil per site), are excluded from this subcondition.
- b. At a minimum frequency of once per month, the permittee shall subject a randomly selected wastestream to a complete analytical scan for total metals, TCLP (organics and inorganics), TPH, TOX, PCBs, ignitability, corrosivity, radioactivity and reactivity for purposes of quality control and verification of pre-approval testing and pre-acceptance screening procedures. The Department may, at its discretion, require that these analyses be conducted by a certified laboratory. These analytical results are to be submitted to the Department on a monthly basis for the first six months. Permittee may, upon completion of the first six months of testing, petition the Department to conduct the quality control and verification testing at a lesser frequency, subject to approved by the Department in writing.
- 20. Post-process testing shall be conducted on each production run as described in Section 1.5 of Form R. For the purposes of this permit, a production run is defined as the processing of a stable mix of waste under a fixed set of operating conditions. Post-process samples shall be collected after rehydration. Generator analysis may not be used to document total metal levels in the processed material for each production run. A minimum of one sample per hour, for each production run, shall be collected and the samples shall be analyzed in accordance with Section 1.5 of Form R. Hourly samples shall be composited and analyzed for each production run, if the run is less than one operating day (24-hour calendar day), or at the end of each operating day should the production run extend beyond a single operating day, whichever period is shorter. RCRA Metals in Table 9, Form R, shall equate to Post Process Total Metals in Table ATT2-1, Form R. Soil, non-combustible solid materials (materials), and soil/material blends shall be treated to levels necessary to allow these processed wastes to be used lawfully and consistent with applicable standards for the intended uses. The permittee shall, as part of its daily operational records, maintain adequate documentation to demonstrate compliance with this treatment requirement.

DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WASTE MANAGEMENT

Permit For

Solid Waste Disposal and/or Processing Facility FORM NO. 8

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301220

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- A maximum of 250 drums of contaminated material (as defined in Condition 6) and a maximum of 250 drums of waste oil/water mixtures (Appendix A, Section A-3.3 of Form R) may be stored inside the storage building, as indicated on Drawing No. 29390-D-012.
- 22. Form 19R, Certification of Facility Construction Activity, must be submitted to the Solid Waste Manager in the Southeast Regional Office after this facility has been modified according to the approved plans. Said certification may be submitted in phases to cover phased construction of the proposed modifications as described in Attachment 1 of this permit. Operations related to facility modifications approved in this permit shall not be authorized until the required construction certification(s) for that phase has been submitted to, and approved by, the Department. Any modifications to the fire protection system required by the City Fire Marshall, shall be noted on the Phase I certification submission and shown on the as-built drawings submitted as part of the certification submission.
- 23. All references to steam cleaning operations have been withdrawn from the permit application.
- The side streams of waste (plastic, wood demolition debris and stumps, metal demolition debris, large aggregates, and drums) unsuitable for thermal processing, after separation from the incoming contaminated media, shall be stored, either segregated or commingled, in the pre-processing storage area or in roll-offs, located as indicated on Drawing No. 29390-D-012, and disposed off site in a permitted landfill, or otherwise properly managed under the Solid Waste Management Act. Drums shall be managed in the drum storage/processing area inside the main building. All side stream wastes, other than drums, are to be incidental (less than 2 percent by volume per delivered load) to the waste streams received under the residual waste operations approved as part of this permit. The facility is not approved for receipt and processing of separate loads of construction/demolition waste (municipal waste).

DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WASTE MANAGEMENT

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25. The facility is permitted to treat up to a maximum of 100 gallons per minute of waste oil/water mixtures (Appendix A, Section A-3.3 of Form R) under a separate oil/water treatment process. These mixtures shall consist of non-hazardous waste oils that are phase separated or emulsified in water. Oil/water separation technology shall be used to recover the waste oil for use as "on-specification waste oil fuel" (25 Pa. Code Section 266a.40(e)) in operating the thermal treatment unit, wastewater for rehydrating the soil to the desired moisture content, and separator waste solids amenable to treatment in the thermal unit. Waste acceptance testing shall be conducted on the oil fraction of the oil/water waste. Post-processing testing shall be conducted on each batch treatment storage tank (processed oil and processed wastewater) prior to use. Processed oil shall be tested for parameters in Table 7, Form R. Processed wastewater shall be tested for TPH, at a minimum. Permittee shall maintain adequate records to document the use of on-specification waste oil at this facility. PCB's levels in waste oils used as fuel for the thermal unit must be less than 2 ppm unless the permittee demonstrates compliance with the standards for burning used oil containing PCBs imposed by 40 C.F.R. 761.20(e) (relating to prohibitions for PCBs).

The oil/water separation process shall be located in the main building with storage tanks located in a separate containment area outside the main building. The storage tanks shall consist of a 30,000-gallon waste oil/water mixture storage tank, two 10,000-gallon processed waste oil storage tanks and two 8,000 gallon processed water storage tanks. This operation is depicted on Drawing No. 29390-D-012. Stormwater collected in the storage tank containment system shall be pumped to the oil/water separation process prior to discharge or reuse. Stormwater volumes shall be properly managed such that adequate secondary containment volume is maintained at all times in the tank containment system.

27. Processed material shall be rehydrated at all times. Under normal operating conditions, the processed wastewater from the oil/water separation process may be used to rehydrate the processed material to a desired moisture content. However, in the event excess processed water is generated and needs to be discharged to the sanitary sewer, it shall be discharged to the sanitary sewer, pursuant to approval obtained from the Philadelphia Water Department. Sampling performed to demonstrate compliance with Condition 20 shall be conducted after the rehydration of the processed material with the processed wastewater. Public water shall be utilized to rehydrate processed material in the event that processed wastewater is inadequate, unsuitable, or otherwise unavailable for purposes of rehydration.

28. Until the Phase III construction certification has been submitted to, and approved by, the Department, the permittee may not accept, store, or process waste oil/water mixtures pursuant to Condition 21, 25, and 26.

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.	301220
Date Issued	April 24, 2000
Date Expires	April 24, 2010

- 29. A mechanized street sweeper shall be utilized to clean the internal roadways, to minimize fugitive dust from vehicular traffic, at a minimum of twice per operating day.
- 30. Both processed and unprocessed waste shall be delivered, or removed, from the facility in enclosed or tarped vehicles to minimize particulate and VOC emissions, during transport to or from the facility.
- 31. Until the Phase I construction certification has been submitted to, and approved in writing by, the Department, the facility shall:
 - a. operate in accordance with the existing facility layout as shown on Drawing No. 29390-D-007;
 - b. be limited to acceptance, for thermal processing, of virgin fuel contaminated soils.

While operating under the limitations of this condition, or as otherwise limited by other conditions contained in this permit, the facility shall comply with all other terms and conditions of this permit.

The collateral bond, dated June 2, 1998, between Clean Earth of Philadelphia, Inc. and the Department in the amount of \$596,337.90 is, hereby, approved as part of this permit. Prior to the completion of the building construction improvements approved as part of this permit, permittee shall have in place an additional bond in the amount of \$274,858.00, bringing the total bond amount to \$871,195.90. Upon receipt of written notice from the Department, this bond will have to be updated within 90 days in accordance with Chapter 287 of the Residual Waste Regulations.

Re 30 (GJC99WM)87-8

301220

Date Issued

April 24, 2000

ATTACHMENT 1

FACILITY PHASED CONSTRUCTION SCHEDULE

The permittee shall notify the Department thirty (30) days prior to starting each phase of construction listed below.

Phase I:

Building expansion and associated internal improvements, including solid drum management area;

Processed media and reformulated top soil storage areas (outside);

Overnight staging (transfer) storage area;

Paving and other exterior improvements necessary to accommodate the related building, storage area, and waste acceptance expansions.

Phase II:

Pugmill Mixer and associated conveyors, feed bins, and other approved soil amendment preparation equipment.

Phase III:

Waste oil/water mixture treatment process equipment and associated appurtenances;

Storage tanks (waste oil/water mixtures, processed waste oil, processed wastewater);

Liquid drum management area.



Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010 555 North Lane Conshohocken, PA 19428 August 17, 2000

Southeast Regional Office

610-832-6212 Fax 610-832-6143

CERTIFIED MAIL NO. P 092 246 964

Mr. Shawn O'Donnell General Manager Soil Remediation of Philadelphia, Inc. 3201 South 61st Street Philadelphia, PA 19153

Re: Soil Remediation of Philadelphia, Inc.

City of Philadelphia ID No. 301220

Dear Mr. O'Donnell:

We have received a letter approval request dated June 7, 2000, submitted by Mr. Stuart Clement, American Resource Consultants, Inc., on behalf of Soil Remediation of Philadelphia, Inc. (SRP), for a modification to Condition No. 18 of the above referenced permit. We concur that, for the limited purposes of departing SRP vehicles directly accessing the neighboring Delaware Valley Recycling, Inc. (DVR) facility, it makes sense for those departing vehicles to turn right from the SRP driveway onto 61st Street and proceed directly to the DVR entrance.

Solid Waste Permit No. 301220 is hereby amended for the purpose described above in accordance with Article V of the Solid Waste Management Act, 35 P.S. Section 6018.101, et seq. The June 7, 2000 request and this approval letter shall be placed into the permit record. Any deviations from the scope of your request, or any nuisances found to be caused by the change so approved, shall be considered grounds for revocation of this approval. Except for those SRP vehicles departing SRP and directly accessing DVR, all other traffic shall comply with Condition 18 as issued on April 24, 2000.

Compliance with the terms and conditions set forth in this amendment letter is mandatory. You have the right to file an appeal to the terms or conditions of this amendment.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S., Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute

provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

If you have any questions about this letter approval or requirements of the Solid Waste Management Act, please contact Mr. James Wentzel at 610-832-6145.

Ronald C. Furlan, P.E. Regional Manager Waste Management Program

City of Philadelphia - CERTIFIED MAIL NO. P 092 246 963

Mr. Clement, ARC Re 30 (GJC00WM)224-1



Pennsylvania Department of Environmental Protection

Lee Park, Suite 6010 555 North Lane Conshohocken, PA 19428

March 19, 2003

Southeast Regional Office

Phone: 610-832-6212

Fax: 610-832-6143

Mr. Michael Logan Compliance Plus Services 2337 North Penn Road Suite 200 Hatfield, PA 19440

> Re: Proposed Safe Fill Numeric Standards Clean Fill Policy Applications Document No. 258-2182-773

Dear Mr. Logan:

As a follow-up to our February 19, 2003 meeting, you asked for clarification regarding the use of the proposed safe fill numeric standards within the context of the Department of Environmental Protection's (Department) clean fill policy.

Based upon direction provided by the Bureau of Land Recycling and Waste Management, the numeric standards for safe fill referenced in proposed Section 287.11(a) and found in Appendix A, Tables 1, 2, and 3 (as found in the February 2, 2002 proposed regulation), may be used to demonstrate that material can be managed in accordance with the Department's guidance under Document No. 258-2128-773 (commonly referred to as the clean fill policy).

The referenced policy provides for deviation on a case-by-case basis from the numeric standards referenced in the policy itself. Because of the evaluation that the proposed safe fill numeric standards have gone through, it is felt that these standards qualify for the case-by-case deviation envisioned by the policy. Use of these standards in accordance with the referenced guidance document does not require Department concurrence for each project or application at this time. This does not rule out a person requesting Department review and concurrence, nor does it preclude the Department from investigating such uses and requesting the supporting documentation used to determine applicability pursuant to the clean fill policy.

This direction may be utilized until revoked by the Department or otherwise supplanted by promulgated regulation or revised guidance. Of course, it remains up to the person using the material to bear the burden of proving that the material is clean fill regardless of whether Department concurrence is sought or not.

I believe that this is consistent with our discussions. If you have any questions, please feel free to call.

Sincerel

James Wentzel, P.E.

Chief, Engineering Services Waste Management Program

cc:

Mr. Ligons

Mr. Furlan

Re 30 (GJE03WM)073-1

LTTD & Waste Disposal - Facility B

Clean Earth of Southeast PA, Inc.

7 Steel Road East Morrisville, PA 19067



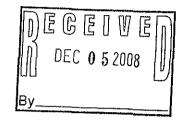
Pennsylvania Department of Environmental Protection

2 East Main Street Norristown, PA 19401

December 2, 2008

Southeast Regional Office

Mr. Bradley Cunningham General Manager Clean Earth of Southeast Pennsylvania, Inc. 7 Steel Road East Morrisville, PA 19067



Phone: 484-250-5960 Fax: 484-250-5961

Re:

Clean Earth of Southeast Pennsylvania, Inc.

Major Permit Modification

Falls Township Bucks County ID No. 301254

APS No. 349495, AUTH No. 696252

Dear Mr. Cunningham:

The Pennsylvania Department of Environmental Protection (Department) has reviewed your major permit modification application requesting approval to process contaminated soils that may exceed the Clean Earth of Southeast Pennsylvania, Inc. (CESP), facility's waste acceptance limits. The CESP facility is located in Falls Township, Bucks County. We have determined that you have satisfied all applicable requirements necessary to perform these activities. Therefore, we have issued the enclosed permit in accordance with Article V of the Solid Waste Management Act, 35 P.S. Sections 6018.101 et seq.

Only Conditions 1, 4f, 4g, 14b, 14c, 16d, and 16f of the permit issued January 19, 2007, have been modified or added as a result of this permit action. These approved changes have been incorporated into the permit originally issued on January 19, 2007, for clarity and to provide a single, consolidated permit document. It is not the intent of this action to reopen the entire permit as it has merely been modified to the extent noted above. Thus, the enclosed permit document reflects both the original permit issued on January 19, 2007, and the modification approved herein. Compliance with the limitations and stipulations that have been set forth in your permit is mandatory.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 PA C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action, unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audio tape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statues and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions about the enclosed permit or requirements of the Solid Waste Management Act, please contact Dr. Mohamad Mazid, Chief, Engineering Services at 484-250-5768.

Thank you for your cooperation.

James Wentzel, P.E.

Regional Manager

Waste Management Program

Enclosure: Permit Modification

cc: Mr. Gray - Falls Township (w/enclosure)

Mr. Schafer - Bucks County Health Department (w/enclosure)

Mr. Logan, CPS

Re 30 (AR08WM)325-4

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.

301254

Date Issued

December 2, 2008

Date Expired January 19, 2017

Under the provisions of the Pennsylvania Solid Waste Management Act of July 7, 1980, Act 97, a permit for a solid waste disposal and/or processing facility at (municipality) Falls Township in the County of Bucks is granted to (applicant) Clean Earth of Southeast Pennsylvania, Inc.

(address) 7 Steel Road East

Morrisville, PA 19067

This permit is applicable to the facility named as Clean Earth of Southeast Pennsylvania, Inc.

and described as: Clean Earth of Southeast Pennsylvania, Inc.

Latitude - 40°, 10', 45"

Longitude - 74°, 45', 55"

This permit is subject to modification, amendment, and supplement by the Department of Environmental Protection (Department) and is further subject to revocation or suspension by the Department for any violation of the applicable laws or the rules and regulations adopted thereunder, for failure to comply in whole or in part with the conditions of this permit and the provisions set forth in the application No. 301254 which is made a part hereof, or for causing any condition inimical to the public health, safety, or welfare.

See Attachment for waste limitations and/or Special Conditions.

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Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

Permit No.

301254

Date Issued

December 2, 2008

Date Expired January 19, 2017

1. The Waste Management Permit issued on January 19, 2007, and described in Condition 1b, below, is modified based upon application No. 301254 (APS No. 349495, AUTH No. 696252) that was received at the Southeast Regional Office of the Department of Environmental Protection (Department) on September 4, 2007. This amended Waste Management Permit is to allow Clean Earth of Southeast Pennsylvania, Inc. (CESP), to accept soils from generators with metal concentrations that exceed the facility's regular metal acceptance limitations but that still are suitable for reuse by one of CESP's end market users pursuant to an existing approval or authorization for the end use.

This approved application consists of the following documents:

Form GIF received on September 4, 2007

Form A received on September 4, 2007

Form HW-C received on September 4, 2007

Form P received on September 4, 2007, and revised on February 25, 2008

Form R received on September 4, 2007, and revised on February 25, 2008

This approved application includes a response to an October 2, 2007, incompleteness letter received on October 17, 2007, and a response to a January 7, 2008, technical review letter received on February 25, 2008.

The above-referenced documents are incorporated by reference into this amended permit. Where the terms or conditions of this permit differ from the incorporated documents, the terms or conditions of this amended permit shall govern.

Except as modified or superseded by the application approved pursuant to Condition 1a, above, b. the following reflects the still applicable portions of the original permit action that was taken on January 19, 2007:

This Waste Management Permit is modified, reissued, and renewed based upon applications No. 301254 (APS No. 349490 and AUTH No. 358980 - modification, APS No. 349940 and AUTH No. 535830 - renewal/reissuance), which were received in the Southeast Regional Office of the Department on June 15, 2001, and February 17, 2004. All aspects of the June 15, 2001, modification were subsequently withdrawn on March 30, 2004, except for the Radiation

Permit For

Solid Waste Disposal and/or Processing Facility FORM NO. 8

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Protection Action Plan (RPAP) component. The February 17, 2004, renewal application was subsequently modified (twice) to incorporate the reissuance of the permit (1) from R3 Technologies, Inc., to Soil Technology, Inc., and then (2) from Soil Technology, Inc., to Clean Earth of Southeast Pennsylvania, Inc. All of these application requests have been combined into the permit action taken herein.

This approved application consists of the following documents (unless otherwise noted, received, and revised refer to the dates documents were received by the Department and not necessarily the dates of the documents themselves):

General Information Form received on February 17, 2004, revised June 7 and September 9, 2004, and June 1, 2006

Form A received on February 17, 2004, revised June 7 and September 9, 2004, June 24 and September 28, 2005, June 1, August 16, and September 25, 2006, and January 16, 2007

Form B received on February 17, 2004, revised September 9, 2004

Form B1 received on February 17, 2004, and revised September 25, 2006

Form HW-C received on February 17, 2004, revised June 7 and September 9, 2004, June 24, 2005, and June 1 and August 16, 2006

Form D received on February 17, 2004, revised on September 9, 2004

Form E received on February 17, 2004, revised on June 7 and September 9, 2004, and June 1, August 16 and 18, 2006

Form G(A) received on February 17, 2004, revised on September 9, 2004,

Form I received on February 17, 2004, revised on September 9, 2004

Form L and the PPC Plan received on February 17, 2004, revised on September 9, 2004, and June 1, 2006

Form P received on February 17, 2004, revised on September 9, 2004, June 24 and September 28, 2005, June 1, September 25, and November 2, 2006, and January 16, 2007

Form R received on February 17, 2004, revised on September 9, June 24, September 28, and December 5, 2005 (page 7A only), June 1, September 25, and November 2, 2006, and January 16, 2007

Form X received on May 1, 2002, revised on March 30, 2004, September 9, 2004, June 24, and September 28, 2005, and August 16, 2006

Form 5R received on February 17, 2004, revised on September 9, 2004, and September 25, 2006 Form 18R received on February 17, 2004, revised on September 9, 2004

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Bonding Estimates received on February 17, 2004, revised on September 9, 2004, June 24, September 28, and December 5, 2005, and June 1 and September 25, 2006 Drawing No. 1 received on February 17, 2004, Drawing No. 1A received on September 9, 2004, revised September 28, 2005 Drawing D-001, Site Plan, received on September 25, 2006, and revised November 2, 2006,

This approved application includes responses to the Department's review letters of February 26, July 21, and November 15, 2004, July 26, August 31 (via e-mail), and November 17, 2005, (via e-mail), and July 5, September 1, and October 23, 2006 (via e-mail), received on March 5 and September 9, 2004, June 24, September 28, and December 5, 2005, and August 16 and 18, September 25, and November 2, 2006, respectively, for the renewal/reissuance application. Also included are responses relating to Form X comments received on May 1, 2002, and March 30, 2004, which were subsequently revised by the September 9, 2004, June 24 and September 28, 2005, and August 16, 2006, responses listed above.

The contents of all the above listed documents are, hereby, incorporated in the permit as conditions with which the permittee must comply. Where the terms or conditions of this permit differ from the above-referenced documents, the terms, or conditions of this permit shall apply. This permit replaces, in their entirety, the terms and conditions of the permit originally issued on March 15, 1994, and that permit's subsequent revisions.

(NOTE: For some of the forms listed above, the last revision includes a complete, comprehensive revision to the form or drawing that fully replaces previous versions or revisions. For other forms, the subsequent revisions may involve partial or component revisions that modify the previous version(s) without necessarily replacing those parts of the previous version(s) not specifically modified by the revision. For Forms P and R, the February 25, 2008, revisions are the most recent comprehensive revisions to each form that supersede all previous versions. The "Non Hazardous Profile Sheet" that was approved by letter dated December 26, 2007, is superseded by the version included in Attachment A of the Form R approved herein.)

Permit For Solid Waste Disposal and/or Processing Facility FORM NO. 8

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Date Issued	December 2, 2008
Date Expired	January 19, 2017

- 2. Nothing in this permit shall be construed to supersede, amend, or authorize violation of, the provisions of any valid and applicable local law, ordinance, or regulation, provided that said local law, ordinance, or regulation is not pre-empted by the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, Act 97, 35, P.S. 6018.101, et seq.
- 3. As a condition of this permit, and of the permittee's authority to conduct the activities authorized by this permit, the permittee, hereby, authorizes and consents to allow authorized employees or agents of the Department, without advanced notice or a search warrant, upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas on which solid waste management activities are being or will be conducted. The authorization and consent shall include consent to collect samples of waste, water or gases, to take photographs, to perform measurements, surveys, and other tests, to inspect any monitoring equipment, to inspect the methods of operation, and to inspect and/or copy documents, books, or papers required by the Department to be maintained. This permit condition is referenced in accordance with Sections 608 and 610(7) of the Solid Waste Management Act, 35 P.S.

 Sections 6018.608 and 6018.610(7). This condition in no way limits any other powers granted under the Solid Waste Management Act.
- 4. a. This facility may not accept residual waste unless the Department has specifically approved the processing and management of the waste as a part of this permit.
 - b. Hazardous waste may not be stored, processed, or disposed at the facility.
 - c. Municipal waste, including construction/demolition waste and sewage sludge, may not be stored, processed, or disposed at the facility.
 - d. Other special handling wastes may not be stored, processed, or disposed at the facility unless the Department has specifically approved the processing and management of the waste as a part of the permit.
 - e. Sewage sludge that has been processed pursuant to a General Permit issued by the Department's Bureau of Water Supply and Wastewater Management pursuant to 25 Pa. Code Chapter 271, Subchapter J, and that meets a Class A or Class B pathogen requirement (i.e., biosolids) may be accepted and further processed at this facility provided that said acceptance and processing is also conducted pursuant to a Bureau of Waste Management General Permit issued pursuant to

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25 Pa. Code Chapter 271, Subchapter I, or Chapter 287, Subchapter H, subject to any additional limitations or restrictions as may be contained in this permit. The permittee shall submit to the Southeast Regional Office, Waste Management Program, an analysis of the terms and conditions of any such General Permit that may be issued along with an evaluation of the impact of the General Permit on the terms and conditions of this individual permit. The Department will review this analysis to determine if this permit requires revision or modification to adequately incorporate the processing and beneficial use requirements of the General Permit. The Permittee shall not conduct processing or beneficial use operations under the General Permit until or unless written approval is obtained from the Department's review pursuant to this subcondition.

- f. No waste with free petroleum product or other liquids, as determined by USEPA SW-846, Method 9095, shall be accepted at the facility.
- g. Pursuant to Form P, Attachment A, Non Hazardous Profile Sheet, Section C, the facility shall check the incoming waste for any chemical compound that is used to suppress the odor of the waste or to make it drier, and shall also check for any chemical compound that is not included in the manifest for the incoming waste.
- 5. The permitted days and hours for acceptance of waste are Monday through Saturday from 6 a.m. to 6 p.m. The facility's permitted days and hours of on-site operations are 24 hours per day, seven days per week. Waste acceptance and/or operations may be extended due to extreme weather conditions in accordance with the following procedure. Prior to extending operations, justification for such an extension must be mailed or faxed to the Waste Management Program Manager or his designee. Written concurrence that the extension is justifiable needs to be received by the permittee from the manager, or his designee, before extended operations may be implemented. All other requests to extend operating hours must be requested in advance of need and be approved, in writing, in advance by the Department.
- 6. The maximum amount of solid waste (including any sewage sludge/biosolids accepted pursuant to Condition 4, above) that may be accepted for processing shall not exceed 2,400 tons per day (tpd). Clean fill, as that material is defined by the Department's Management of Fill policy (Document No. 258-2182-773), shall only be managed at the facility pursuant to Section 2.5 of Form P and the amounts of clean fill received at the facility each day shall be counted against the facility's 2,400 tpd daily volume limitation until or unless a revised traffic impact study is submitted to and approved by the Department to address additional traffic associated with clean fill operations. Other than being counted

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towards the facility's daily volume limitation as described above and being included in the facility's recordkeeping requirements described in Conditions 8 and 9 of this permit, clean fill is not otherwise subject to regulation pursuant to this permit unless its management at the facility creates or contributes to on- or off-site nuisances.

- 7. The operator shall inspect each load in accordance with its approved plan under 25 Pa. Code Section 287.134 of the Residual Waste Regulations, to ensure compliance with that section and Section 297.201.
- 8. All analyses (including, but not limited to, pre-approval, pre-acceptance, and post-treatment) of solid waste that is accepted at the facility and all documentation regarding environmental due diligence determinations for clean fill managed at the facility shall be maintained by the operator on-site for a minimum of five years after the analyses/determinations are performed, unless the permittee's application specifies a longer retention time frame. These records must be made available to representatives of the Department upon request.
- 9. Daily operational records must be kept in a format outlined in Section 297.261 of the Residual Waste Rules and Regulations. This must include the type and amount of material (solid waste, clean fill) accepted each day, the source or generator of the material, the amount of material processed each day, the type and amount of material added to the processed material storage pile each day, the type and amount of material (solid waste and clean fill) transported off site each day, and the use and destination of the material that is transported off-site each day.
- 10. An annual operations report is to be submitted on or before June 30 of each year to the Department's Southeast Regional Office in accordance with the format outlined in Section 297.262 of the Residual Waste Rules and Regulations. This must be accompanied by the annual permit administration fee.
- 11. The facility is permitted to accept and to process by physical means (screening, mixing, or blending) and/or by thermal remediation the following contaminated materials: naturally-occurring soils and aggregates composed of clay, silt, sand, natural organic matter, gravel, rock, and stone that are removed from the ground after becoming contaminated to non-hazardous levels by hydrocarbon contaminants. For the purposes of this permit, hydrocarbon contaminants shall consist of virgin and nonvirgin petroleum hydrocarbons (gasoline; jet fuel; kerosene; diesel fuel; No. 2-6 fuel oil; asphalt, petroleum and coal tars; greases, crude oil, heating oil, and lubricating oil) and oxygenated hydrocarbons (alcohols,

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ethers, organic acids, and ethylene glycol). The descriptions and listings contained herein are intended to be limiting. When used in this permit, the terms "contaminated material," "contaminated materials," "hydrocarbon contaminant," and "hydrocarbon contaminants" shall be restricted to the descriptions and listings contained above. For contaminated materials or hydrocarbon contaminants that are not specifically described above, the permittee must submit a Form U disposal request for Department review and approval prior to acceptance and processing, and might be required to submit a permit modification if the request is deemed to be for a type of waste not approved in this permit.

Incoming contaminated material that is being sampled as part of the on-site waste acceptance 12. and screening process shall be staged in the truck at the designated staging area (identified as the staging area for detected RAM loads) while awaiting review and acceptance of analytical results prior to being placed inside the contaminated material storage building (building). Incoming contaminated material that is not being sampled shall be visually inspected for compliance with the requirements of Form R, Section 3.2 prior to being placed inside the building. Incoming contaminated material from a particular job or from a particular job that is received during the operating day (in cases material receipt for a job extends beyond a single day) shall be segregated from other materials when initially placed inside the building until all on-site waste acceptance screening samples collected for that job, or for the batch of material received from that job during the operating day, have been analyzed and found acceptable. Should any screening sample collected for that job, or for the batch of material received from that job during the operating day, fail to meet acceptance criteria for any parameter analyzed, the segregated material shall be rejected (returned to the generator or sent to an acceptable processing or disposal facility) or else the entire quantity of segregated material shall be resampled by collecting and analyzing samples that are representative of the entire quantity of segregated material in the number specified by Condition 15 for that quantity of material. If the resampling demonstrates compliance with the facility's waste acceptance criteria, then the material may remain at the facility for processing. If the resampling indicates that all or a portion of the material does not meet waste acceptance criteria, then all or that portion of the material that is unacceptable shall be rejected. No blending of the material with other material inside the building shall occur until this procedure has been satisfied.

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- b. Incoming contaminated material shall be staged or stored in Areas 1 to 6, as indicated on Drawing No. 1A, except that nonrecyclable oversized material may also be stored in Area 7 pursuant to Condition 19. Each storage area measures 28' wide by 130' deep as measured from the back wall of the building. All contaminated material must be stored inside the building and said storage shall be limited to the footprint defined by these six areas (168' wide by 130' deep), thereby maintaining a 20' clear zone between the edge of the permitted storage area and the front wall (overhead door side) of the building for unimpeded vehicle and equipment movement inside the building. Pile height must not be higher than the roof frame and shall be sufficiently below the roof frame to allow equipment to maneuver on and within the pile(s) without the possibility of the equipment damaging the roof or its supporting structure.
- c. Areas 1 and 2 shall be used for the staging or storage of only regulated fill material or material intended for direct reuse without thermal remediation. In addition to any temporary segregation required pursuant to Condition 12a above, relating to segregation of material as part of the on-site waste acceptance screening procedures, regulated fill material and direct reuse material staged or stored in Areas 1 and/or 2 at the same time are to be segregated from each other by physical barriers. No mixing or blending of regulated fill material with direct reuse material is allowed at anytime. Incoming contaminated material requiring thermal remediation shall be staged or stored only in Areas 3 to 6. However, any or all of Areas 3 to 6 may be used to stage or store regulated fill material and/or direct reuse material provided that:
 - i. All material intended for thermal remediation is first removed from the area(s) and the area(s) are cleaned to the greatest extent practical.
 - ii. Regulated fill material and direct reuse material stored in the area(s) shall be physically segregated from each other as specified in Condition 12.c, above.
 - iii. The area(s) being used for staging or storage of regulated fill material and/or direct reuse material shall be clearly marked, including visual markings, to prevent the placement of contaminated material intended for thermal remediation in the area(s).

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- d. Except as may be allowed pursuant to Condition 19, relating to nonrecyclable, oversized material storage, Area 7, as indicated on Drawing No. 1A, shall be used only for blending and/or physical processing preparation of contaminated material removed from storage from Areas 1 to 6. This use may entail staging of material removed from Areas 1 to 6 prior to, and/or after, blending or physical processing in preparation for being thermally remediated or moved to outside storage in the case of regulated fill or direct reuse materials not requiring thermal remediation. Incoming material shall not be directed to Area 7 for staging or storage. Further, Area 7 shall be used to stage and process either soil intended for thermal remediation or regulated fill/direct reuse materials, but not both at the same time. Regulated fill material and direct reuse material shall be segregated from each other at all times, including contact in processing equipment, when in Area 7. No regulated fill and/or direct reuse material may be in Area 7 at anytime when material intended for thermal remediation is present, and visa versa. Area 7, including processing equipment, shall be appropriately decontaminated when switching between the management of regulated fill, direct reuse materials, or materials intended for thermal remediation so that cross-contamination between material types does not occur.
- e. At no time may the amount of contaminated material inside the building (Areas 1 through 7 inclusive) exceed 17,500 tons. The permittee shall maintain adequate records of incoming and outgoing materials and material processed to determine the amount of contaminated material contained inside the building at any given time. Said determination must be provided to the Department upon request and shall be recorded in the facility's operational records on at least a daily basis. In addition, the permittee shall accurately measure the volume of all the contaminated material inside the building at least once per calendar quarter and compare the measured volume determination to the volume determination based on facility recordkeeping. Results of this determination shall be recorded as part of the facility's daily operation record. If the permittee, through its recordkeeping and quarterly measurement comparisons, is unable to document the amount of contaminated material inside the building to the Department's satisfaction, the permittee shall conduct pile volume measurements or surveys to determine the amount of contaminated material present upon written request from the Department.

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- 13. Processed sewage sludge (i.e., biosolids) accepted pursuant to Condition 4, above, shall be stored in a 35' by 70' area within Area 7 as indicated on Drawing No. 1A. No more than 1,000 tons of this material may be store on-site at anytime, not counting material that may be contained in processed soil blends stored in the outside processed soil stockpile area. When not used for biosolids storage, the 35' by 70' area may be used for activities approved for Area 7 in Condition 12, above. The permittee shall keep a Biosolids Evaluation and Certification Form, including all supporting documentation, for each generator on file at the facility for a minimum of 5 years.
- 14. Waste characterization shall be conducted in accordance with Section 2 of Form R, relating to types of contaminated wastes, site characterization, waste approval, characterization, and approval for biosolids, and shipment of approved waste material. Each sample required for site characterization (Form R, Section 2.2, and Soil Profile Sheet, Tables B and C) shall be a discrete grab sample when analyzing for total petroleum hydrocarbons (TPH) and total organic halides (TOX) and a composite of at least three discrete and representative grab samples when analyzing for Total Metals, Polychlorinated Biphenyl (PCBs), ignitability, reactivity, and corrosivity, and each sample (grab or composite consisting of three grabs) shall be collected at the frequency specified in Table 1 of Form R, Section 2.3. The acceptance limits contained in Table 1, Form R, Section 2.3, are absolute maximum concentrations. TCLP is required when metals are twenty times the Remedial Action Completion Report (RACR) limits. When a project is not the result of a virgin petroleum fuel spill or tank pull, TCLP for RCRA organics is required.
 - b. An exception to the maximum total metals waste acceptance limits contained in Table 1 of Section 2.3 of the Form R may be made provided that (1) end use approval has been secured for the soil at the higher metal concentrations, (2) all other procedures pertaining to preacceptance, screening and processing of waste are met, and (3) Section 2.3.2 of the Form R, entitled "Special Acceptance Procedures for Certain Beneficial Reuse" is followed. In addition, a Form U must be submitted in accordance with Condition 16 of this permit for each total metals waste acceptance limitation waiver request along with a cover sheet (Special Acceptance Form) identifying it as soil with metal level exceedances and accompanied by the end use approval or authorization documentation. Waste subject to a Form U waste processing request submitted pursuant to this subcondition (14b) may not be accepted for processing until specifically approved by the Department in writing (i.e., the automatic fifteen calendar day approval period provided by Condition 16f of this permit is not applicable).

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- No blending of soils with elevated metal concentrations accepted pursuant to Condition 14.b c. may be performed to meet any end use criteria metal levels, and the soil shall be kept segregated from other soils unless earmarked for same end use project.
- 15. On-site waste acceptance shall be conducted in accordance with Section 3 of Form R, relating to screening of incoming loads, rejection of loads, and oversize material. All incoming contaminated material shall be screened on-site for TPH, TOX, and PCBs. One grab sample per 60 tons of contaminated material containing the following (virgin or nonvirgin) hydrocarbon contaminants shall be taken and analyzed for TPH, TOX and PCBs: gasoline; jet fuel; kerosene; diesel fuel; No. 2-4 fuel oil; heating oil; alcohols; ethers; organic acids; and ethylene glycol. One grab sample per 250 tons of contaminated material containing the following (virgin or non-virgin) hydrocarbon contaminants shall be taken and analyzed for TPH, TOX and PCBs: Nos. 5-6 fuel oil; asphalt, petroleum and coal tars; greases; crude oil; and lubricating oil. The maximum allowable concentration of TPH for incoming. contaminated material may not exceed 45,000 mg/kg using a portable photo ionization detector (PID). The maximum allowable concentration of TOX for incoming contaminated material may not exceed 1,000 mg/kg using a Dexsil L 2000 or equivalent. The maximum allowable concentration of PCBs for incoming contaminated material may not exceed 4 mg/kg using Dexsil extraction method or equivalent.
- A Form U document must be submitted to the Department in accordance with the following procedures 16. prior to the acceptance of (1) virgin and oxygenated hydrocarbon contaminated material with TPH concentrations between 10,000 and 45,000 mg/kg and (2) any nonvirgin hydrocarbon contaminated material:
 - All solid waste must be consistent with the requirements stated in the waste analysis and a. classification plan contained in Form R, as incorporated in Condition 1 of this permit, except to the extent that the requirements of Form R are superseded by the terms and conditions of this permit.
 - The permittee shall not accept any solid waste not included in the Form Rsubmission unless a Ъ. permit modification is submitted to, and approved by, the Department.
 - c. The permittee shall not accept, receive or process hazardous waste as defined in 25 Pa. Code Chapter 261a or 40 C.F.R. Part 261.

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- d. Virgin hydrocarbon contaminated material with TPH concentrations less than 10,000 mg/kg and contaminated material from small quantity residual waste generators do not need to have Form U documents submitted to the Department prior to their acceptance at the facility and, consequently, are not subject to the submittal and review requirements described in Condition 16f provided that they do not also involve a total metals waste acceptance limitation waiver request pursuant to Condition 14b, above. For those waste streams subject to the Form U submittal waiver of this subcondition, the permittee must keep waste characterization documents, including a Form U, on file at the facility to demonstrate that the waste streams accepted pursuant to this sub-condition are not hazardous, comply with the facility's waste characterization requirements as outlined in Condition 14a, and comply with the requirements of this condition (other than 16f). A quarterly report, to be submitted within thirty (30) days of the end of the calendar quarter (January-March, April-June, July-September, and October-December), shall be submitted to the Department's Southeast Regional Office listing information by generator including the waste type, approved quantity, quantity accepted, generator identification number, the identification number for each Form U document, and the end use category that governed the level of remediation (see Condition 16g) for all waste received during the calendar quarter that did not require the submittal of a Form U to the Department.
- e. All Form U documents must be kept on file and are to be available for inspection by the Department. Each Form U document shall be assigned a sequential identification number that is to be recorded on all forms submitted to the Department.
- f. The permittee must submit a Form U waste processing request for each waste stream not exempted from the submission requirement pursuant to Condition 16d, above. Proof of submission to the Department shall be dated certified mail return receipt cards; signed, dated, acceptance receipts for hand delivered requests; signed, dated receipts for overnight mail/federal express delivery; or some other delivery/receipt mechanism as may be approved by the Department. The waste indicated on Form U may be accepted for processing by the permittee after fifteen (15) calendar days, unless also subject to the requirements of Condition 14b, above, in which case the waste shall not be accepted for processing until written Department approval is obtained. If, at anytime after the fifteen (15) calendar day period, it is determined by the Department that the waste accepted for processing is not consistent with the waste analysis and classification plan or the design of the facility, the permittee shall be subjected to all and any

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applicable enforcement action of the Solid Waste Management Act or the Department's rules and regulations promulgated thereunder. Absence of disapproval by the Department before and after the waiting period does not constitute an approval or final action of the Department.

- g. All Form U documents shall indicate the intended end use mechanism for the material that is to be processed as well as the end use category (Categories 1–5, refer to Form P, Section 4.6) that will govern the level of remediation.
- After exiting the thermal treatment unit, processed material shall be conveyed by radial stacker 17. to the Remediated Product stockpile area, as indicated on Drawing No. 1A. This area, also known as the temporary stockpile area, measures approximately 50' by 36' by 20' high and shall be limited to no more than 1,333 cubic yards or 2,000 tons at anytime. Material shall remain at this location until post-treatment testing and analysis have been conducted to verify the effectiveness of the thermal remediation process. At a minimum, one grab sample per 50 tons of thermally processed material shall be collected and analyzed for TPH and volatile organic compounds (VOCs). Effective thermal remediation shall be based upon none of the TPH concentrations of the grab samples exceeding the applicable category limitation and none of the VOCs concentrations exceeding 2 ppm or the individual organic compound limitations specified by the implementing mechanism for the intended end use, with the latter not to exceed 250 ppm (see Form P, Section 4.6 and Table 4). Material meeting the effective remediation standards shall be moved and stored in the processed material storage area, pursuant to Condition 18, below. Material not meeting the effective thermal remediation standards shall be moved inside the building for storage in Areas 3-6 pending reprocessing, or for staging in Area 7 for immediate reprocessing. Material returned to the building for reprocessing shall be managed as contaminated material and shall be included as part of the 17,500-ton storage limitation contained in Condition 12, above.
 - b. Regulated fill and direct reuse material meeting end use requirements without thermal processing but only requiring physical processing shall be moved and stored in the outside processed material storage area, pursuant to Condition 18, after physical processing.
 - c. Processed material, after being blended with biosolids as a soil amendment, shall be tested for the parameters and at the frequency specified in the General Permit authorizing said processing and beneficial use.

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- 18. a. Material meeting the effective thermal remediation standards shall be moved from the temporary stockpile area and shall be stored in the processed material stockpile area, which is a kidney-shaped area approximately 200' by 350', as shown on Drawing No. 1A. In addition, regulated fill and direct reuse material shall be moved from Area 7 after physical processing and shall be stored in this processed material stockpile area. Within this area, processed material may be stored in any configuration within the area so long as no more than 7,407 cubic yards or 11,100 tons of material is stored at anytime and so that pile height does not exceed 20'. Piles shall be adequately segregated and marked (including batch numbers as well as narrative descriptors regulated fill, Categories 1-5 fill, etc.) according to end use requirements. All material placed in the processed material stockpile area shall meet the Category 1 effective remediation limit unless an agreement is in place with a defined end user for an end use allowing for a different effective remediation limit that also specifies a time frame for, and quantity of, the material needed (see Form P, Section 4.6 and Table 4).
 - b. Once each operating day, the permittee shall monitor each new pile, or each existing pile to which additional material has been added, that contains regulated fill or direct reuse material. The pile(s) shall be monitored for VOCs in accordance with Section 4.6 of Form P. If any reading for a pile exceeds 100 ppm, that pile shall immediately be covered with a tarp or cover to minimize fugitive emissions, in accordance with Section 4.7.1 of Form P. If any reading for a pile exceeds 250 ppm, that pile shall immediately be relocated back into the building for storage in an appropriate area of the building (Areas 3–6) to be managed as soil intended for thermal remediation pending reprocessing, in accordance with Section 4.7.2 of Form P. A record shall be kept of the daily VOC readings, the TPH category of the each pile(s) corresponding to the daily VOC readings (and/or actual TPH values for each pile, if known), and each incident of implementation of the control measures required pursuant to Section 4.7 of Form P (cover or tarp placement, movement of material back into the building). Material returned to the building for reprocessing shall be managed as contaminated material and shall be included as part of the 17,500-ton storage limitation contained in Condition 12, above.

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- c. Pursuant to Condition 6 of this permit, and as indicated on Drawing D-001, clean fill may be stored in a portion of the processed material stockpile area to the extent that said storage does not interfere with the permittee's ability to abide by, or comply with, the terms and conditions of this permit. Clean fill shall be segregated from processed material by a physical barrier, which may be adjusted to suit operational needs.
- d. The permittee shall maintain adequate records of incoming and outgoing materials and material processed to determine the amount of processed material contained outside the building (in areas described in Conditions 17 and 18 of this permit) at any given time. Said determination must be provided to the Department upon request and shall be recorded in the facility's operational records on at least a daily basis. If the permittee, through its recordkeeping, is unable to determine the amount of contaminated material outside the building to the Department's satisfaction, upon written request from the Department, the permittee shall configure the processed material outside the building in such a manner as to allow for pile volume measurements or surveys to be conducted to determine the amount of processed material present.
- e. The storage of processed material and clean fill shall be in a manner that will not create a nuisance or be harmful to public health, safety, or the environment, and shall be in a manner that prevents the dispersal of processed material by wind or water erosion.
- f. Runoff from the processed material storage area, including runoff from processed material and/or clean fill storage areas, shall not cause surface water pollution or groundwater degradation, and shall be managed in accordance with the Clean Streams Law and regulations promulgated thereunder. Runoff from the processed material storage area shall be diverted or otherwise controlled so that runoff, including runoff-laden sediment, does not flow onto or through the clean fill storage area(s) or come in contact with clean fill material.
- g. At a minimum of once per calendar quarter, the permittee shall collect a sample of stormwater runoff from the processed material storage area and analyze the sample for TPH, total suspended solids, and the thirteen priority pollutant metals (total and dissolved), unless the permittee certifies that there was insufficient rainfall to generate runoff capable of being sampled in that calendar quarter. The sample shall be collected during the initial 30 minutes of the discharge from the processed material storage area, or as soon as practicable thereafter, and shall be collected prior to discharge to the sedimentation basin. Ouarterly sample results shall be

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submitted to the Department's Southeast Region Waste Management Program Manager no later than 30 days after the end of the calendar quarter for which the sample was to be taken. After obtaining four quarters of actual sample results, the permittee shall submit a report evaluating (1) the quality of the stormwater runoff, (2) the effectiveness of runoff controls, and (3) the need for continued or additional surface water and/or groundwater monitoring, pursuant to 25 Pa. Code 297.233. As a part of the evaluation, the permittee may request a reduction or elimination of the runoff-sampling program if it believes the data results support such a request. The quarterly sampling program shall remain in effect until modified or eliminated by the Department, in writing, pursuant to this condition.

- 19. Oversized material shall be limited to contaminated material approved for waste acceptance that fails to pass a 2-inch or larger screen. Recyclable oversized material shall be oversized material as described above that is determined to be uncontaminated based on both visual inspection and portable PID testing, Recyclable oversized material may be stored either inside the building or outside the building in the treated material stockpile area described in Condition 18, above, and may be marketed for a suitable use, pending any additional testing that may be required for said use. The recyclable oversized material must be weighed or measured prior to placement outside the building and shall be counted as part of the 7,407 cubic yard or 11,100-ton storage limitation contained in Condition 18, above, to prevent unacceptable amounts of "recyclable" material from being accumulated outside of coverage of the facility's bond. Nonrecyclable oversized material shall be oversized material as described above that is determined to be contaminated based on either visual inspection or portable PID testing. Nonrecyclable oversized material shall be stored inside the building in Areas 1-7 until it can be transported to an approved off-site disposal or processing facility. The amount of nonrecyclable oversized material stored in this manner, and the amount of recyclable oversized material not stored outside the building, shall be counted as part of the 17,500-ton storage limitation contained in Condition 12, above.
- 20. The facility is not approved to accept or process wastes other than those authorized pursuant to Conditions 11, 13, and 19 above, relating to contaminated materials, biosolids, and oversized materials, respectively, as those terms are defined or used in this permit. While it is acknowledged that there may be some unavoidable amounts of unacceptable material received, the amounts should be minimal and incidental. While the permittee has a plan to dissuade generators from sending loads containing unacceptable material by assessing a billable surcharge rate if unacceptable material of over 5 percent by volume is received, issuance of this permit shall in no way be construed as acceptance of that 5 percent figure as constituting a standard for minimal or incidental as neither 120 tpd (5 percent of 2,400 tpd

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maximum daily volume) nor 875 tons total storage of unacceptable waste (5 percent of 17,500 tons maximum waste storage) is considered minimal or incidental.

- 21. The permittee shall control and minimize conditions that are harmful to the environment or public health, or which create safety hazards, odors, dust, noise, unsightliness, and other public nuisances. With regard to transportation of waste to the facility, the permittee may implement a waste transport vehicle compliance plan (see Form R, page 7A, as modified on December 5, 2005) whereby noncompliant vehicles will be subject to a "time out" to encourage compliance, subject to the following additional requirements:
 - a. The "time out" shall be for at least a one-hour period commencing after the vehicle would normally be allowed to tip its waste. The time required for waste pre-acceptance screening (i.e., visual inspection, sampling, analysis, analytical review, issuance of a weight ticket and signed manifest) shall not be included in the "time out." Records of "time out" occurrences (date, transporter identification, time vehicle in, time vehicle out, reason for occurrence, etc.) shall be kept as part of the daily operational record.
 - b. Pursuant to Section 6206(a) of Act 2002-90, the permittee may not accept a waste transportation vehicle without a current authorization sticker issued by the Department. Vehicles without the required current authorization sticker must be rejected and may not be subject to the "time out" provisions of the waste transport vehicle compliance plan.
 - c. Waste transportation vehicles leaving the facility shall be in compliance with the transporter requirements of Chapter 299 of the residual waste regulations as well as the requirements of Act 2002-90, when applicable.
 - d. The permittee shall keep a record of overweight vehicles in accordance with 25 Pa. Code 297.261(b)(12), relating to daily operational records.
 - e. Where repeat occurrences for a transporter indicates that the waste transport vehicle compliance plan is not effective in minimizing harms, hazards, or nuisances, it is the permittee's responsibility to take additional steps to obtain more effective compliance. This may require modification of the waste transport vehicle compliance plan. Continued reliance upon the waste transport vehicle compliance plan in the face of evidence indicating a failure achieve compliance

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will not shield the permittee against appropriate enforcement action on the part of the Department.

- 22. The TPH concentration of contaminated material entering the primary thermal unit (PTU) shall be 10,000 mg/kg or less, based on blending calculations as presented on the Soil Storage and Chemistry Summary spreadsheets appended to Form P. The permittee may request to demonstrate the facility's capability to effectively remediate contaminated material at a higher concentration by submitting to the Department's Waste Management Program a protocol for such a demonstration. If said protocol is approved by the Department, or approved with modifications, the permittee may conduct the demonstration and may utilize the results of the demonstration to seek a modification of the limitation contained herein. In such an event, the permittee may submit a permit application to the Department to modify the subject limitation. Provided that the application seeks nothing other than to modify the 10,000 mg/kg limitation based upon the results of an approved demonstration protocol, the permit application may be processed as a minor modification to this solid waste permit. Should the application contain additional modification requests, then those additional modification requests will dictate the form of the application. Nothing in this condition shall be construed as indicating a commitment on the part of the Department to approve any such application.
- 23. The carbon adsorption system shall operate at all times when the PTU is not operating and hydrocarbon contaminated material is present in the building.
- 24. This renewal permit also approves the Radiation Protection Action Plan for Solid Waste (RPAP) dated May 1, 2002, and revised March 30, 2004, September 9, 2004, June 24, 2005, September 28, 2005, and August 16, 2006, as indicated in Condition No. 1, above.
 - a. Unless otherwise approved in writing by the Department, the stationary monitoring equipment shall be installed and the RPAP implemented as soon as possible, but in no instance later than three months after the date of this permit reissuance.
 - b. Pursuant to Section 613 of the Solid Waste Management Act, 35 P.S. Section 6018.613, the Department may recover its costs to abate a public nuisance related to radioactive waste, including its costs of management, transport, and disposal of the radioactive waste processed, stored, disposed, or rejected at the facility.

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- c. Approval of Form X does not guarantee operational effectiveness. Failure to operate this equipment to perform as intended or designed, and implement the RPAP according to the application documents herein approved, for any reason, shall be sufficient grounds for revocation or suspension of the facility's waste permit in part or in its entirety.
- d. A Form 19R, Certification of Facility Construction, shall be submitted to the Regional Solid Waste Manager after the permittee has made the necessary modifications to its facility and is ready to implement the RPAP. The Form 19R shall indicate that all necessary equipment has been installed and is operational, and that the necessary staff training for use of the monitoring equipment and implementation of the RPAP has been provided.

The stationary monitoring equipment may be utilized, but the RPAP may not otherwise be implemented, until after the Form 19R has been submitted to, and approved by, the Department. Departmental approval may involve a site inspection, by either Waste Program staff alone or jointly by Waste Program and Radiation Protection Program staff, and may specify operational requirements or procedures to be implemented by the permittee during an initial trial period. These requirements or procedures will be designed to allow the Department's Area Health Physicist to evaluate the facility's ability to properly implement the approved Action Plan. The permittee is expected to comply with these operational requirements during the trial period to the same extent as if they were permit conditions.

e. Until such time as the stationary monitoring equipment is installed and utilized, the permittee shall screen all waste received for radioactivity using portable (handheld) monitoring equipment. No solid waste may be received unless radiation monitoring is conducted as part of the waste on-site waste acceptance screening. Until the stationary equipment is installed, the Form 19R submitted and approved, and the permittee authorized by the Department to implement the RPAP, the permittee shall conduct radiation monitoring using monitoring equipment in accordance with the Department's Document No. 250-3100-001, <u>Guidance Document on Radioactive Monitoring at Solid Waste Processing and Disposal Facilities</u>.

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- 25. Contaminated material shall be processed, thermally remediated and tested to the extent necessary to allow the processed waste to be used lawfully and consistent with the applicable standards for the intended uses. The testing frequencies and acceptance criteria for incoming contaminated material approved in this permit are intended to allow for a hazardous waste determination and to provide sufficient data to establish blending ratios and production run concentrations for the purpose of physically processing and/or thermally remediating hydrocarbon contaminated material. The post-production testing approved in this permit is intended for determining the effective remediation of TPH and VOCs as a process control. The testing frequencies, parameters, and criteria approved in this permit are not intended to be, and shall not be construed as, a substitute for the need to satisfy the testing frequencies, parameters, and criteria of the implementing regulatory mechanism under which a particular production run or batch of processed material is intended to be used. The permittee remains responsible for conducting any and all necessary testing, beyond the minimum requirements contained in this permit that may be required to satisfy the implementing mechanism for off-site use or disposal of processed contaminated material. The permittee shall, as part of the daily operation record, maintain adequate documentation to demonstrate compliance with this requirement.
 - Any material intended for use as regulated fill shall have been determined to be regulated fill in b. accordance with the requirements of the Department's Management of Fill policy (Document No. 258-2182-773) prior to receipt and acceptance at this facility. Processing of regulated fill at this facility shall be limited to physical processing of regulated fill and/or blending of regulated fill only with other regulated fill. Approval for the beneficial use of the regulated fill material pursuant to General Permit No. WMGR096 shall be obtained for each processed batch pile and the application must include the results of this facility's waste acceptance testing, blending calculations, and post-process testing requirements. This facility shall not be considered a "source" of regulated fill, but may generate a processed batch pile of material that is suitable for use as regulated fill, subject to each batch pile qualifying for, and obtaining coverage under, General Permit No. WMGR096.
 - In cases where the implementing regulatory mechanism specifies end use parameters but does C. not specify testing frequencies to demonstrate compliance with those parameters, the permittee shall, at a minimum, obtain either pre- or post-testing data at the frequencies specified in Form R, Table 1, for any end use parameter not included in Table 1.

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- 26. In the event that generator data is used to demonstrate compliance with end use inorganic requirements, the permittee shall collect a minimum of one grab sample per 250 tons (or increment thereof) of a production run for the purpose of conducting inorganic analysis confirmation testing. The grab samples so collected for a production run may be composited such that one composite is made for every 5,000 tons (or increment thereof) of each production run, and the composite(s) shall be analyzed for inorganics. The results of the inorganic analysis/analyses shall be compared to the blending calculation estimates to verify the accuracy of the blending procedures. Should a composite analysis differ from the blending calculation estimate by more than 10 percent, then actual post-processing test results must be used if greater than the blending estimate for that production run. The permittee shall keep records of the inorganic confirmation testing as part of the daily operation record and shall submit quarterly reports to the Department's Southeast Regional Office (Waste Management Program Manager) detailing the results of the confirmation testing and describing any steps taken to explain and/or correct the inadequacies of the blending procedures.
- 27. In the event that actual post-processing test data is used to demonstrate compliance with end use inorganic requirements, the results of the post-processing inorganic analysis/analyses shall be compared to the pertinent blending calculation estimates to verify the accuracy of the blending procedures, and a record of the results of each comparison shall be made part of the daily operation record. Should the analysis/analyses differ from the blending calculation estimate by more than 10 percent, the permittee shall investigate the reason for the deviation and shall note in the daily operation record any steps taken to explain and/or correct the inadequacies of the blending procedures.
- 28. No waste may be stored at this facility for a period of more than one year. All processed material shall be managed as waste while at the facility. When being transported from the facility for off-site use, processed material shall be managed in accordance with the implementing regulatory mechanism under which it is intended to be utilized.
- 29. Revisions to the Department's Management of Fill policy (Document No. 258-2182-773) dated April 24, 2004, shall constitute grounds for reopening this permit to make any necessary modifications as may be warranted by the revisions.

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30.	The bond between the permittee and the Department (initially in the amount of \$1,930,000) is, hereby, approved as part of this permit. The bond must be updated after receiving written notice from the Department in accordance with Chapter 287 of the Residual Waste Regulations.								
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LTTD & Waste Disposal - Facility C

Clean Earth of New Castle, Inc.

94 Pyles Lane New Castle, DE 19720

STATE OF DELAWARE DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENTAL CONTROL

DIVISION OF AIR & WASTE MANAGEMENT

89 Kings Highway Dover, Delaware 19901



SOLID & HAZARDOUS WASTE
MANAGEMENT BRANCH

TELEPHONE: (302) 739-9403 FAX No.: (302) 739-5060

RESOURCE RECOVERY FACILITY PERMIT NO. SW02A16

Original Issue Date:

December 22, 1995

Original Expiration Date:

December 22, 1998

Issue Date:

February 24, 2011

Expiration Date:

February 29, 2016

Issued to:

Clean Earth of New Castle, Inc.

94 Pyles Lane

New Castle, DE 19720

Contact Person:

Mr. Paul Lane

Telephone Number:

302.427.6633

Pursuant to 7 <u>Del. C.</u>, Section 6003(a)(4), Clean Earth of New Castle, Inc. (CENC) is hereby granted approval to operate a thermal desorption facility located at 94 Pyles Lane, New Castle, Delaware for the processing of non-hazardous petroleum hydrocarbon contaminated soils. This permit is issued in accordance with CENC's December 31, 2009 request to renew Permit SW-95/07, the Resource Recovery Permit Renewal application dated April 22, 2010 and the revised and completed application dated May 14, 2010. The complete application includes the "General Operations Plan – Thermal Remediation and Recovery of Petroleum Hydrocarbon Contaminated Soils," which is supplemented by two operating modules: "Operating Module 1: Management Procedures for Direct Reuse Soils" revised April 2010 and "Operating Module 2: Management Procedures for Non-Hazardous Recyclable Materials (NHRM) revised May 2010. This permit is modified to impose Delaware's Uniform Risk-Based Remediation Standards (URS) or alternative risk-based standards to all incoming soils, with the exception of those contaminants removed via the thermal desorption process. Modifications in this permit also:

- 1. Allow for thermal processing of soils contaminated with natural oils,
- 2. Remove the pH requirement for the thermal desorber, and
- 3. Allow for the use of drying agents, such as cement kiln dust (CKD), prior to thermal treatment.

I. GENERAL CONDITIONS:

A. Applicability:

This Resource Recovery Facility permit applies to the process of accepting, storing, thermally treating and re-using soils contaminated with non-hazardous petroleum hydrocarbons, non-PCB containing mineral oil, other natural oils, and Manufactured Gas Plant (MGP) coal distillate.

Additionally, this permit applies to the process of amending the treated soils with Non-Hazardous Recyclable Materials (NHRM) for beneficial reuse. The thermal desorption unit is permitted to treat at a rate not to exceed 60 tons/hour. The quantity of NHRM to be added to amended soils will not exceed 1440 tons/day.

This permit also applies to the physical processing of Direct Reuse Soils. Direct Reuse Soils are those that, upon receipt, meet all the requirements Sections III.A.5 and III.E of this permit. The facility may physically process these soils to remove residual materials, such as rock, brick, stone, etc. and is not required to thermally treat these soils.

B. Security:

The permittee shall construct and maintain a security system necessary to restrict unauthorized access to the facility at all times.

C. Inspection and Maintenance:

The permittee shall conduct inspections weekly per the submitted Operations Plan and maintain the facility in a manner to comply with the conditions of this permit. These inspection records shall be maintained for at least three (3) years and made immediately available to the Department upon request.

D. Reporting:

As required by 7 <u>Del. C.</u> Section 6028, the permittee shall report any unpermitted release of a pollutant or air contaminant in excess of the reportable quantity at the facility to DNREC's Emergency Response number, 1-800-662-8802, immediately after appropriate emergency plans have been implemented. This reporting requirement shall also apply to fire or any other occurrence where equipment failure or malfunction results in or has the potential to result in an unpermitted release of a pollutant. If the release exceeds a permitted limit, additional reporting requirements set forth in the permit may apply.

As required by the conditions of this permit, the permittee shall submit annual reports according to the requirements prescribed in Section III.F.

E. Expiration:

This permit shall expire five (5) years from the Issue Date. Per Delaware's *Regulations Governing Solid Waste* (DRGSW) Section 4.1.6, the permittee shall submit a permit application with all supporting documentation to DNREC at least one hundred and eighty (180) days prior to expiration.

F. Access:

Representatives of DNREC may, at any reasonable time, inspect this facility to verify compliance with the permit requirements, DRGSW and 7 <u>Del. C.</u> Chapter 60.

G. Revocation:

This permit may be revoked upon violation of any condition of this permit, DRGSW or 7 <u>Del. C.</u> Chapter 60.

H. Modifications:

DNREC has the authority to modify this permit at any time.

I. Permit availability:

A copy of this permit shall be maintained at this facility and immediately made available to any Department representative upon request.

J. Permit Transfer:

At least 90 days prior to the date of the proposed transfer, the permittee must submit all documentation required by DRGSW Section 4.1.8. The actual transfer will be contingent upon the transferee's meeting all permit and regulatory requirements; until such time, the original permittee will remain liable for compliance regardless of who owns the facility.

K. Hours of Operation:

The hours of operation for this facility are 24 hours/day, 7 days per week; however, the thermal desorption unit and associated control equipment shall not operate more than 6000 hours per year.

L. Odor Control:

This facility shall not cause or allow the emission of an odorous air contaminant in such quantities as to interfere with any person's enjoyment of life or property. No odors may be perceived beyond the property boundary.

M. Stormwater Retention Pond:

In the event of stormwater runoff from contaminated soils and leakage of petroleum hydrocarbons from truck traffic and on-site equipment, sediment removed from the stormwater retention pond will be contaminated with hydrocarbons. For this reason, prior to disposal or reuse, sediment removed from the stormwater retention pond must be treated in the thermal desorption unit and must satisfactorily comply with the conditions of Section III.E of this permit. This sediment may be blended with treated or untreated soils as necessary to achieve appropriate moisture content for proper treatment in the thermal desorption unit. However, if the untreated sediment is blended with treated soils, re-treatment in the thermal desorption unit is required.

When the stormwater retention pond is cleaned out, the removed sediment must be sampled and analyzed in accordance with Section III.A.4 or III.A.5 of this permit. If the sediment meets all the acceptance criteria in Section III.A.4, the sediment may be thermally treated. If the sediment meets the acceptance criteria in Section III.A.5, the sediment may be managed under the Direct Reuse Soils Program. If the sediment does not meet all acceptance criteria, CENC must arrange to dispose of the waste in accordance with DRGSW or Delaware's *Regulations Governing Hazardous Waste* (DRGHW), as applicable.

If CENC chooses to manage the sediment from the stormwater retention pond as a non-hazardous recyclable material (NHRM), the facility must comply with the requirements in Section III.B.3 of this permit.

N. Soils Tracking:

Vehicles exiting the facility shall not track soils or other materials onto any public road. When necessary, control measures must be implemented to comply with this requirement. When

sweeping is used as a control measure, all collected soils must be processed in the thermal desorption unit.

II. AUTHORIZED WASTE TYPES:

A. Permitted:

Only non-hazardous soils contaminated with petroleum hydrocarbons, non-PCB mineral oils, other natural oils, and Manufactured Gas Plant (MGP) coal distillates that are non-hazardous that meet the standards in Section III of this permit may be accepted at this facility. The permittee shall be responsible for verifying that the contaminated soils are not a hazardous waste as defined by RCRA or DRGHW. The types of sources of hydrocarbons that are acceptable for processing at the facility are restricted to soils contaminated with:

- Automotive crankcase and lubricating oils, fuel oils (ASTM numbers 1 through 6), diesel fuel, gasoline, kerosene and aviation fuel.
- Coal distillate contaminated soils (MGP soils) that are non-hazardous.
- Used oil, defined for the purposes of this permit as, "Any oil that has been refined from crude oil, or any synthetic oil, that has been used and as a result of such use is contaminated by physical or chemical impurities (DRGHW §279.1)."
- Waste oil, defined for the purposes of this permit as, "Wastes, such as bottom clean-out waste from virgin fuel oil storage tanks or virgin fuel oil spill cleanup that are not used oil because they have not been "used" for their intended purpose." For the purposes of this permit, solvent-contaminated waste oil does not meet the definition of waste oil.
- Other natural oils identified in Section 4, Table 3-4 of the permit application.

Soils contaminated with used or waste oil not complying with these definitions may not be accepted by this facility.

Soils from drill cuttings generated at Underground Storage Tank sites may be placed with the excavated soils for analysis and treatment at the site of origin provided this procedure is permitted by the Underground Storage Tank Regulations in the state the drill cuttings are generated.

Non-Hazardous Recyclable Materials (NHRM) are materials that would otherwise be disposed of as waste that are used to augment treated soils, thereby conferring beneficial properties. Specific NHRM approved per Section III.B.3 may be accepted for blending with treated soils to produce a synthetic soil.

B. Prohibited:

Any soils or NHRM determined to be hazardous (as defined by RCRA or DRGHW), whether listed or characteristic, by the generator, the generator's representative, CENC, or the DNREC, shall not be accepted at this facility. If hazardous waste is delivered to this facility, it must be segregated in a storage building, removed within 72 hours and the affected area decontaminated. Removal, decontamination, and proper disposal of this material are the responsibility of CENC. CENC shall contact the Solid and Hazardous Waste Management Branch immediately at 302.739.9403 in the event it is determined that hazardous waste was accepted at the facility.

Blending of any untreated soils or NHRM for the purpose of contaminant dilution below regulated levels is strictly prohibited. Blending may be permitted only to achieve the physical soil characteristics necessary for proper treatment and is limited to blending for the purposes of reducing the TPH concentration below 17,000 ppm and adding drying agents. MGP soils that have been blended, regardless of the percentage or source of blending material, must be treated strictly as MGP soils.

III. FACILITY OPERATION:

- A. Operation and Requirements for Testing Incoming Materials:
 - 1. The permittee shall operate the facility in accordance with this permit, the permit application submitted on April 22, 2010, and the revised application submitted on May 14, 2010.
 - 2. The soils and NHRM sampling procedures and test methods shall be those found in the most current legal edition of EPA publication number SW-846, "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods." For this reason, the individual responsible for taking samples must be competent in the proper sampling techniques. All soils and NHRM samples and analyses must accurately represent the type and degree of contaminants present. TPH will be measured by DRO (Diesel Range Organics) analysis when the following petroleum hydrocarbons are present: automotive lubricating oils, fuel oils (ASTM numbers 1 through 6), diesel fuel, kerosene and aviation fuel. GRO (Gasoline Range Organics) analysis will be used when the contaminant is gasoline.
 - 3. For the purposes of this permit, acceptance is defined as the material being off-loaded from a vehicle at the facility's property.
 - 4. Incoming Soils to Be Thermally Treated:
 - a) Pre-approval Sampling of Soils to Be Sent to CENC:
 - 1) At least one representative, composite sample must be taken for every 1,000 tons of soils excavated or as determined on a site-by-site basis approved in writing by the Department and a complete analysis performed by an independent laboratory, as required by this section. However, based on site conditions, more frequent sampling and analysis may be warranted. If a site-by-site basis sampling plan is invoked, the Department may set an alternate number of samples, but not less than the minimum number of samples indicated by the statistical analysis described in EPA SW-846, Chapter 9. Emphasis must be placed on ensuring that the samples taken accurately represent actual site conditions.
 - 2) All incoming soils will require the following analyses, as set forth in Tables 3-1 and 3-2 of the "General Operations Plan: Thermal Remediation and Recovery of Petroleum Hydrocarbon Contaminated Soils":
 - If site knowledge or history indicates the possibility of contamination by herbicides, pesticides or any other contaminants defined in the "Delaware Uniform Risk-Based Remediation Standards," an analysis of any suspect contaminants must be performed. Specifically, for any site that has been used for

the manufacturing, distribution, packaging of pesticides, herbicides or agricultural insecticides, TCLP analysis for these compounds is required.

- ii. Any location that has been abandoned will require TOX analysis for potential presence of pesticides and herbicides. If the TOX analysis exceeds 10 mg/kg, a full TCLP including pesticides and herbicides must be run.
- iii. All incoming soils will also require the following analyses, with limits set forth in Tables 3-1 and 3-2 of the "General Operations Plan: Thermal Remediation and Recovery of Petroleum Hydrocarbon Contaminated Soils":
 - 1. Full Toxicity Characteristic Leaching Procedures (TCLP) (see exceptions in footnote of Table 3-1).
 - 2. RCRA Characteristics (ignitability, reactivity, corrosivity)
 - 3. Total Petroleum Hydrocarbon (TPH) using GRO/DRO analysis as specified in Section III.A.2
 - 4. Benzene, Toluene, Ethylbenzene and Xylene (BTEX)
 - 5. Polychlorinated Biphenyls (PCBs)
 - 6. Total Organic Halides (TOX)
 - 7. Based on the source of the contaminants in the soils, the analytical testing prescribed in Table 3-2: Additional Analytical Testing Schedule for Incoming Soils (attached).
 - 8. If, through due diligence, it is determined that there are other contaminants that are reasonably expected to be present, the analytical testing and limits prescribed in Table 3-3.1: Case-By-Case Testing and Acceptance Criteria for Incoming Soils and Table 3-3.2: Case by Case Contamination Constituent List must also be met.

Note: For non-hazardous soils from petroleum-containing Aboveground or Underground Storage Tanks (AST or UST) within Delaware, excluding used oil or waste oil, the analytical requirements requested by the DNREC Tanks Management Branch are adequate for acceptance of said soils at this facility. However, the DNREC Tanks Management Branch registration form, as well as the analytical results, must accompany said soils during transportation and be maintained on file at Clean Earth of New Castle, Inc. as evidence that the soils in question were generated within the State of Delaware and that they are non-hazardous. These records must be maintained for a minimum of three (3) years and made immediately available for DNREC review.

b) Pre-acceptance Sampling of Soils Received at CENC

Prior to acceptance, a representative, composite sample will be obtained from each individual truck arriving at CENC. Individual truck samples from the same generator and same soil project (same approval number) may be combined to form a composite sample for analysis in the facility's on-site laboratory. CENC may combine the samples to form two (2) composite samples for the first 100 tons of soils received from any given soil project. Subsequent to the first 100 tons, CENC may combine the samples to form one (1) composite sample for every 100 tons thereafter. Each sample will be analyzed for TOX following the Standard Operating Procedure: Operation of TOX Analyzer provided

in Section 4, Appendix X of the operations plan. The TOX analysis results will be evaluated as follows:

- 1) If the chloride test results are less than 50 parts per million (ppm), CENC can accept the soils.
- 2) If the chloride test results are greater than 500 ppm, CENC must reject the soils.
- 3) If the chloride test results are greater than or equal to 50 ppm and less than or equal to 500 ppm, CENC must analyze the soils for PCBs using the current EPA approved method.

5. Incoming Direct Reuse Soils

- a) Pre-approval Sampling of Soils to Be Sent to Clean Earth of New Castle, Inc.:
 - 1) At least one representative, composite sample must be taken for every 1,000 tons of soils excavated or on a site-by-site basis and a complete analysis performed by an independent laboratory, as required by this section. However, based on site conditions, more frequent sampling and analysis may be warranted. If a site-by-site basis sampling plan is invoked, the Department may set an alternate number of samples, but not less than the minimum number of samples indicated by the statistical analysis described in EPA SW-846, Chapter 9. Emphasis must be placed on ensuring that the samples taken accurately represent actual site conditions.
 - 2) All incoming soils will require the following analyses, as set forth in Tables 3-1 and 3-2 of the "General Operations Plan: Thermal Remediation and Recovery of Petroleum Hydrocarbon Contaminated Soils, Operating Module 1: Management Procedures for Direct Reuse Soils":
 - i. If site knowledge or history indicates the possibility of contamination by herbicides, pesticides or any other contaminants defined in the "Delaware Uniform Risk-Based Remediation Standards," an analysis of any suspect contaminants must be performed. Specifically, for any site that has been used for the manufacturing, distribution, packaging of pesticides, herbicides or agricultural insecticides, TCLP analysis for these compounds will be required.
 - ii. Any location that has been abandoned will require TOX analysis for potential presence of pesticides and herbicides. If the TOX analysis exceeds 10 mg/kg, a full TCLP including pesticides and herbicides must be run.
 - iii. All incoming soils will also require the following analyses, with limits set forth in Tables 3-1 and 3-2 of the "General Operations Plan: Thermal Remediation and Recovery of Petroleum Hydrocarbon Contaminated Soils, Operating Module 1: Management Procedures for Direct Reuse Soils (DRS)":
 - 1. Full Toxicity Characteristic Leaching Procedures (TCLP) (see exceptions in footnote of Table 3-1)
 - 2. RCRA Characteristics (ignitability, reactivity, corrosivity)
 - 3. Total Petroleum Hydrocarbon (TPH) as GRO/DRO
 - 4. Benzene, Toluene, Ethylbenzene and Xylene (BTEX)
 - 5. Polychlorinated Biphenyls (PCBs)

- 6. Total Organic Halides (TOX)
- 7. Based on the source of the contaminants in the soils (defined in Table 3-2.1: Contaminant Source Categorical Testing and Acceptance Criteria for DRS Soils), the analytical testing prescribed in Table 3-2.2: Direct Reuse Soils Program Additional Analytical Testing Schedule.
- 8. If, through due diligence, it is determined that there are other contaminants that are reasonably expected to be present, the analytical testing and limits prescribed in Table 3-3.1: Case-By-Case Testing and Acceptance Criteria for DRS Soils and Table 3-3.2: Case by Case Contamination Constituent List must also be met.
- b) Pre-acceptance Sampling of Soils Received at Clean Earth of New Castle, Inc.:

Prior to acceptance, a representative, composite sample will be obtained from each individual truck arriving at CENC. Individual truck samples from the same generator and same soil project (same approval number) may be combined to form a composite sample for analysis in the facility's on-site laboratory. CENC may combine the samples to form two (2) composite samples for the first 100 tons of soils received from any given soil project. Subsequent to the first 100 tons, CENC may combine the samples to form one (1) composite sample for every 100 tons thereafter. Each sample will be analyzed for TOX following the Standard Operating Procedure: Operation of TOX Analyzer provided in Section 4, Appendix X of the permit application. The TOX analysis results will be evaluated as follows:

- 1) If the chloride test results are less than 50 parts per million (ppm), CENC can accept the soils.
- 2) If the chloride test results are greater than 500 ppm, CENC must reject the soils.
- 3) If the chloride test results are greater than or equal to 50 ppm and less than or equal to 500 ppm, CENC must analyze the soils for PCBs using the current EPA approved method.
- 6. CENC may not accept soils or NHRM from trucks which do not have a valid Delaware Solid Waste Transporters permit for the type of waste being transported. For liquid waste the transporter must have the appropriate transporter permit from the Division of Water Resources. For additional information, the DNREC, Division of Water Resources may be reached at 302.739.9948.

B. Processing Requirements:

- 1. Soils with a TPH greater than 17,000 ppm may not enter the thermal desorption unit without prior blending to levels below 17,000 ppm.
- 2. The minimum temperature of the thermal desorption unit must be sufficient to meet the reuse requirements in Section III.E of this permit. In addition, the following minimum operating temperatures must be obtained prior to soils entering the thermal desorption unit and maintained for the duration of soil treatment:
 - a) For soils containing gasoline range organic contamination (petroleum hydrocarbons having a boiling point less than 338°F), the minimum operating temperature must be 230°F.

- b) For soils containing diesel range organic contamination (hydrocarbons having a boiling point greater than or equal to 338°F), the minimum operating temperature must be 350°F.
- c) For MGP-contaminated soils, the minimum operating temperature must be 400°F.
- 3. While the process of adding NHRM to treated soils to improve their reuse has conceptually been approved, the sampling frequency and analytical parameters required to accept a specific NHRM must be approved for each NHRM by the Department on a case-by-case basis. Once CENC has demonstrated to the Department that the NHRM is an acceptable material, CENC must request that the specific NHRM be added to the permit and then the sampling frequency and analytical parameters will be formalized and become a requirement of this permit. CENC may not accept any NHRM until the Department has granted written approval. Additionally, CENC is required to notify the Hamilton Park Civic Association via certified mail within fifteen (15) calendar days of approval when a new category of NHRM is approved. CENC must maintain a copy of this notification and documentation of receipt for at least three (3) years and make it available for DNREC review immediately upon request.
- 4. In the case that incoming soils (either those requiring thermal treatment or direct reuse soils) are too wet to effectively screen the soils to remove residual materials, CENC may add commercially available soil drying agents, such as sand, clay, vermiculite, cornstarch, diatomaceous earth, lime, lime kiln dust (LKD), cement kiln dust (CKD), or Portland cement, to reduce the moisture content of the soils. If the facility desires to utilize LKD or CKD, documentation must be submitted to the Department demonstrating that the waste meets the Uniform Risk-Based Remediation Standards (URS). The Department will issue an approval letter specific to the source of the waste material. Should CENC wish to accept LKD or CKD from a different source, a new approval shall be obtained. The facility is not permitted to accept LKD or CKD (or any other waste to be reused) prior to the issuance of the Department's written approval.

C. Storage:

<u>Unremediated Soils and NHRM</u> - All accepted loads shall be stored in the storage facilities according to the facility description and operation, as described in the General Operations Plan submitted as part of the May 2010 permit application, until processed for treatment. No untreated soils, including untreated soils which has been removed from stone, brick, concrete, or related materials, may be stored outside. Stone, brick, concrete or other materials, which still contain contaminated soils, must be stored in a storage building. Each storage building utilized for contaminated soils or NHRM shall be completely roofed with walls fully intact.

MGP soils and NHRM must be stored in a separate bin from other permitted soils. Each contaminated soils or NHRM load may be stored for a maximum of 56 days. The quantity of untreated soils in storage may not exceed 16,000 tons. Liquid NHRM must be contained in a storage tank with a secondary containment capacity at least 110 percent of the storage tank.

Thermally Remediated Soils - Treated soils may be stockpiled uncovered, for up to 3 working days, while awaiting confirmatory analytical results. If the results indicate the soils achieve the reuse standards, they may be stored uncovered. Soils not meeting reuse standards must be retreated, resampled, and reanalyzed within 3 working days of receiving the initial analytical results. If, however, the permit reuse levels have not been achieved, then the soils must be covered or placed in storage while awaiting retreatment. Within 24 hours of receiving analytical

results revealing a second treatment failure, the SHWMB must be notified via telephone (302.739.9403) of the reason for treatment failure and a plan to remedy the unsuccessfully treated soils. The combined total quantity of treated soils and treated soils blended with NHRM that may be stored at this facility may not exceed 25,000 tons.

Direct Reuse Soils – All loads shall be stored in the storage areas specified in the General Operations Plan submitted as part of the May 2010 permit application. The quantity of direct reuse soils that may be stored at this facility may not exceed 10,000 tons.

D. Post-Processing Sampling:

1. Thermally Remediated Soils and Thermally Remediated Soils Blended with NHRM: Following the thermal treatment of the contaminated soils, a representative, composite sample of the remediated soils must be collected every 300 tons or at the end of the working day, whichever occurs first. Samples are to be submitted to a laboratory for analysis within three (3) working days and analyzed for Diesel Range Organics (DRO) in accordance with the most current, legal version of EPA Method 8015. Analytical results are to be received within three (3) working days.

In addition to the DRO analysis specified above, CENC shall obtain a representative, composite sample of each processed batch (including thermally remediated soils, thermally remediated soils blended with NHRM, and direct reuse soils). The batch size will not exceed 4,000 tons. The sample will be obtained following the procedures set forth in Appendix VI: Post Process Batch Soil Pile Sampling Procedures. All processed soils must meet the reuse criteria set forth in Appendix V: Post-Process Soil Analytical Testing Schedule, specifically Schedule 1, Schedule 2, and Schedule 3.

2. DNREC retains the right to collect, at any reasonable time, samples of any contaminated soils before and/or after treatment, NHRM before and/or after blending, or direct reuse soils for complete analyses as described in this permit. Regardless of the frequency of sample collection by the DNREC, CENC shall bear the expense of all samples obtained and analyzed by the Department only once per calendar quarter. CENC and DNREC retain the right to split samples for separate analysis.

E. Reuse:

Remediated soils, blends with NHRM, and direct reuse soils shall be used in accordance with the General Operations plan submitted as part of the May 2010 permit application and in particular, Schedules 1, 2, and 3. These tables are attached to the end of this permit. Processed soils supplied as landfill cover must also meet the permitted facility's criteria for landfill cover. For Delaware landfills, prior to acceptance the landfill facility must obtain separate written approval as required in section 5.9.2.3.4 of DRGSW to use CENC processed soils and blends as landfill cover.

- 1. Schedule 1 applies to acceptable uses as topsoil for commercial or industrial reuse, such as blending with compost and landscaping applications for the purposes of establishing turf.
- 2. Schedule 2 applies to acceptable uses as construction material, road sub-base, structural and non-structural fill and landfill top or final construction cover.

- 3. Schedule 3 applies to acceptable uses as landfill operating cover (daily intermediate cover) and asphalt plant feed.
- 4. Processed soils or blends from this facility may not be used for landscaping that will result in direct dermal contact or for residential or agricultural purposes.
- 5. Processed soils or blends from this facility may not be used below the seasonal high water table or in direct contact with any surface water.
- 6. A contract to reuse the processed and NHRM blended soils in an environmentally sound manner must be maintained.
- 7. An environmentally sound policy for the reuse of the stone, brick, concrete and related material generated from the treatment and handling process must also be maintained.
- F. Reporting: An annual report for the preceding calendar year must be submitted by March 1st at 4:30 pm of every year with the following information:
 - 1. a) Approval number, generator, site of origination (name, street address, city, state and zip code), type of contamination (spill, MGP, UST, direct reuse soils), level of contamination (TPH, PAH, BTEX), and quantity of soils in tons.
 - b) Ticket number, incoming date, approval number, truck number, driver's name, solid waste or DNREC, Division of Water Resources transporters number and net tons or gallons, as appropriate, of the load.
 - c) The number of loads and total tonnage of soils or NHRM delivered by each transporter.
 - 2. Rejected loads and reason for rejection.
 - 3. Remediated soils requiring re-treatment, detailed explanation for why soils did not meet the reuse criteria after the first treatment attempt, quantity, level and type of contamination.
 - 4. Type of reuse, quantity, and location of thermally remediated soils, NHRM amended soils, and direct reuse soils.
 - 5. Thermal treatment facility maintenance and repair.
 - 6. AST and UST registration forms and analytical results.
 - 7. The quantity of MGP soils blended with non-MGP soils, the percentages of the blended mixture and the operating temperature of the thermal desorber during remediation of the blended soils.
 - 8. The type and quantity of NHRM blended with remediated soils to produce a synthetic soil for beneficial reuse.
 - 9. The treatment levels achieved for TPH and PAH's.
 - 10. The type and quantity of NHRM received in tons or gallons (as appropriate).
 - 11. The annual report must include an updated estimate of the cost of third party closure of the facility, per the requirements of Section 9.5.3.2 of DRGSW.
 - 12. The financial assurance document, as defined in Section 4.1.11 of DRGSW, must be provided annually to include coverage of the updated cost of closure.
 - 13. Groundwater monitoring results, as described in III.I of this permit.

The information submitted as required in III.F.1 shall be submitted both electronically in Microsoft Excel format and hard copy.

G. Recordkeeping:

- 1. Copies of all records, including manifests and analytical data, reported in III.F above shall be kept on site for a minimum of three (3) years and shall be immediately available for DNREC review at any reasonable time.
- 2. At least three (3) business days prior to accepting MGP-contaminated soils, CENC must be in receipt of documentation from the generator, his designated representative, or the appropriate regulatory agency demonstrating that:
 - a) The site or process where the soils were generated was not contaminated by a listed or characteristic hazardous waste as defined by RCRA or DRGHW.
 - b) For non-hazardous MGP contaminated soils, that oversight of MGP site remediation was conducted by the appropriate regulatory agency and that thermal desorption at CENC is an acceptable form of treatment for these soils.

These records must be maintained for a minimum of three (3) years and shall be immediately available for DNREC review at any reasonable time.

H. Closure Plan:

Annually, the third party cost estimate for closing the facility must be updated, per the requirements of DRGSW Section 9.5.3.2. Additionally, the closure plan must be kept current, as required by DRGSW 4.4.1.11. If a change is required to the closure plan, CENC must apply for a permit modification and receive approval prior to implementing the change.

I. Groundwater Monitoring:

The permittee shall sample monitoring wells MW1, MW2, MW3, MW4, MW5, MW6 and MW7 quarterly (January, April, July, and October) and analyze for TPH, BTEX, specific conductance, and pH. CENC must provide the sampling date to the Department at least two (2) weeks prior to the sampling event. If any of the wells are not sampled during a given quarter, a detailed explanation must be provided to the Department as to why the wells were unable to be sampled and any corrective actions to be taken to ensure the well can be sampled in the future.

Date 2 /24///

Issued by:

Nancy C. Marker

Environmental Program Manager II

Solid and Hazardous Waste Management Branch

NCM: MAF: tcg MAF1106.doc

STATE OF DELAWARE DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENTAL CONTROL DIVISION OF AIR & WASTE MANAGEMENT

IENT

SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

TELEPHONE: (302) 739-9403 FAX No.: (302) 739-5060

89 Kings Highway Dover, Delaware 19901

April 28, 2011

Mr. Paul Lane Clean Earth of New Castle, Inc. 94 Pyles Lane New Castle, DE 19720

Subject:

Issuance of Resource Recovery Permit SW02b16

Reference:

File Code 02.B

Dear Mr. Lane:

The Department of Natural Resources & Environmental Control in is receipt of your request to change the name of the permittee on Resource Recovery Permit SW02A16 from Clean Earth of New Castle, Inc. to Clean Earth of New Castle, LLC. Enclosed is the amended permit, which has an immediate effective date. Please maintain a copy of the permit at the facility.

If you have any questions please contact Melissa Ferree at 302.739.9403.

Sincerely,

Nancy C/Marker

Environmental Program Manager II

may C. Marker

Solid and Hazardous Waste Management Branch

NCM: MAF: tcg MAF1121.doc

Attachment

LTTD & Waste Disposal - Facility D

ESMI

Environmental Soil Management of NY, LLC 304 Towpath Road Fort Edward, NY 12828



ENVIRONMENTAL SOIL MANAGEMENT, INC of NH/NY Generator Waste Profile

ESMI Customer:		Purc	hase Orde	r#
Customer Address:	City:	State):	Zip:
Contact:	Tel:		Fax:	
Site Contact:	Tel/Cell:		Pager:	
Site Name:	Proper	ty Owner	r's Tel:	
Site Address:	City:	State	:	Zip:
History of Site Use: Residential Comme	ercial Industrial	Other		
If commercial, industrial or other, please describe histo	ory of site:			
Event/process generating waste: Leaking UST	Leaking AST Surface Sp	oill 🔲 o	ther(describ	be):
Waste Material Description: Soil/media is contain	ninated with: (Initial and Che	ek)		
NON-HAZARDOUS, <i>VIRGIN PETROLEUM</i> #2, #4, #6 Fuel Oil Diesel Fuel Gas Kerosene Mixed Fuels (gas/fuel oil) Petro	soline	il 🗌 Mo		White Oil
NON-HAZARDOUS, NON-VIRGIN PETROL Used Oils Grease/Lubes Used Animal/Ve Lubricating Oils Metal Working Oils Indus Transformer Oil (non-PCB) Urban Fill	egetable/Tall Oils	Petrola		
NON-HAZARDOUS, <i>COAL TAR or PCB</i> CO Coal Tar PCB's (<50ppm that are not a Tremediation (also check contaminant)) 🗌 Dre	edged Soil	from upland
Are there any known or suspected past releases of contaminants other than the above listed? NO YES If YES, Specify:				
Approximate Tonnage:				
Physical Characteristics: %Gravel%Sand Describe Debris:	_%Clay/Silt% H20	%De	bris	∑=100%
I hereby certify, to the best of my knowledge, (a) I am a responsible official of the generator, (b) that the sampling requirements, pursuant to Env-Or 611.04(NH only), and any additional sampling required by the state of origin, has been adhered to, (c) that the information provided in the profile is correct and complete, (d) that the transport, treatment and recycling of the contaminated materials do not violate any laws or regulations of the state of origin.				
Signature:	Date	:		
Typed/Printed Name:	Company:			
Check One: Owner: Generator: Contractor:	☐ Consultant: ☐ Other (ex	kplain)_		

Acceptance of all projects is predicated on the review of this form and the analytical results of the material to be received.

ESMI of NH

67 International Drive Loudon, NH 03307

Ph: 603.783.0221 Fax: 603.783.0104

ESMI of NY

304 Tow Path Rd Fort Edward, NY 112828 Ph: 518.747.5500

Fax: 518.747.1181

Environmental Soil Management of New York

304 Towpath Road, Fort Edward, New York 12828 Phone: 518.747.5500 www.esmicompanies.com

		TPH 8015 GRO/DRO	Total VOC's 8260B	Total SVOC's 8270C	Total PCB's 8080	Total Metals PPM* 6010B	Total Cyanide 9010	Percent Sulfur EPA D129-64	<i>BTU</i> **** ASTM D240-87
	Virgin Contaminanted Soils								
	Residential Approval								
	Conventional Fuels (Gas, Diesel, Fuel Oil, Jet)	Х							
	Mixed Conventional Fuels	Х							
	Animal, Vegetable, Tall Oils	Х							
	Petroleum Solvents	Х							
	Waxes and Petrolatum	Х	X	X					
_									
- -	NYSDEC Directed Virgin Spill Remediations Non-Virgin Contaminated Soils	X**							
- -	Non-Virgin Contaminated Soils Used oil, Greases, Lubricants Petroleum Solvents	X X	X X	Х	X X	X* X*			
- -	Non-Virgin Contaminated Soils Used oil, Greases, Lubricants Petroleum Solvents Used Animal, Vegetable, Tall Oils	х		х					
-	Non-Virgin Contaminated Soils Used oil, Greases, Lubricants Petroleum Solvents Used Animal, Vegetable, Tall Oils Coal Tar/PCB/Urban Fill	X X X		X	Х				
-	Non-Virgin Contaminated Soils Used oil, Greases, Lubricants Petroleum Solvents Used Animal, Vegetable, Tall Oils Coal Tar/PCB/Urban Fill Transformer Oil	X X X		X	X				
-	Non-Virgin Contaminated Soils Used oil, Greases, Lubricants Petroleum Solvents Used Animal, Vegetable, Tall Oils Coal Tar/PCB/Urban Fill Transformer Oil Electrical Oils	X X X	X		X X X	X*			
o _	Non-Virgin Contaminated Soils Used oil, Greases, Lubricants Petroleum Solvents Used Animal, Vegetable, Tall Oils Coal Tar/PCB/Urban Fill Transformer Oil	X X X		X X X	X		X	Х	X

Sampling Frequency

Composites are to be made of 3-5 Grabs

■ 1st Composite Sample for the first 150 To	ne iirst 150 Toni	ior t	Sarripie	omposite	181	_
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☐ 2nd Composite Sample for the first 300 Tons

☐ 3rd Composite Sampe for the first 750 Tons

1 Addition Composite per every additional 750 Tons

Acceptance of all projects are subject to the completion and review of a completed "PROFILE SHEET", the criteria noted above, and approval as granted by ESMI At the discretion of the facility, additional lab analysis may be required for project acceptance.

If analytical demonstrates an analyte concentration that exceeds the RCRA 20X's Rule, ESMI will require a TCLP for the analyte prior to acceptance.

Listed Organic Hazardous Waste may be Accepted with a NYSDEC "Contained-Out" Ruling

- Total Metals- Non Industrial Sites: 8 Total Metals (Arsenic, Barium, Cadmium, Chromium (Total), Lead, Mercury, Selenium, Silver)
- Total Metals-Industrial Sites: 8 Metals Noted Above PLUS Antominy, Beryllium, Nickel, Thallium, Vanadium, Zinc
- ** Require TPH when Characterization is Waived by a NYSDEC Spill Representative (Can be completed by ESMI)
- *** If associated with a Coal Tar/MGP Remediation Project

**** MDL of 100 BTU/LB

5-20-6 (10/90)-25c	NE	W YORK STATE DEPARTMENT OF EN	IVIRONMENTAL CONSERVATION		
DEC PERMIT NUME	BER		EFFEC	CTIVE DATE	
5-5330-0003	88/00019	=	July	25, 200	05 (modified Jan. 18, 2006
FACILITY/PROGRA	M NUMBER(S)	DEDM	EXPIR	RATION DAT	Ε
58Z01		PERN Under the Environmental Con	The second second	ust 24,	2015
30201			Meg	00127,	2010
	TYPE OF PERMIT (Check all A		t to Construct Permit	to Operat	е
Article 15 Protection	, Title 5: n of Water	Article 17, Titles 7, 8: SPDES			Title 9; 6 NYCRR 373: s Waste Management
Article 15, Water Su		Article 19: Air Pollution Control		Article 34: Coastal E	rosion Management
Article 15, Water Tra		Article 23, Title 27: Mined Land Reclamati		Article 36: Floodplain	Management
Article 15, Long Islar		Article 24: Freshwater Wetlands			3, 17, 19, 27, 37; 380, Radiation Control
Article 15, Wild, Sce	, Title 27: nic and Recreational Rivers	Article 25: Tidal Wetlands		Other:	
6 NYCRR Water Qu	608: ality Certification	Article 27, Title 7; 6 NY Solid Waste Managem			
Environment	то al Soil Management of New	v York, LLC			TELEPHONE NUMBER (518) 747-5500
ADDRESS OF PI	ERMITTEE				
INTERNATION IN COLUMN	Road, Fort Edward, NY 1:	2828			TELEPHONE NUMBER
Mr. Pete Har					(518) 747-5500
ESMI of New	RESS OF PROJECT/FACILITY / York				
	ROJECT/FACILITY Road, Fort Edward, NY 12	2828			
OUNTY			VATERCOURSE/WETLAND	NO.	NYTM COORDINATES
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er year of no general and sp	low temperature thermal den-hazardous contaminated pecial conditions.	soil. Operation will be in	accordance with 6 NYC	CRR Pai	rt 360 and the attached
pplicable reguermit.	of this permit, the permittee ulations, the General Condit	ions specified (See Rever	contingent upon strict (se Side) and any Specia	complia I Condit	nce with the ECL, all ions included as part of th
EPUTY REGION Valter L. Hayr	NAL PERMIT ADMINISTRATOR	ADDRESS 232 Golf Course Roa	ad, PO Box 220, Warrer	nsburg.	NY 12885-0220
UTHORIZED SI			ATE February 1, 2		Page 1 of 14

GENERAL CONDITIONS

Inspections

1. The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3). A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site. Failure to produce a copy of the permit upon request by a Department representative is in violation of this permit.

Permit Changes and Renewals

- 2. The Department reserves the right to modify, suspend or revoke this permit when:
 - the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
 - b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
 - c) new material information is discovered; or
 - d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.
- The permittee must submit a separate written application to the Department for renewal, modification or transfer to
 this permit. Such application must include any forms, fees or supplemental information the Department requires. Any
 renewal, modification or transfer granted by the Department must be in writing.
- 4. The permittee must submit a renewal application at least:
 - 180 days before expiration of permits for State Pollutant Discharge Elimination System (SPDES), Hazardous Waste Management Facilities (HWMF), major Air Pollution Control (APC) and Solid Waste Management Facilities (SWMF); and
 - b) 30 days before expiration of all other permit types.
- Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any
 order or determination previously issued by the Department or any of the terms, conditions or requirements contained
 in such order or determination.

Other Legal Obligations of Permittee

- 6. The permittee has accepted expressly, by the execution of the application, the full legal responsibility for all damages, direct or indirect, of whatever nature and by whomever suffered, arising out of the project described in this permit and has agreed to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from this project.
- 7. This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.
- The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required for this project.



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ADDITIONAL CONDITIONS

SPECIAL CONDITIONS FOR ESMI OF NEW YORK ARTICLE 27, TITLE 7, 6 NYCRR 360 - SOLID WASTE MANAGEMENT

GENERAL

1. SUBMITTALS

Unless otherwise specified, all submissions required by these special solid waste management conditions shall be made in duplicate to the Region 5 office of the Department of Environmental Conservation (P.O. Box 220, Warrensburg, NY 12885), to the attention of the Solid & Hazardous Materials Office.

2. OPERATIONAL CONFORMANCE

Operation of the facility shall be in strict conformance with the provisions of this permit and 6 NYCRR Part 360 (effective 3/10/03), and the Part 360 Permit Application Operating and Maintenance (O&M) Manual dated 9/16/02. [In any instances where the O&M Manual/Waste Analysis Plan differs from Part 360 or these Permit Conditions, Part 360 and these conditions take precedence.]

3. ACCEPTABLE SOIL CONTAMINANTS

The Permittee shall only accept NON-HAZARDOUS, NON-TSCA soil contaminated with the following:

Fuels: gasoline, diesel fuel, kerosene, jet fuel (JP-1, 2, 4, 5, and 8), fuel oils (1-6, 1-D,

2-D), Bunker C

♦ White Oil: Seal oil, white oil

◆ Lubricating Oils: Hydraulic oil, bearing oil, gear oil, penetrating oil, spindle oil, spray oil

Metalworking Oils: Cutting oil, cooling oil

♦ Electrical Oil: Non-TSCA transformer oil, cooling oil, mineral oil

(Containing <1 ppm PCBs)

Petroleum Greases

+ Petroleum Solvents: Butyl Alcohol*, Ethyl Alcohol, Hexane, Naptha, Toluene*, Mineral Oil,

Cyclohexane, Ethyl Benzene*, Methyl Alcohol*, Propyl Alcohol, Xylene*, Petroleum Distillate, Stoddard Solvent, Petroleum Naptha, Mineral Spirits,

Petroleum thinner, Tetrachloroethylene*, Trichloroethylene*, 1,1,1 trichloroethane*, Methylene chloride* (*non-hazardous waste only)

trichloroethane*, Methylene chloride* (*non-hazardous waste only)

Natural Waxes: Animal (beeswax, lanolin, shellac wax), Vegetable (carnauba, candelilla,

bayberry, sugar cane), Mineral (oxocerite, ceresin, montain), Petroleum

(paraffin, microcrystalline)

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Synthetic Waxes

and Plasticizers:

Polyethylene wax, Ethylene Copolymer Wax, Carbowaxes, Gersthofen Waxes, Polyhydric alcohol Esters, Waxy Ketones, Fatty Acid Amides, Imide Waxes, Polyol Ether Esters, Cellose Esters, Phthalates, Ethylene Glycol,

Castor Oil, Camphor

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Animal Oils:

Neatsfoot, Beef Tallow, Cod-liver Oil, Butterfat Oil, Herring Oil, Lard Oil,

Tanners Oil

Vegetable Oils:

Oiticica Oil, Castor Oil, Coconut Oil, Cottonut Oil, Groundnut Oil, Linseed Oil, Olive Oil, Palm Kernel, Palm Oil, Perilla Oil, Poppyseed Oil, Rapeseed Oil, Resin Oil, Safflower Oil, Sesame Oil, Soybean Oil, Sunflower Oil, Peanut Oil,

Tucum Oil, Tung Oil, Esters and Fatty Acids, Turbine Oil, Corn Syrup,

Carnauba Wax, Molasses, Croton Oil, Almond Oil, Tall Oil

Industrial Oils:

Absorption Oil, Range Oil, Railroad Diesel, Marine Oil, Natural Gas Engine Oil

Vaseline™, Stanolene, Petroleum Jelly, Vasolint, Filtrolatum, Filtrosoft, Kremoline, Pureline, Sherolatum, Stanolind, Saxoline, Cosmoline

Petrolatum:

Historic Fill, Coal/wood ash fill

Urban Fill: Coal:

Bituminous, Anthracite, Lignite

Coal Tar:

Coal Tar, Coal Tar Residues, Roofing Tar, Asphalt, Pitch

4. ACCEPTANCE RESTRICTIONS

The Permittee shall NOT accept for treatment the following materials at the facility:

- Any media which is NOT predominantly soil
- Dredge Materials that are not incidental to remedial actions involving contaminated upland (non-water)
- Soils that were previously characteristic hazardous wastes
- Casting/Foundry Sands
- Hazardous Wastes
- Infectious Wastes
- Free Liquids
- Radioactive Wastes
- Sorbents (except those combined with soil as part of a spill clean-up)
- Processed C&D Debris
- Putrescible Waste

5. PRE-ACCEPTANCE

Prior to accepting any contaminated soil, Permittee must receive from the generator results from analyses performed in accordance with Attachment 1.

Soils contaminated by listed organic hazardous waste and "contained-out" by NYSDEC at the generator's site may be transported to ESMI for thermal treatment; after treatment the soil must not exceed TAGM 4046 levels for organic constituents.

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Pre-acceptance testing in accordance with Attachment 1 is not required for quantities of soil less than 100 cubic yards (150 tons) which are removed from residential properties and are contaminated with virgin petroleum products (e.g., heating oil) only. These materials shall be analyzed in the facility's on site laboratory (gas chromatography scan or equivalent analytical method as approved in writing by the Department for use at ESMI) or at an off site laboratory prior to treatment. Prior to the material being accepted at the facility, the Permittee shall require a written certification from the property owner indicating the origin of the material and that the product spilled was a virgin petroleum product.

Pre-acceptance testing in accordance with Attachment 1 may be waived for soils from a remediation site that are certified by NYSDEC Spill Response staff to be contaminated with a virgin petroleum product. The Permittee shall maintain written correspondence, signed by NYSDEC personnel, stating that analytical requirements have been waived and that the material is contaminated with only a virgin petroleum product.

6. DREDGE MATERIALS

In accordance with an April 1, 2004 request from the Permittee, dredge materials associated with remedial actions involving contaminated upland sites may be treated. These materials will be considered "urban fill" for the pre-acceptance testing (Attachment 1), unless the contamination source is a coal/coal tar site, in which case the coal tar parameters will be used.

Prior to acceptance by Permittee, the dredged soil shall be dried or mixed with on-site soils destined for remediation at the point of generation. Prior to transport the mix must be greater than 75% solids with no free liquids. All pre-acceptance analytical testing must occur prior to mixing or drying the dredged soils.

7. ACCEPTANCE LIMIT - PCBs

Unless otherwise approved in writing by the Department, the Permittee shall not accept contaminated soil containing more than 1 ppm of PCBs.

8. STORAGE OF CONTAMINATED SOIL

Storage of unprocessed contaminated soil shall be within the storage building only and is limited to 7,000 tons. No untreated contaminated soil may be stored outside the facility. Upon approval of the construction of a second storage building as noted in Special Condition #20, storage limits for untreated soil will be 15,000 tons.

9. SOIL BLENDING

Contaminated soil may be blended only when necessary to facilitate treatment. No blending of soil to lower metals concentrations is allowed.

10. STORAGE OF TREATED SOIL

Storage of treated soil shall be managed as follows:

a. Any soil found to be unacceptable for reuse in accordance with Beneficial Use Determination 610-5-58 must be transported to an authorized solid waste management facility or utilized in accordance with another Beneficial Use Determination within 5 business days of treatment, unless extended storage is specifically approved by the Department in writing.

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- b. Any soil failing to meet the organics limits found in Attachment 3 must be returned to the storage building within 24 hours of receipt of analytical data for retreatment or disposed of in accordance with 6 NYCRR Part 360, unless the Permittee can adequately demonstrate to the Department that the soil was successfully treated and that the failure was a result of laboratory error.
- Stockpiling of treated soil meeting acceptable reuse criteria is limited to a maximum of 67,000 cubic yards.
- d. Outside storage of treated soil awaiting test results shall be in the "processed soil stockpile area" as shown on a map titled "Site Plan for a Soil Recycling Facility Environmental Soil Management of New York, LLC." prepared by D. A. Collins Construction Co., Inc. and dated September 17, 1998, unless otherwise approved in advance in writing by the Department.

11. TESTING OF TREATED SOIL

Analytical testing of treated soil shall be in accordance with Attachment 2.

12. HANDLING OF TREATED SOIL PRIOR TO ANALYSES

Post-treatment soil awaiting analyses shall be stockpiled in discrete piles. The maximum capacity of each soil pile shall be as follows:

- Virgin Fuel Soils Igasoline, diesel fuel, kerosene, jet fuel (JP-1,2,4,5 and 8), fuel oil (1-6, 1-D, 2-D), Bunker CI: 1500 tons
- All Other Soils: 1000 tons

Each soil pile shall be clearly marked in the field and the date of accumulation and sources of pre-treated soil recorded in a facility operating log and referenced to samples awaiting analyses. No soil shall be added to or retrieved from these piles until acceptable laboratory results are received.

13. REUSE OF TREATED SOIL

Treated soil may be beneficially used in accordance with a beneficial use determination granted pursuant to 6 NYCRR Part 360.

14. COMPLAINT LOG

The Permittee shall keep a log of the date and time of all complaints received by any employees regarding the operation of the facility. The log shall also indicate the complainant's name, address and phone number; a description of the problem(s) that generated the complaint; weather conditions at the time of the problem (if possible); and actions taken by the permittee to investigate and remediate problem(s). The log must be available for review by Department staff during normal business hours.

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15. WATER QUALITY MONITORING

Permittee shall annually collect samples from each of the three monitoring wells on site, as well as the detention pond. Samples shall be analyzed for volatile and semi-volatile organic compounds (full 8260 and 8270), and the other routine parameters shown in the Water Quality Analysis Table of 6 NYCRR Part 360-2.11(d)(6). Sampling and analysis must be performed in accordance with the New York State Department of Environmental Conservation Analytical Services Protocol (ASP), unless otherwise specified in this permit. All analyses must be performed by an ELAP-certified laboratory. As a result of the storage building construction referenced in Special Condition No. 20, this monitoring program may be modified by the removal of well MW-1A, and may further be modified by subsequent evaluation of groundwater conditions as detailed in Special Condition No. 20b.

16. CONTINGENCY PLAN

The Contingency Plan (Section 6 of the "Part 360 Permit Application Operating and Maintenance Manual" - See Special Permit Condition 2) must be evaluated annually and revised as necessary. Two copies of any revised Contingency Plan shall be provided to the Region 5 Solid & Hazardous Materials Office pursuant to Special Condition 1.

17. FINANCIAL ASSURANCE

Within 60 days of permit issuance, the Permittee must submit to the Department a closure cost estimate and an approvable form of financial assurance for the facility which is consistent with the provisions of Section 360-1.12. The financial assurance must be sufficient to cover the cost of facility closure as noted in Section 3.7 of the "Part 360 Permit Application Operating and Maintenance Manual" - see Special Permit Condition 2.

18. REPORTING, RECORD KEEPING

- a. An annual report must be submitted no later than 60 days after the first day of January for the prior calendar year's operation, on forms acceptable to the Department. This report must contain:
 - amount of contaminated soil received by weight or volume (compiled by waste type)
 - total quantity of contaminated soil received during each quarter
 - origin of the contaminated soil
 - a description of any operational changes that have occurred in the previous year
 - weight or volume of any material bypassed to an alternate solid waste management facility
 - origin and generator of any material rejected, and reason for rejection. This must be separated into material rejected at the gate, and material that was rejected following the receipt and review of completed "Preacceptance Project Information" and "Materials Acceptance Decision" forms.
 - volume of treated soil in storage at the end of the calendar year

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- All water quality monitoring results must be submitted to the Department within ninety (90) days after each sampling event.
- Quarterly Reports: Permittee shall submit quarterly reports within 30 days of the end of each calendar quarter detailing the amount of contaminated soil received by weight or volume (compiled by waste type); and a summary of all post-treatment verification sampling results.
- d. Operations Record Keeping

The following records shall be maintained on site:

- 1. Summary of waste treatment verification sample results;
- 2. Operating logs including shutdown events; and
- 3. Documentation on the retreatment or disposal of failed batches.

19. CLOSURE PLAN

Upon termination of use, the Permittee must close the facility in accordance with 6 NYCRR Part 360 and Section 3.7 of the "Part 360 Permit Application Operating and Maintenance Manual" - See Special Permit Condition 2). Closure must include the reuse or disposal of all treated material remaining on site.

20. Storage Building Expansion

In accordance with a September 7, 2006 report prepared by C. T. Male Associates, this permit authorizes construction of an additional storage building for untreated contaminated soil. This authorization is in subject to the following conditions:

- All piezometers must be protected from damage and maintained for subsequent groundwater elevation monitoring, except those piezometers that must be removed to allow construction of the building expansion.
- b. Following construction of the building expansion, groundwater elevation readings must be taken on at least a weekly basis from all piezometers and monitoring wells. Within seven months of completion of construction of the building expansion, Permittee must submit to the Department an updated evaluation of groundwater conditions, including representative groundwater contour maps which reflect the influence of the groundwater suppression system associated with the building expansion. This evaluation must include recommendations for any additional actions that may be necessary, such as further dewatering, modifications to the existing storage building and potential changes to the groundwater monitoring program, as discussed in the September 7, 2006 C.T. Male Groundwater Evaluation report.
- c. The current groundwater monitoring program, minus well MW-1A which will be removed to allow construction of the building expansion, must be maintained pending further evaluation of groundwater conditions following installation of the groundwater suppression system for the building expansion.

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- d. As-built drawings of the building expansion and the revised groundwater suppression system must be submitted to the Department for approval within 90 days of completion of building construction.
- e. Prior to receiving approval to utilize the additional storage capacity, Permittee must provide an updated surety instrument (per Special Condition No. 17) reflecting the revised closure estimate.
- f. Prior to receiving approval to utilize the additional storage capacity, Permittee must submit for approval a revised Operations and Maintenance Manual (referenced in Special Condition No. 2). This revised manual should include all updates to site operations and the contingency plan since the date of the last revision, and must include a plan for monitoring the secondary containment system for the building expansion. The contingency plan should be updated to address actions to be taken in the event fluid is discovered in the secondary containment system.

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ATTACHMENT 1

PRE-ACCEPTANCE SAMPLING

Sampling and analyses prior to delivery to ESMI shall be performed in accordance with Section 2.3 "Waste Acceptance" of the Waste Analysis Plan, except as modified by this permit. Sampling parameters must include at a minimum those identified in Table 1 below:

Contaminant Source	ТРН	Total Metals	VOC Total	SVOC Total	Total Cyanide	Percent Sulfur	PCBs Total
Analytical Methods (or equivalent method)	GC/FID	6010B	8260	8270	9010	D129-64	8082
Virgin Fuels	X						
Virgin animal, vegetable and tall oils	×						
Virgin petroleum solvents	×		Xa	Xa			
Used oils, greases, lubricants	×		×				Xc
Electrical Oils	X						Xd
Used Animal, vegetable & tall oils	×						
Waxes & Petrolatum	х		×	X			
Used Petroleum Solvents	х		×	х			Xc
Urban Fill	Х		×	Xp			Х
Coal and Coal Tars	×		X	×	X	X	Xn

Key:

- X*: VOCs and/or SVOCs need only be analyzed if they are present in the original solvent, or may have been introduced through the process
- Xb: Typically, only analysis for PAHs, not a full 8270 analysis, will be required. Perform a full 8270 analysis when site history indicates that non-PAH compounds may be present.
- X°: PCB testing is only required if any of the following are indicated on the site history: power company property, transformer pad, scrap yard, unknown industrial process site, Superfund site, or no knowledge of previous site history.
- X^d: For transformer spills, PCB testing is not required if the site history adequately documents that the transformer is "PCB free" certified.
- Xe: PCB testing is not required if previous, site specific PCB sampling data is available and acceptable to the Department.

ESMI OF NEW YORK

ATTACHMENT 2

POST-TREATMENT VERIFICATION SAMPLING

Sampling and analyses of treated soils shall be performed in accordance with Section 2.5 "Post Treatment Testing of Treated Soils" of the Waste Analysis Plan, except as modified by this permit. Sampling parameters must include at a minimum those identified in Tables 1 and 2 of Attachment 3, unless otherwise specified.

Contaminant Source	VOC Total	SVOC Total
Analytical Methods (or equivalent method)	8260 *8020 for Virgin Fuels only	8270
Virgin Fuels (gasoline, diesel fuel, kerosene, jet fuel (JP-1,2,4,5 and 8), fuel oil (1-6, 1-D, 2-D), Bunker Cl	Xa	Xª
Virgin animal, vegetable and tall oils	х	Х
Virgin petroleum solvents	х	х
Used oils, greases, lubricants	x	х
Electrical Oils	X	X
Used Animal, vegetable & tall oils	х	X
Waxes & Petrolatum	X	Х
Used Petroleum Solvents	х	X
Urban Fill	X	Х
Coal and Coal Tars	X	х

Key:

X³ - Typically, only analysis for compounds included in Table 1 of Attachment 3 will be required. Note: A full 8260 and 8270 analysis shall be performed on a 1500 ton batch of soil contaminated with a virgin fuel for every 15,0000 tons of virgin fuel soil processed at the facility

Sampling Frequency/Protocol

A. Virgin Fuels: {gasoline, diesel fuel, kerosene, jet fuel (JP-1,2,4,5 and 8), fuel oil (1-6, 1-D, 2-D), Bunker C}

Post-treatment sampling of soil contaminated with a virgin fuel will require collection of one (1) composite sample for each one hundred and fifty (150) tons of treated soil. Sample collection will be performed through the following process;

- Collect one (1) composite sample for each 150 tons of soil treated. Each composite sample will be comprised of a minimum of 3 to 5 grab samples taken from various locations throughout the soil pile. The volume of each grab sample will be a minimum of eight (8) ounces. Reserve composite samples.
- After ten (10) composite samples have been collected, pass all sample material through a 2-inch screen and combine all sample material to create a 1500 ton composite sample.
- 7. From the 1500 ton composite sample, collect two (2) representative subsamples of appropriate size for shipment to the laboratory. The subsamples should be obtained by taking a full core or "slice" of equal proportions through the mixed composite. The "slices" may then need to be riffled or coned and quartered. Send the composite samples to ELAP-certified laboratory for organics analyses. In the case of treatment batches of less than 1500 tons, two (2) representative subsamples are still required for analyses.

B. All Other Acceptable Soil Contaminants:

Post-treatment sampling of soil contaminated with other than a virgin fuel will require collection of one (1) composite sample for each one hundred (100) tons of treated soil. Sample collection will be performed through the following process;

- Collect one (1) composite sample for each 100 tons of soil treated. Each composite sample will be comprised of a minimum of 3 to 5 grab samples taken from various locations throughout the soil pile. The volume of each grab sample will be a minimum of eight (8) ounces. Reserve composite samples.
- After ten (10) composite samples have been collected, pass all sample material through a 2-inch screen and combine all sample material to create a 1000 ton composite sample.
- 3. From the 1000 ton composite sample, collect two (2) representative subsamples of appropriate size for shipment to the laboratory. The subsamples should be obtained by taking a full core or "slice" of equal proportions through the mixed composite. The "slices" may then need to be riffled or coned and quartered. Send the composite samples to ELAP-certified laboratory for organics analyses. In the case of treatment batches of less than 1000 tons, two (2) representative subsamples are still required for analyses.

Post-Treatment Soil Handling Prior to Receipt of Analytical Results

Post-treatment soil awaiting analyses shall be stockpiled in discrete soil piles. The maximum capacity of each soil pile shall be as follows:

- Virgin Fuel Soils {gasoline, diesel fuel, kerosene, jet fuel (JP-1,2,4,5 and 8), fuel oil (1-6, 1-D, 2-D), Bunker
 C}: 1500 tons
- All Other Soils: 1000 tons

Each soil pile shall be clearly marked in the field and the date of accumulation and sources of pre-treated soil recorded in a facility operating log and referenced to samples awaiting analyses. No soil shall be added to or retrieved from these piles until acceptable laboratory results are received. Any soil failing to meet the organics limits found in Attachment 3 must be returned to the storage building within 24 hours or receipt of analytical data for retreatment or disposed of in accordance with 6 NYCRR Part 360, unless the Permittee can adequately demonstrate to the Department that the soil was successfully treated and that the failure was a result of laboratory error.

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ATTACHMENT 3

TABLE 1 - STARS COMPOUNDS - CLEAN SOIL GUIDANCE VALUES

COMPOUND	CATEGORY 1 TCLP Extraction Guidance Value (uL/L)		CATEGORY 3 Human Health Guidance Value (ug/kg)¹		
Acenaphthene	20	400	5.0 x 10 ⁶		
Acenaphthylene	50	1000	***		
Anthracene	50	1000	2.0 x 10 ⁷		
Benzene	1.0	20	2.4 x 10 ⁴		
Benzo(a)anthracene	31	330	220		
Benzo(a)pyrene	10	330	61		
Benzo(b)fluoranthene	19	330	220		
Benzo(k)fluoranthene	10	330	220		
Benzo(g,h,i)perylene	10	330	***		
Chrysene	10	330	***		
Dibenza(a,h)anthracene	50	1000	14		
1,2 Dichlorobenzene	5	100	7.0 x 10 ⁶		
1,4 Dichlorobenzene	5	100	2.9 x 10 ⁴		
Di-n-butylphthalate	50	1000	8.0 x 10 ⁶		
Ethylbenzene	5	100	8.0 x 10 ⁶		
Fluoranthene	50	1000	3.0 x 10 ⁶		
Fluorene	50	1000	3.0 x 10 ⁶		
Hexachlorobenzene	0.35	7	410		
Indeno (1,2,3-cd)pyrene	10	330	***		
2-Methylnaphthalene	50	1000	***		
Naphthalene	10	200	3.0 x 10 ⁵		
Nitrobenzene	5	100	4.0 x 10 ⁴		
Phenanthrene	50	1000	***		
Pyrene	50	1000	2.0 x 10 ⁶		
Toluene	5	100	2.0 x 10 ⁷		
Xylenes	5	100	2.0 x 10 ⁸		

¹These values are from EPA HEAST Report. A value of *** signifies that no Guidance Value has been identified for that compound in this report.

TABLE 2 - TAGM 4046 COMPOUNDS - SOIL CLEANUP OBJECTIVES

COMPOUND	CLEANUP OBJECTIVE (ppm, mg/kg)
Acetone	0.2
2-Butanone (methyl ethyl ketone)	0.3
Carbon tetrachloride	0.6
Chlorobenzene	1.7
Chloroethane	1.9
1,3-Dichlorobenzene	1.6
1,1-Dichloroethane	0.2
1,2-Dichloroethane	0.1
1,1-Dichloroethene	0.4
1,2 Dichloroethene (trans)	0.3
Methylene chloride (Dichloromethane)	0.1
Tetrachloroethene	1,4
1,1,1-Trichloroethane	0.8
1,1,2,2-Tetrachloroethane	0.6
Trichloroethene	0.7
Vinyl chloride	0.2
bis(2-ethylhexyl) phthalate	50
butylbenzyl phthalate	50
Diethyl phthalate	7.1
Dimethyl phthalate	2.0
Di-n-octyl phthalate	50
Pentachlorophenol	1.0
Phenol	0.03

NOTE: Laboratories are required to report J-qualified values. As defined in the NYSDEC Analytical Services Protocol (ASP), J-qualified values are estimated values which are reported when the data indicate the presence of a compound at a level greater than zero but less than the sample quantitation limit. For example, if the sample quantitation limit is 10 µg/L, but a concentration of 3 µg/L is calculated, it must be reported as 3J - not non-detect. J-qualified values will be considered confirmation of the presence of contaminant(s).

For the purpose of this permit, any J - qualified value above:1.) The acceptance thresholds in either Table 1 or Table 2 of this attachment or 2.) 110% of the MDL, as determined by a Department approved MDL study, whichever is greater, shall constitute unacceptable treatment, with the soil managed in accordance with Special Permit Condition 9b.

Where the acceptance threshold or cleanup objective is below 110% of the method detection limit (MDL), achieving non-detect at 110% of the MDL will be considered acceptable for meeting the Guidance Value. Each laboratory (NYSDOH ELAP certified) performing post-treatment sampling analysis must establish MDL values. Before the MDL values can be used as acceptable soil cleanup Guidance Values, the Department must approve the laboratory's MDL study.

Acceptable treatment will be confirmed by analytical data demonstrating contaminant levels below the levels shown on Tables 1 and 2 above. For Table 1, the sample must pass the criteria set in either Categories 2 and 3 or Categories 1 and 3 for each compound listed.

LTTD & Waste Disposal - Facility F

Bayshore Soil Management 75 Crows Mill Road Keasbey, NJ 08832



State of New Jersey

CHRIS CHRISTIE

Governor

KIM GUADAGNO Lt. Governor DEPARTMENT OF ENVIRONMENTAL PROTECTION Mail Code 401-02C

DEP Climate & Environmental Management Solid and Hazardous Waste Management Program P.O. Box 420

Trenton, New Jersey 08625-0420 Telephone: (609) 633-1418 Telecopier: (609) 633-9839 http://www.state.nj.us/dep/dshw BOB MARTIN Commissioner

SOLID WASTE FACILITY PERMIT

Under the provisions of N.J.S.A. 13:1E *et seq*. known as the Solid Waste Management Act, this permit is hereby issued to:

MONTECALVO DISPOSAL SERVICES, INC.

Facility Type:

Transfer Station and Materials Recovery Facility (TS/MRF)

Lot & Block Nos.:

Lots 1, 1B, 1R, 2, 2B and 2C, Block 51

Municipality:

Township of Woodbridge

County:

Middlesex

Permit Activity No.:

197408

Permit No.:

TRP100001

This permit is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection (Department).

This permit shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, floodway or flood hazard area, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979 or the Highlands Water Protection and Planning Act of 2004, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection.

May 31, 2011

Issuance Date

May 31, 2016

Expiration Date

Anthony Fontana, Chief

Bureau of Transfer Stations &

Recycling Facilities



P.O. Box 290 • 75 Crows Mill Road • Keasbey, NJ 08832 P: (732) 738-6000 • F: (732) 738-0620 • <u>www.bayshorerecycling.com</u>

Bayshore Soil Management, LLC Generator Waste Profile

BSM Customer:					
Customer Address:		City:		_ State:	Zip <u>:</u>
Contact:	Tel: <u>(</u>)	Fax: <u>(</u>)	
Site Contact:	Tel/Cell: <u>(</u>)	Pager_(_)	
Site Name:		Property O	wner's Phone: (_)	
Site Address:		City:		State:	Zip:
History of Site Use : □ Residential □ C	ommercial □ Industrial				
If commercial or industrial, please descri	ibe history of site:				
Event/process generating waste: □ Leak	ing UST □ Leaking AS	ST □ Surface Sp	oill □ other (desc	ribe) <u>:</u>	
Waste Material Description: Soil/medi					
NON-HAZARDOUS, VIRGIN PH					
\square #2, #4, or #6 Fuel Oil \square Diesel \square	Fuel □ Gasoline □ Mot	tor oil □ Hydraı	ılic Oil □ Mixed	Fuels (gas	s/fuel)
NON-HAZARDOUS, NON-VIRG	GIN PETROLEUM CO	NTAMINATED	SOIL		
\square Used Motor Oil \square Waste Oil \square	Metal Cutting/Cooling	Oils □Hydraul	ic Oil □Urban F	ill □ Virgi	n Solvent
☐ Electric Oil/MODF ☐ Used So	olvent □Grease □ Wax	☐ Animal/Vege	etable Oil		
NON-HAZARDOUS, COAL TAR	Or PCB CONTAMINA	ATED SOIL			
□ Coal Tar					
Are there any known or suspected releas If YES, Specify				YES	
Approximate Tonnage					
Physical Characteristics: %Clay	_% H20 %Deb	oris Des	scribe Debris		
I hereby certify, to the best of my knowledge	, (a) I am a responsible off	icial of the genera	ator, (b) that the sa	mpling prot	ocol, as outlined,
has been adhered to, (c) that the information	provided in the profile is c	orrect and comple	ete, (d) that the tran	sport, treat	ment and recycling
of the contaminated materials do not violate a	any laws or regulations of	the state of origin			
Signature:					
Typed/Printed Name:		Company	r:		
Check One: Owner Generator	ContractorConsul	ltantOther	(explain)		-

Acceptance of this material is based on review and approval of this profile, required analytical results and soil physical inspection.



Bayshore Soil Management, LLC

75 Crows Mill Road ~ PO Box 290 ~ Keasbey, New Jersey 08832 Phone: 732.738.6000 ~ Fax: 732.738.0620 www.bayshorerecycling.com

Total VOC's

8260B

Total SVOC's

8270C

Total PCB's

8080

Total Metals PPM

6010B

Sulfur

See Sampling

Homeowners Cert

Signed

Paint Filter Mercury

7471

9095

QAM-025 or EPH* Below **Petroleum Contaminated Soils** Residential Approval Χ X Residential Up to 20 Cubic Yards Residential Above 20 Cubic Yards Follow Criteria Set Forth Under Commercial/Industrial Approval Commercial/Industrial Approval Χ Χ Χ X X Approval Up to 100 Cubic Yards X Per every 100 Cubic Yards after Approval Χ Χ Χ Χ X Per every 800 Cubic Yards after Approval Coal Tar / MGP Soils Approval (Up to 500 Cubic Yards) X X Χ X X X Χ Χ X Х Χ Χ X X Per every 500 Cubic Yards after Approval Sampling (See Note Below) Petroleum Contaminated Soils C5-100 C8 C8 C8 C8 Coal Tar / MGP Soils C5-500 C5-500 C5-500 C5-500 C5-500 C5-500 C5-500 Sulfur: Accepted Methodologies: ASTM D129, ASTM 3176, 3177, 4239 and D2622 (Methods 426C,428A); EPA SW-846 6010B, or 6020 TPH: Accepted Methodologies for Diesel Range contamination: 8015 DRO, QAM-025, EPH; Gasoline range contamination: 8015 GRO Sampling Note: □ C5-100: A "representative sample" of every 20 Cubic Yards composited for every 100 Cubic Yards (150 Tons) □ C5-500: A "representative sample" of every 100 Cubic Yards composited for every 500 Cubic Yards (750 Tons)

- Acceptance of all projects are subject to the completion and review of a completed "PROFILE SHEET", the criteria noted above, and approval as granted by Bayshore Soil Management, LLC.
- * Sampling analysis for "Historic Fill" will include parameters listed in the NJSRS and TPH
- * At the discretion of the facility, additional lab analysis may be required for project acceptance. Soils originating from substations/generating stations, analysis for PCBs and SVOCs are requested.
- * If analytical demonstrates an analyte concentration that exceeds the RCRA 20X's Rule, BSM will require a TCLP for the analyte prior to acceptance.
- * It should be noted that soil with moisture content in excess of 18% per ASTM Standard Test Method D 2216-05, will be subject to a surcharge.
- * The amount of debris acceptable is 1% by volume; and any stone, brick, block and/or concrete should be 12 inch minus.

□ C-8: A "representative sample" of every 100 Cubic Yard composited for every 800 Cubic Yards (1200 Tons)

TPH

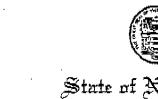
8015 GRO/DRO

Other - Waste Disposal - Transfer Station

Clean Earth of Carteret

24 Middlesex Avenue Carteret, NJ 07008

Acting Commissioner



DEPARTMENT OF ENVIRON

Post-it* Fax Note 7671	Date 5//2/2010 pages ► 23
To Arer. (Rance	From Soe Stans
Co/Dept. CEC	CO. NIDEP
Phone #(215) 734-1400	Phone #609 984-2209
Fax # (261) 803-1782	Fax #

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor

Solid and Hazardous Waste Management Program Bureau of Transfer Stations & Recycling Facilities

> P.O. Box 414 401 East State Street Trenton, New Jersey 08625-0414

Telephone: (609) 984-5950 Telecopier: (609) 633-9839

http://www.state.nj.us/dep/dshw

May 12, 2010

Thomas J. Kushnir General Manager Clean Earth of Carteret, Inc. 24 Middlesex Avenue Carteret, NJ 07008

Re:

Modification of a Class B Recycling Center General Approval

Clean Earth of Carteret, Inc.

Block 1, Lot 302

Borough of Carteret, Middlesex County

Facility ID No: 132310 Permit No.: CBG080002

Dear Mr. Kushnir:

Please be advised that the New Jersey Department of Environmental Protection, Solid & Hazardous Waste Management Program has reached a final determination to modify the Recycling Center General Approval for the referenced facility. Enclosed is a copy of the final document.

Should you wish to contest any of the conditions of the enclosed general approval, you must file a request for an adjudicatory hearing within twenty (20) days of the date you receive this decision notice in accordance with the procedures found in N.J.A.C. 7:26A-3.14. A copy of the request should also be mailed to this office.

If you have any questions concerning this matter, please contact Joseph Staab of my staff at (609) 984-6814, or by email at joseph.staab@dep.state.nj.us.

Sincerely.

Anthony Fontana, Chief Bureau of Transfer Stations and Recycling Facilities

Enclosures

C: Rai Belonzi, Chief, County Environmental and Waste Enforcement
Brian Petitt, Supervisor, County Environmental and Waste Enforcement
Bruce Witkowski, Supervisor, Solid Waste Permitting
David Papi, Director, Middlesex County CEHA Agent
Chris Sikorski, Middlesex Recycling Coordinator
Kathleen M. Barney, Borough of Carteret Municipal Clerk
Averil Rance, VP of Envir. Health & Safety, Clean Earth of Carteret, Inc.



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

CHRIS J. CHRISTIE
Governor

Solid & Hazardous Waste Management Program
P.O. Box 414 401 East State Street
Trenton, New Jersey 08625-0414
Telephone: (609) 984-5950 Telecopier: (609) 633-9839
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BOB MARTIN

RECYCLING CENTER GENERAL APPROVAL FOR CLASS B RECYCLABLE MATERIALS, STREET SWEEPINGS AND PETROLEUM CONTAMINATED SOIL

Under the provisions of N.J.S.A. 13:1E-1 et seq. and N.J.S.A. 13:1E-99.11 et seq., known as the Solid Waste Management Act and New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 et seq., known as the Recycling Regulations, this approval is hereby issued to:

Clean Earth of Carteret, Inc.

Facility Type:

Recycling Center for Class B Materials

Lot No.:

3.02 1

Block No.:

Borough of Carteret

Municipality: County:

Middlesex

Facility ID No.:

Middlesex

Permit No.:

CBG100002

This General Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection (Department).

This General Approval shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection.

March 7, 2007

Issuance Date

Anthony Fontana, Chief

May 12, 2010

Bureau of Transfer Stations and

Modification Date

Recycling Facilities

March 7, 2012

Expiration Date

Scope of Approval

This General Approval (approval), along with the referenced application documents herein specified, shall constitute the sole approval of Recycling Center operations for Class B Recyclable Material (petroleum contaminated soil, street sweepings, brick, block, concrete, stone, rock, and asphalt) by Clean Earth of Carteret, Inc. located in the Borough of Carteret, Middlesex County, New Jersey. Any registration, approval or permit previously issued by the Solid and Hazardous Waste Management Program, or its predecessor agencies, for the specific activities as described below and as conditioned herein, is hereby superseded.

This approval is a modification of the General Approval issued on March 7, 2007.

May 12, 2010

This modification allows Clean Earth of Carteret, Inc to receive, process/treat (inside the building) and transfer source separated recyclable materials 24 hours per day, 7 days per week. However, the operation of the Crusher is limited to: Monday through Friday, from 7:00 a.m. to 7:00 p.m., and Saturdays from 7:00 a.m. to 4:00 p.m.

Regulated Activities at the Facility

Items 1 through 39 of this approval contain the general conditions applicable to all recycling centers. Items 40 through 88 of this approval contain the general operating requirements for all recycling centers that receive, store, process, or transfer Class B recyclable materials including non-hazardous petroleum contaminated soils. Items 89 through 92 of this approval are the sampling requirements for testing the street sweepings.

Items 93 through 102 and 103 through 112 of this approval contain the conditions for Phase 1 & 2 of the aggregate crushing operations, respectively. In Phases 1 & 2 of the crushing operations, Clean Earth of Carteret, Inc. will be producing a dense grade aggregate (DGA) in support of the proposed Reichold Chemical remedial capping project for the site that is being completed under an ISRA Site Remedial Action Workplan. To accommodate the construction of the cap, two temporary phases are needed which allows the crushing operations and temporary stockpile areas to be moved within the site.

Items 113 through 120 of this approval contain the conditions for the Final Phase of the aggregate crushing operations. The Final Phase of the crushing operations allows Clean Earth of Carteret, Inc, to continue to accept and process these Class B materials on a permanent basis and marketing the end product offsite.

Facility Description

The recycling center is a Class B facility owned and operated by Clean Earth of Carteret, Inc. The recycling center is located at 24 Middlesex Avenue on Block 1, Lot 3.02, in Borough of Carteret, Middlesex County. This regional recycling center receives petroleum-contaminated soil from soil remediation contractors and street sweepings from municipalities. The recycling center is authorized to accept petroleum-contaminated soil and street sweepings Monday through Sunday and to process petroleum contaminated soil within their building Monday through Sunday. The recycling center is authorized to receive and transfer brick, block, concrete, stone,

rock, and asphalt Monday through Sunday, but limited in crushing/processing these materials to Monday through Friday from 7:00 a.m. to 7:00 p.m., and Saturdays from 7:00 a.m. to 4:00 p.m..

The recycling center is also utilized for finished product storage and equipment storage as shown on the site plan. The recycling center markets clean soil and DGA from the site.

Approved General Approval Application and Associated Documents

The registrant shall construct and operate the facility in accordance with N.J.A.C. 7:26A-1 et seq., the conditions of this Approval, and the following documents:

- a) Site plan: Sheets SP1 and A1, prepared by Leonard Busch Associates, signed and sealed by Leonard Busch, P.E., NJ License No. 9531, dated October 13, 2000.
- b) S.D.&G. Aggregates, Inc., Application for Recycling Center General Approval, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated March 1, 1996.
- c) S.D.&G. Aggregates, Inc., Addendum to the March 1, 1996 recycling center application, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated April 17, 1996.
- d) S.D.&G. Aggregates, Inc., Submission of Middlesex County Board of Chosen Freeholders Solid Waste Plan Amendment Resolution, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated August 16, 1996.
- e) S.D.&G. Aggregates, Inc., Submission of Waterfront Development Permit, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated September 3, 1996.
- f) S.D.&G. Aggregates, Inc., Submittal of revised site plan and calculations, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated November 14, 1996.
- g) S.D.&G. Aggregates, Inc., Modification request, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated February 12, 1997.
- h) S.D.&G. Aggregates, Inc., Response to technical requirements for contaminated soils, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 23, 1997.
- S.D.&G. Aggregates, Inc., Modification request, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 29, 1997.
- j) S.D.&G. Aggregates, Inc., Submittal of new site plan, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 29, 1997.
- k) S.D.&G. Aggregates, Inc., Request for modification of sampling requirements, signed

- by Michael Goebner, President, Carteret Biocycle Corporation, dated April 19, 1999.
- S.D.&G. Aggregates, Inc., Request for modification of sampling requirements, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated December 29, 1999.
- m) S.D.&G. Aggregates, Inc., Request for acceptance of street sweepings, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated March 15, 2000.
- n) S.D.&G. Aggregates, Inc., Request for site plan modification, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 24, 2000.
- o) S.D.&G. Aggregates, Inc., Submittal of additional information, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated April 19, 2001.
- p) S.D.&G. Aggregates, Inc., Request for renewal, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated October 17, 2001.
- q) Clean Earth of Carteret, Request for transfer of ownership, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated November 20, 2002.
- r) Clean Earth of Carteret, Request for increase in daily capacity, prepared and signed by Michael Goebner, Vice President, dated January 2, 2003.
- s) Clean Earth of Carteret, Submittal of signed transfer agreement, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated May 22, 2003.
- t) Clean Earth of Carteret, Submittal of county plan amendment, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated May 30, 2003.
- u) Clean Earth of Carteret, Request for corrections to approval, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated August 25, 2003
- v) Clean Earth of Carteret, Inc., Request for renewal, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated September 28, 2006.
- w) Plan entitled "Floor Plan of Existing Soil Processing Building", prepared by Leonard Busch, P.E., of Leonard Busch Associates, dated February 2, 2005 and last revised March 23, 2006.
- x) Clean Earth of Carteret, Inc., Request to utilize cement kiln dust or lime as a drying agent to remove moisture from its treated soils, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated December 27, 2006.
- y) Class B Recycling Center Permit Application, dated February 2006, prepared by Compliance Plus Services, Inc.
- z) Class B Recycling Limited Approval Checklist, dated March 2008, prepared by

Compliance Plus Services, Inc.

- aa) Updated Information Submission, dated October 14, 2008, prepared by Compliance Plus Services, Inc.
- bb) Proposed Features: drawing No. 009, latest revision dated October 10, 2008, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.
- cc) Existing Features: drawing No. 001, dated August 19, 2005, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.
- dd) Details: drawing No. 003, latest revision dated January 17, 2006, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.
- ee) Limited Class B Operations Plan Phase 1: drawing No. 014, latest revision dated March 24, 2008, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.
- ff) Limited Class B Operations Plan Phase 2: drawing No. 015, latest revision dated March 24, 2008, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.
- gg) Addendum to Ground Lease (3rd Lease), dated December 19, 2008, submitted via cover letter by Compliance Plus Services, Inc.
- hh) Letter dated May 4, 2010, submitted by Averil Rance, VP of Environmental, Health and Safety, Clean Earth of Carteret, Inc., requesting changes in their hours of operation including supporting documentation.

In case of conflict, the provisions of N.J.A.C. 7:26A-1 *et seq.* shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above.

CLEAN EARTH/CARTERET

132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: PI 132310 -

- 1. All persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 et seq. shall comply with all conditions of the approval [N.J.A.C. 7:26A-3.1(a)]
- 2. The holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following: Hours of operation of the recycling center; Listing of the source separated materials to be received; The size, weight, or other restrictions regarding materials to be received; The maximum amount of contaminants allowed in each load; Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form [N.J.A.C. 7:26A-3.5(f)]
- 3. Application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 et seq. One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located [N.J.A.C. 7:26A-3.6(a)]
- 4. The applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10 [N.J.A.C. 7:26A-3.6(b)]
- 5. In a case where the holder of this general approval does not comply with N.J.A.C. 7:26A-3.6(a) and (b) and continues to operate without renewal of the general approval, the Department may take enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2; and/or take any other appropriate actions [N.J.A.C. 7:26A-3.6(c)]
- 6. All persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2 [N.J.A.C. 7:26A-3.6(h)]
- 7. The holder of this general approval shall obtain prior approval from the Department for any modification of the general approval [N.J.A.C. 7:26A-3.10(a)]
- 8. Any change affecting the conditions of this general approval requires the prior approval of the Department [N.J.A.C. 7:26A-3.10(b)1]
- 9. Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 and 3.20 requires the prior approval of the Department, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with N.J.A.C. 7:26A-3.10(f). [N.J.A.C. 7:26A-3.10(b)2]

CLEAN EARTH/CARTERET

132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: PI 132310 -

- 10. The holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 or 3.20. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval. [N.J.A.C. 7:26A-3.10(e)]
- 11. The holder of this general approval shall not institute the modification until it receives written approval from the Department [N.J.A.C. 7:26A-3.10(e)]
- 12. Within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is transferred. The written notification shall be sent to: New Jersey Department of Environmental Protection, Solid and Hazardous Waste Management Program, Bureau of Transfer Stations and Recycling Facilities, P.O. Box 414, Trenton, New Jersey 08625-0414. [N.J.A.C. 7:26A-3.10(f)]
- 13. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of N.J.S.A. 13:1E-1 et seq., the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 et seq. and the New Jersey Statewide Mandatory Source Separation and Recycling Act [N.J.A.C. 7:26A-3.13(a)1]
- 14. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any solid waste utility law at N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq., or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq [N.J.A.C. 7:26A-3.13(a)2]
- 15. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection [N.J.A.C. 7:26A-3.13(a)3]
- 16. The Department may revoke this general approval upon a determination that the holder of the general approval has refused or failed to comply with any lawful order of the Department [N.J.A.C. 7:26A-3.13(a)4]
- 17. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to comply with any of the conditions of this general approval issued by the Department [N.J.A.C. 7:26A-3.13(a)5]
- 18. The Department may revoke this general approval upon a determination that the holder of the general approval has transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department [N.J.A.C. 7:26A-3.13(a)6]
- 19. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to obtain any required permit or approval from the Department or other State or Federal agency [N.J.A.C. 7:26A-3.13(a)7]
- 20. The Department may revoke this general approval upon a determination that the holder of the general approval has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.12. [N.J.A.C. 7:26A-3.13(a)8]

132310 CBG100002 Class B Recycling Ctr General Apprv - Modification Requirements Report

Subject Item: PI 132310 -

- 21. This general approval shall not be transferred to a new owner or operator without the Department's prior approval [N.J.A.C. 7:26A-3.15(a)]
- 22. A written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following: the name, address and social security number of all prospective new owners or operators; a written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and a written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control [N.J.A.C. 7:26A-3.15(a)1]
- A new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5 [N.J.A.C. 7:26A-3.15(a)2]
- 24. The holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5 [N.J.A.C. 7:26A-3.15(a)3]
- 25. Compliance with the transfer requirements set forth at N.J.A.C. 7:26A-3.15 shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision [N.J.A.C. 7:26A-3.15(a)4]
- 26. The transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval [N.J.A.C. 7:26A-3.15(b)]
- The holder of this general approval shall maintain a daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons [N.J.A.C. 7:26A-3.17(a)1]
- 28. The holder of this general approval shall maintain a daily record of the name, address and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons [N.J.A.C. 7:26A-3.17(a)2]
- 29. The holder of this general approval shall maintain a daily record of the amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons. [N.J.A.C. 7:26A-3.17(a)3]
- The holder of this general approval shall retain all Recyclable Material Receipt Forms required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which an annual report is required pursuant to N.J.A.C. 7:26A-3.17(c) [N.J.A.C. 7:26A-3.17(b)]

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- 31. The holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to N.J.A.C. 7:26A-3.17(a) to the New Jersey Department of Environmental Protection, Solid and Hazardous Waste Management Program, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following: monthly totals of the amount of recyclable material received from each customer by municipality of origin; monthly totals of the amount of recyclable product transferred to each end-market; and the amount of residue disposed of during each month. [N.J.A.C. 7:26A-3.17(c)]
- 32. The holder of this general approval shall certify in writing to the Department that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report [N.J.A.C. 7:26A-3.17(e)]
- All information submitted to the Department pursuant N.J.A.C. 7:26A shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 et seq. The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the Department. [N.J.A.C. 7:26A-3.17(f)]
- 34. The holder of this general approval shall provide a recycling tonnage report by March 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons. [N.J.A.C. 7:26A-4.4(a)]
- 35. The recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan [N.J.A.C. 7:26A-4.2]
- 36. The construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 et seq., and the rules promulgated pursuant thereto [N.J.A.C. 7:26A-4.1(b)]
- 37. The New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 et seq. shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to: sampling any materials on site; photographing any portion of the recycling center; investigating an actual or suspected source of pollution of the environment; and, ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department. [N.J.A.C. 7:26-1.7(a)]
- The right of entry specified at N.J.A.C. 7:26A-1.7(a) shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during an inspection and submitted to the Department upon request. [N.J.A.C. 7:26-1.7(b)]

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39. The facility shall comply with the general operating requirements for all Recycling Centers as provided at N.J.A.C. 7:26A-4.1 [N.J.A.C. 7:26A-4]

- 40. Recycling centers receiving petroleum contaminated soil, a preparedness and prevention plan and the contingency plan contained in the approved documents must be maintained on-site and updated as necessary. [N.J.A.C. 7:26A-3.5(e)]
- 41. The preparedness and prevention plan and the contingency plan contained in the approved documents must be maintained on-site and updated as necessary. [N.J.A.C. 7:26A-3.5(e)]
- 42. Upon detection of a release of contaminants to the environment, the facility shall perform the following cleanup steps: stop the release, contain the released contaminants, clean up and manage properly the released contaminants and other materials and if necessary, repair or replace any leaking soil containment systems prior to returning them to service. [N.J.A.C. 7:26A-3.5(e)]
- Upon closure of the facility the owner or operator shall remove or decontaminate petroleum contaminated soils, containment system components, and structures and equipment and manage them as hazardous waste, unless the materials are not hazardous waste under NJAC 7:26G-5. [N.J.A.C. 7:26A-3.5(e)]
- 44. All equipment and portions of the facility designated for the storage or processing of petroleum contaminated soils shall be visually inspected each operating day for integrity and leaks. [N.J.A.C. 7:26A-3.5(e)]
- 45. Records shall be maintained for all visual inspections. These records shall document that inspections were performed, any problems found, and the subsequent correction of such problems. All records shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]
- 46. The facility shall keep a record of each shipment of petroleum contaminated soil accepted for processing. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. All tracking records must be kept for a minimum of three years. Records for each shipment shall include the following information: the name and address of the transporter who delivered the soil to the facility, the name and address of the generator from whom the soil was sent, the NJDEP registration number of the transporter, EPA ID number (if applicable) of the generator, the quantity of soil accepted and the date of acceptance. [N.J.A.C. 7:26A-3.5(e)]
- 47. The facility shall maintain on-site a written operating record showing analysis records, tracking records, and summary reports of incidents requiring implementation of the contingency plan. This information shall be made available to Department personnel upon request and shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]

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- 48. The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed or transferred at this recycling center: NJDOT street sweepings (that meet NJ Non-Residential Direct Contact Soil Cleanup Criteria) and non-hazardous petroleum contaminated soils which otherwise would be ID 27 if not recycled. Only soil contaminated with the following compounds shall be accepted and processed at this facility: gasoline, kerosene, jet fuel, Numbers 1 through 6 fuel oil, and used oil. Used oil shall be defined as any oil that has been refined from crude oil, or any synthetic oil, that has been used and as a result of such use is contaminated by physical or chemical impurities. No soils may be accepted that have been contaminated with materials that are other waste materials, or waste by-products, such as sludges. No soils with free petroleum product or other liquids, as determined by USEPA SW-846, Method 9095, Chapter 6.0, shall be accepted at the facility. No hazardous waste, as defined by N.J.A.C. 7:26G-5, shall be accepted by the facility. [N.J.A.C. 7:26A-3.5(e)]
- 49. At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]
- 50. The recycling center may not receive, store, process, or transfer source separated petroleum contaminated soils and NJDOT street sweepings with any other Class B recyclable materials. The commingling of petroleum contaminated soil and NJDOT street sweepings shall only be allowed after the testing requirements identified in this approval have been met. The commingling of any other materials not described above is prohibited. [N.J.A.C. 7:26A-3.5(e)]
- The maximum amount of contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to 1% by volume. Incidental by-product materials shall not be considered to be contaminants. [N.J.A.C. 7:26A-3.5(e)]
- 52. Incidental amounts of rebar, metal, soil, and other by-products which adhere to the Class B recyclable materials, as specified in this Approval, and which are returned to the economic mainstream as raw material or products, may be received, stored, processed, or transferred at this recycling center. The receipt of such incidental amounts of these materials need not be separately accounted for, but the storage and end-markets for these materials shall be subject to specific conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]
- The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the conditions of this general approval, and the general approval application documents. [N.J.A.C. 7:26A-3.5(e)]
- In case of conflict, the conditions of this approval shall have precedence over the general approval application documents, and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs. [N.J.A.C. 7:26A-3.5(e)]
- One complete set of the general approval application documents, this general approval, and all records, reports and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials. [N.J.A.C. 7:26A-3.5(e)]

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- Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]
- 57. Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads. [N.J.A.C. 7:26A-3.5(e)]
- 58. The recycling center may receive no more than 2,700 tons per day of peroleum contaminated soils and street sweepings. This condition is contingent upon the traffic on the public roads adjacent to the facility not being adversely affected. Should the traffic be impacted by the facility, the Department reserves the right to reduce the capacity of the facility. [N.J.A.C. 7:26A-3.5(e)]
- The total amount of unprocessed/processed soil material stored in the "soil storage warehouse" shall not exceed 18,287 cubic yards. Materials stored in the "soil storage warehouse" shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. "Area D" on the approved site plan may be used to store either unprocessed or processed soils. However, unprocessed and processed soils shall not be stored in "Area D" at the same time. "Area E" on the approved site plan may be used for soil mixing prior to introducing the unprocessed soil to the processing equipment. "Area E" shall not be used for the storage of material. [N.J.A.C. 7:26A-3.5(e)]
- 60. If at any time, the amount of soil material stored inside the building exceeds 18,287 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of material stored inside on-site falls below 18,287 cubic yards. [N.J.A,C. 7:26A-3.5(e)]
- 61. Unprocessed recyclable material shall not remain on-site, in its unprocessed form, for more than one (1) year. [N.J.A.C. 7:26A-3.9(b)]
- 62. The total amount of processed soil materials stored outside shall not exceed 31,674 cubic yards. Processed material shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawings. [N.J.A.C. 7:26A-3.5(e)]
- 63. If at any time, the amount of processed soil material stored on-site exceeds 31,674 cubic yards, the recycling center shall immediately cease processing activities until the amount of processed material falls below 31,674 cubic yards. [N.J.A.C. 7:26A-3.5(e)]
- 64. All processed material shall be stored separately from residues. [N.J.A.C. 7:26A-3.5(e)]
- By-products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents. [N.J.A.C. 7:26A-3.5(e)]
- 66. Horizontal and vertical control points for the unprocessed and processed materials soil stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 18 feet above the existing grade for the stockpile areas located inside the building and 25 feet above the existing grade for the processed stockpile areas located outside. [N.J.A.C. 7:26A-3.5(e)]
- 67. Ingress and egress of the facility shall be restricted to Middlesex Avenue only. [N.J.A.C. 7:26A-3.5(e)]

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- 68. Metal pipe or metal rods or the equivalent as approved by the Department shall be used to establish these control points. [N.J.A.C. 7:26A-3.5(e)]
- 69. Methods of effectively controlling dust shall be implemented at the facility in order to prevent offsite migration. [N.J.A.C. 7:26A-3.5(e)]
- 70. Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel. [N.J.A.C. 7:26A-3.5(e)]
- 71. Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. [N.J.A.C. 7:26A-3.5(e)]
- 72. All revisions to the site plan and the approved documents which may be required as a result of the above, shall be submitted to this office for modification to this Approval. [N.J.A.C. 7:26A-3.5(e)]
- 73. Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district. [N.J.A.C. 7:26A-3.5(e)]
- 74. The sampling plan, collection, preservation, and handling for the sampling and analysis of unprocessed contaminated soil as required in this Approval must be performed in accordance with the New Jersey Technical Requirements for Site Remediation at N.J.A.C. 7:26E and the latest edition of the New Jersey Department of Environmental Protection, Hazardous Waste Programs, Field Sampling Procedures Manual. The Technical Regulations may be purchased from West Publishing at (800) 808-WEST. The sampling manual may be purchased from: NJDEP Maps and Publications, P.O. Box 402, Trenton, N.J. 08625. All analysis must be performed by a New Jersey certified laboratory. [N.J.A.C. 7:26A-3.5(e)]
- 75. All soils must be tested using the most current approved test methodology in accordance with USEPA SW-846. [N.J.A.C. 7:26A-3.5(e)]
- 76. Petroleum contaminated soils shall be sampled either at the point of generation or at the recycling center. Soils from different generation sites shall be segregated at the facility until the sampling results are received. The sampling and analysis shall be implemented as follows: [N.J.A.C. 7:26A-3.5(e)]
- 77. Every 100 cubic yards of contaminated soil from each site shall be sampled and analyzed for TPH in the following manner: a representative sample from every 20 cubic yards of contaminated soil shall be taken and these five samples shall be composited into one sample and analyzed. When the volume of soil is less than 100 cubic yards, a representative sample of every 20 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

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- 78. Every 800 cubic yards of contaminated soil shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner: a representative sample from every 100 cubic yards of contaminated soil shall be taken and these samples shall be composited into one sample and analyzed. When the volume of soil is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]
- 79. The sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-8.5. The processing equipment at the facility uses bioremediation to process petroleum contaminated soils and acheive acceptable contaminent levels for reuse.

 [N.J.A.C. 7:26A-3.5(e)]
- 80. Processed material end products, for uses other than as landfill cover material, Department approved Brownfields projects or road construction projects, shall be sampled and analyzed for total petroleum hydrocarbons (TPH), total volatile organic compounds (VOC), and all contaminants listed in the New Jersey Soil Cleanup Criteria (SCC). The sampling procedure shall be implemented as follows: Every 100 cubic yards of processed soil shall be sampled and analyzed for the above contaminants in the following manner: a representative sample from every 20 cubic yards of processed soil shall be taken and these five samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]
- Processed material end products to be used in road construction projects shall be sampled every 1,000 cubic yards for TPH and VOC in the following manner: a representative sample from every 100 cubic yards of processed soil shall be taken and the samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3,5(e)]
- Other levels of testing may be allowed on a case-by-case basis as determined by use criteria in accordance with Department guidance and regulations. Applications for case-specific testing requirements must be made to the Bureau of Transfer Stations & Recycling Facilities. [N.J.A.C. 7:26A-3.5(e)]
- 83. Only approved criteria shall be used to determine the allowable end use of the processed material and the maximum allowable contamination levels for use. [N.J.A.C. 7:26A-3.5(e)]
- The maximum allowable contamination levels for unrestricted general use are 200 ppm TPH and all individual organic contaminants less than or equal to 50% and inorganic contaminants less than or equal to 75% of the most stringent direct contact soil cleanup criteria (SCC). [N.J.A.C. 7:26A-3.5(e)]
- 85. For soils being used as landfill cover material: the analytical requirements of the individual landfills shall be complied with. For soils being used as fill material in Brownfields projects, the requirements (including sampling frequency and analytical parameters) shall be approved by the individual Site Remediation Program case manager on a case-by-case basis. [N.J.A.C. 7:26A-3,5(e)]
- Other levels of contamination may be allowed on a case-by-case basis as determined by use criteria and levels of contamination in accordance with Department guidance and regulations. Certificates of Authority to operate beneficial use projects pursuant to N.J.A.C. 7:26-1.7(g) must be obtained before any use of the processed material end products. [N.J.A.C. 7:26A-3.5(e)]

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Subject Item: RCBG139162 - General Class B & Soil Conditions

- Any processed material end products that do not meet the above criteria must be reintroduced to the treatment process for further treatment. After treatment, the processed material end products must be reanalyzed in accordance with the above criteria. [N.J.A.C. 7:26A-3.5(e)]
- 88. All analysis records must be kept for a minimum of three years and made available for inspection by state and local officials upon request. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG139339 - Street Sweepings Sampling

- 89. Every 100 cubic yards of street sweepings from each site shall be sampled and analyzed for TPH in the following manner: a representative sample from every 20 cubic yards shall be taken and these five samples shall be composited into one sample and analyzed. When the volume is less than 100 cubic yards, a representative sample of every 20 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3]
- 90. Every 800 cubic yards of street sweepings shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner: a representative sample from every 100 cubic yards shall be taken and these samples shall be composited into one sample and analyzed. When the volume is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3]
- 91. The sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-5. [N.J.A.C. 7:26A-3]
- 92. Unprocessed street sweepings shall be sampled either at the point of generation or at the recycling center. Street sweepings from different generation sites shall be segregated at the facility until the sampling results are received. The sampling and analysis shall be implemented as follows:

 [N.J.A.C. 7:26A-3]

Subject Item: RCBG882028 - Phase 1 Crushing Operations

- Prior to initiating any crushing operations, as described under the three phases of this General Approval, Clean Earth of Carteret, Inc. shall submit copies of the Waterfront Development Permit and the Remedial Action Workplan to the Bureau of Transfer Stations & Recycling Facilities and to County Environmental and Waste Enforcement (300 Horizon Center, P.O. Box 407, Robbinsville, NJ 08625-0407, Attention: Brian Petitt, Central Region Supervisor). [N.J.A.C. 7:26A-3.5(e)]
- 94. The recycling center may receive no more than 1000 tons per day of source-separated asphalt, concrete, brick, block, rock, and stone from offsite sources. [N.J.A.C. 7:26A-3.5(e)]
- Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]

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Subject Item: RCBG882028 - Phase 1 Crushing Operations

- 96. The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:
 - A. Extec S-5 Screener
 - B. Extec C-12 Jaw Crusher
 - c. Extec Impactor or I-C13 Crusher. [N.J.A.C. 7:26A-3.5(e)]
- 97. If at any time, the amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 24,124 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of that unprocessed material stored on-site falls below 24,124 cubic yards. [N.J.A.C. 7:26A-3.5(e)]
- 98. The total amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 24,124 cubic yards. These unprocessed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]
- 99. The total amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 9740 cubic yards. These processed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]
- 100. If at any time, the amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 9740 cubic yards, the recycling center shall immediately cease processing activities until the amount of these processed materials falls below 9740 cubic yards. [N.J.A.C. 7:26A-3.5(e)]
- 101. Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the unprocessed stockpile area and 20 feet above the existing grade for the processed stockpile area. Within approximately thirty (30) days of the acceptance date of this Approval, a joint site inspection shall be held at the facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers.

 [N.J.A.C. 7:26A-3.5(e)]
- All product materials created under this Phase 1 crushing operation shall be utilized exclusively as capping material at the former Reichold Chemical site and shall meet the specifications required in the Department's Remedial Action Workplan. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG882029 - Phase 2 Crushing Operations

- 103. The recycling center may receive no more than 1000 tons per day of source-separated asphalt, concrete, brick, block, rock, and stone from offsite sources. [N.J.A.C. 7:26A-3.5(e)]
- Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]

132310 CBG100002 Class B Recycling Ctr General Apprv - Modification Requirements Report

Subject Item: RCBG882029 - Phase 2 Crushing Operations

- 105. The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:
 - A. Extec S-5 Screener
 - B. Extec C-12 Jaw Crusher
 - c. Extec Impactor or I-C13 Crusher. [N.J.A.C. 7:26A-3.5(e)]
- The total amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 11,252 cubic yards. These unprocessed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]
- 107. If at any time, the amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 11,252 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of these unprocessed materials stored on-site falls below 11,252 cubic yards. [N.J.A.C. 7:26A-3.5(e)]
- The total amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 15,962 cubic yards. These processed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]
- 109. If at any time, the amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 15,962 cubic yards, the recycling center shall immediately cease processing activities until the amount of these processed materials falls below 15,962 cubic yards. [N.J.A.C. 7:26A-3.5(e)]
- Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the unprocessed stockpile area and 20 feet above the existing grade for the processed stockpile area. Prior to initiating Phase 2 crushing operations, a joint site inspection shall be held at the facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers. [N.J.A.C. 7:26A-3.5(e)]
- All product materials created under this Phase 2 crushing operation shall be utilized exclusively as capping material at the former Reichold Chemical site and shall meet the specifications required in the Department's Remedial Action Workplan. [N.J.A.C. 7:26A-3.5(e)]

132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: RCBG882029 - Phase 2 Crushing Operations

- 112. The facility shall submit a report after completion of Phase 1 and Phase 2 crushing operations for the Remedial Action Workplan, which contains, at a minimum, the following information:
 - A. Daily and cumulative breakdowns of the amounts and types of materials received and processed. Differentiate between material brought through the soils facility versus that brought in directly from outside sources;
 - B. Residue/ recyclables stored on-site for off-site transport;
 - C. Any rejected materials and materials that do not meet the applicable criteria for materials to be used to construct portions of the remedial cap along with a copy of the disposal receipts as evidence that the material has been disposed of accordingly;
 - D. All data shall be recorded chronologically by date.

The report shall be submitted to the NJDEP Bureau of Transfer Stations & Recycling Facilities within sixty (60) days of the completion of Phase 2. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG882032 - Final Phase Crushing Operations

- The recycling center may receive no more than 2000 tons per day of source-separated asphalt, concrete, brick, block, rock, and stone. [N.J.A.C. 7:26A-3.5(e)]
- Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]
- 115. The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:
 - A. Extec S-5 Screener
 - B. Extec C-12 Jaw Crusher
 - c. Extec Impactor or I-C13 Crushersite. [N.J.A.C. 7:26A-3.5(e)]
- The total amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 36,580 cubic yards (8,800 cy in area A & 27,780 cy in area B). These unprocessed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]
- 117. If at any time, the amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 36,580 cubic yards (8,800 cy in area A & 27,780 cy in area B), the recycling center shall immediately cease receiving any unprocessed material until the amount of these unprocessed materials stored on-site falls below 36,580 cubic yards (8,800 cy in area A & 27,780 cy in area B). [N.J.A.C. 7:26A-3.5(e)]

132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: RCBG882032 - Final Phase Crushing Operations

- The total amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 24,310 cubic yards (area C). These processed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]
- If at any time, the amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 24,310 cubic yards (area C), the recycling center shall immediately cease processing activities until the amount of these processed materials falls below 24,310 cubic yards. [N.J.A.C. 7:26A-3.5(e)]
- Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the unprocessed stockpile area and 20 feet above the existing grade for the processed stockpile area. Prior to initiating Final Phase crushing operations, a joint site inspection shall be held at the facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers. [N.J.A.C. 7:26A-3.5(e)]



State of New Jersey

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Solid and Hazardous Waste Management Program
P.O. Box 414
Trenton, New Jersey 08625-0414
Tel: 609-984-3438
Fax: 609-633-1112
www.state.ni.us/recycleni

BOB MARTIN
Commissioner

MAY 1 1 2010

Richard Hills, Head County of Middlesex - Division of Solid Waste Management 100 Bayard Street, 2nd Floor New Brunswick, NJ 08901

Dear Mr. Hills:

The Department of Environmental Protection's (Department) Solid and Hazardous Waste Management Program is in receipt of Administrative Action 005-09, submitted to the Department on May 5, 2010. Administrative Action 005-09 to the Middlesex County District Solid Waste Management Plan (County Plan) proposes County Plan inclusion of a change in operating hours for the Clean Earth of Carteret, Inc. Class B Recycling Center, located on Block 1, Lot 3.02 at 24 Middlesex Avenue in the Borough of Carteret. Specifically, Administrative Action 005-09 proposes to include the subject facility in the County Plan with operating hours (acceptance and processing of Class B recyclables) of twenty-four hours per day, Monday through Sunday.

The above noted change in operating hours will not result in any other operational changes at the subject facility, which is included in the County Plan to accept and process up to 4,000 tons per day of source-separated concrete, asphalt, brick, block, stone, and non-hazardous, petroleum-contaminated soil.

Pursuant to N.J.A.C. 7:26-6.11(b)5, the inclusion of a modification of an existing facility, including a change in operating hours, can be accomplished via an administrative action. In summary, the County Plan inclusion of a change in operating hours for the Clean Earth of Carteret, Inc. Class B Recycling Center in the Borough of Carteret is hereby approved as an administrative action pursuant to N.J.A.C. 7:26-6.11(f).

Please be advised that this approval of Administrative Action 005-09 shall not be construed as an expression of the Department's intent to issue a General Approval Modification to the subject facility for the above noted operational change.

If you have any questions relative to this matter, please contact Ross M. Hull of my staff at (609) 984-5936 or by e-mail at ross.hull@dep.state.ni.us.

Sincerely,

Guy J. Watson, Chief

Bureau of Recycling and Planning

Suy Watson

Impacted Waters Non-Hazardous

Clean Water of New York, Inc.

3249 Richmond Terrace Staten Island, NY 10303-0312 NYSDEC Part 360 Facility

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

State Pollutant Discharge Elimination System (SPDES)

NOTICE / RENEWAL APPLICATION / PERMIT



Please read ALL instructions on the back before completing this application form. Please TYPE of PRINT clearly in ink.

PART 1 - NOTICE

11/15/2010

Permittee Contact Name, Title, Address

Facility and SPDES Permit Information

CLEAN WATER OF NEW YORK INC.

ROBERT A PROBST PRES

PO BOX 030312

STATEN ISLAND

NY 10303-0312

Name: CLEAN WATER OF NEW YORK INC.

Ind. Code: 7699 County: RICHMOND

DEC No.: 2-6401-00065/00001

SPDES No.: NY 020 0484 09/30/2011 **Expiration Date:** Application Due By: 04/03/2011

Are these name(s) & address(es) correct? if not, please write corrections above.

The State Pollutant Discharge Elimination System Permit for the facility referenced above expires on the date indicated. You are required by law to file a complete renewal application at least 180 days prior to expiration of your current permit. Note the "Application Due By" date above.

CAUTION: This short application form and attached questionnaire are the only forms acceptable for permit renewal. Sign Part 2 below and mail only this form and the completed questionnaire using the enclosed envelope. Effective April 1, 1994 the Department no longer assesses SPDES application fees.

If there are changes to your discharge, or to operations affecting the discharge, then in addition to this renewal application, you must also submit a separate permit modification application to the Regional Permit Administrator for the DEC region in which the facility is located, as required by your current permit. See the reverse side of this page for instructions on filing a modification request.

PART 2 - RENEWAL APPLICATION

CERTIFICATION: I hereby affirm that under penalty of perjury that the information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Title Signature Date

PART 3 - PERMIT (Below this line - Official Use Only)

Effective Date: 10 / / / /

Expiration Date: $9_{1301}6$

NYSDEC - Division of Environmental Permits Bureau of Environmental Analysis

625 Broadway, Albany, NY 12233-1750

FEB 1 8 2011

Signature

Permit Administrator

Address:

This permit together with the previous valid permit for this facility issued $\frac{10}{11} \frac{1}{11} \frac{1}$ previously issued valid permit, modifications thereof or issued as part of this permit, including any special or general conditions attached hereto. Nothing in this permit shall be deemed to waive the Department's authority to initiate a modification of this permit on the grounds specified in 6NYCRR §621.14, 6NYCRR §754.4 or 6NYCRR §757.1 existing at the time this permit is issued or which arise thereafter.

Attachments: General Conditions dated



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1 .	DEC PERMIT NUMBER: 2-6401-00065/00001				EFFECTIV	EDATE: 17 December 1997
1 .	FACILITY/PROGRAM NUMBER(S): 43007	Uı	PER nder the Environm Law (ental Conservation	Pt. 360:	ION DATE(S): 17 December 2000 1 September 2001
Γ	TYPE OF PERMIT: □ New	X Renev	wal X Modificat	ion X Permit to C	onstruct)	C Permit to Operate
	Article 15, Title 5: Protection of Waters		6 NYCRR 608: V	Nater Quality	Х	Article 27, Title 7; 6 NYCRR 360: Solid Waste Management
	Article 15, Title 15: Water Supply	X	Article 17, Title	s 7, 8: SPDES		Article 27, Title 9; 6 NYCRR 373: Hazardous Waste Management
	Article 15, Title 15: Water Transport		Article 19: Air Control	Pollution		Article 34: Coastal Erosion Management
	Article 15, Title 15: Long Island Wells	X	W. CONTROL SERVICE CONTROLS	nwater Wetlands I Wetlands		Article 36: Floodplain Management
	PERMIT ISSUED TO: Clean Water of	New York,	, Inc.			TELEPHONE NUMBER: (718) 981 - 4600
	ADDRESS OF PERMITTEE: 3245 Ric	hmond Ter	race, Staten Islan	d, NY 10303		
	CONTACT PERSON FOR PERMITTED 330 Crossways Park Drive, Woodbury			. E., William F. Cosu	ılich Assoc.,	TELEPHONE NUMBER: (516) 364 - 9880
	PROJECT/FACILITY NAME: Clean W	ater of Nev	w York Waste Oil	Reprocessing and S	torage Facili	ty
L	PROJECT/FACILITY ADDRESS: 324	Richmond	Terrace, Staten	Island, NY 10303		
	COUNTY: Richmond TOW	VN: New Y	ork City	WATER BODY: Kil	l Van Kull	NYTM COORDINATES: 570.5 East; 4498.9 North
	DESCRIPTION OF AUTHORIZED ACTIVITY: Coreprocessing and storage facility with the following oil: 9 million gallons per year; 2) tank bottom sludge year; and 3) effluent discharges from treatment of tagallons per minute.			throughput limi e and treatment	ts: 1) rep residuals	rocessed recovered fuel : 1,000 cubic yards per

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified (see page 2) and any Special Conditions included as part of this permit.

REGIONAL PERMIT ADMINISTRATOR: John J. Ferguson	ADDRESS:		n 2 Office, 47-40 21st Street , NY 11101 PHONE: (718) 4	182-4997
AUTHORIZED SIGNATURE:	dry	-	DATE: 17 December 1997	Page 1 of 8

GENERAL CONDITIONS

Instructions

1. The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by authorized representatives of the Department of Environmental Conservation (the Department) to determine whether the Permittee is complying with the instant permit and the ECL. Such representatives may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3). A copy of the instant permit, any and all amendments thereto, and any and all documents referenced in such permit or amendments, must be available for inspection by the Department at all times at the project site. Failure to produce a copy of such permit, such amendments, or such referenced documents upon request by a Department representative is a violation of this permit. Any permit sign provided by the Department shall be displayed in a visible facility location and protected from the elements for the life of this permit.

Permit Changes and Renewals

- 2. The Department reserves the right to modify, suspend, or revoke this permit when
 - the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
 - b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
 - c) new material information is discovered; or
 - d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.
- 3. All work authorized herein shall comply with the most current information submitted by the Permittee pursuant to its application for the instant permit. If such information conflicts with any provision of the instant permit, such provision shall obtain. The Permittee must submit a separate written application to the Department for renewal, modification, or transfer of this permit. Such application must include any forms, fees, or supplemental information the Department requires. Any renewal, modification, or transfer granted by the Department must be in writing.
- The permittee must submit a renewal application at least--
 - a) 180 days before expiration of permits for State Pollutant Discharge Elimination System (SPDES), Hazardous Waste Management Facilities (HWMF), major Air Pollution Control (APC), and Solid Waste Management Facilities (SWMF); and
 - b) 30 days before expiration of all other permit types.
- 5. Unless expressly provided for by the Department, issuance of this permit does not modify, supersede, or rescind any order or determination previously issued by the Department or any of the terms, conditions, or requirements contained in such order or determination.

Other Legal Obligations of Permittee

- 6. The Permittee has accepted expressly, by the execution of its application for the instant permit, the full legal responsibility for all damages, direct or indirect, of whatever nature and by whomever suffered, arising out of the project described in this permit and has agreed to indemnify and save harmless the State from suits, actions, damages, and costs of every name and description resulting from this project.
- 7. This permit does not convey to the Permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.
- 8. The Permittee is responsible for obtaining any other permits, approvals, lands, easements, and rights-of-way that may be required for this project.

ADDITIONAL GENERAL CONDITIONS FOR ARTICLES 15 (TITLE 5), 24,25,34,36 AND 6NYCRR PART 608

- 9. That if future operations by the State of New York require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Department of Environmental Conservation it shall cause unreasonable obstruction to the free navigation of said waters or flood flows or endanger the health, safety or welfare of the people of the State, or cause loss or destruction of the natural resources of the State, the owner may be ordered by the Department to remove or alter the structural work, obstructions, or hazards caused thereby without expense to the State, and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners, shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable and flood capacity of the watercourse. No claim shall be made against the State of New York on account of any such removal or alteration.
- 10. That the State of New York shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the State for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.
- 11. Granting of this permit does not relieve the applicant of the responsibility of obtaining any other permission, consent or approval from the U.S. Army Corps of Engineers, U.S. Coast Guard, New York State Office of General Services or local government which may be required.

- 12. All necessary precautions shall be taken to preclude contamination of any wetland or waterway by suspended solids, sediments, fuels, solvents, lubricants, epoxy coatings, paints, concrete, leachate or any other environmentally deleterious materials associated with the project.
- 13. Any material dredged in the prosecution of the work herein permitted shall be removed evenly, without leaving large refuse piles, ridges across the bed of a waterway or floodplain or deep holes that may have a tendency to cause damage to navigable channels or to the banks of a waterway.
- There shall be no unreasonable interference with navigation by the work herein authorized.
- 15. If upon the expiration or revocation of this permit, the project hereby authorized has not been completed, the applicant shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore the site to its former condition. No claim shall be made against the State of New York on account of any such removal or alteration.
- 16. If granted under Article 36, this permit does not signify in any way that the project will be free from flooding.
- 17. If granted under 6NYCRR Part 608, the NYS Department of Environmental Conservation hereby certifies that the subject project will not contravene effluent limitations or other limitations or standards under Sections 301, 302, 303, 306 and 307 of the Clean Water Act of 1977 (PL 95-217) provided that all of the conditions listed herein are met.
- 18. All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or his agent as part of the permit application.

Such approved plans were prepared by	<u> (see Special</u>
Condition No. 2 on Page 4)	on

Page 3 of 8

SPECIAL CONDITIONS Please see the numbered Special Conditions on the following page. SPECIAL NOTE: In accordance with Title 19, Part 600.4 (c) of the New York Code of Rules and Regulations, the New York State Department of Environmental Conservation hereby certifies that the action described and approved in this permit, if located within the Coastal Zone, is consistent to the maximum extent practicable with the policies and purposes of the New York City Waterfront Revitalization Program. DEC PERMIT NUMBER: 2-6401-00065/00001 PERMITTEE: Clean Water of New York 3245 Richmond Terr., S. I., NY 10303



- 1. All work and activities authorized by this permit shall comply with all of the applicable provisions of 6 NYCRR Part 360 (Solid Waste Management Regulations), especially Subparts 360-1, 360-6 and 360-14, unless otherwise specified herein.
- 2. All construction and operation activities authorized by this permit shall be in strict conformance with the application materials submitted to DEC by the permittee in support of this application, including the application materials filed on behalf of permittee by William F. Cosulich Associates, P. C., original application for Part 360 and SPDES renewal and modification dated March 1996, revised application dated September 1996 with responses to DEC comments dated 6/4/96 and 9/30/96, revised Part 360 application dated March 1997, and tidal wetlands (ECL Art. 25) application dated July 1997.
- 3. Within ten (10) days after the completion of any construction authorized by this permit, permittee shall have a professional engineer licensed by the State of New York submit to DEC Regional Solid and Hazardous Materials Engineer certification that the subject facility is constructed in conformance with the site plan described in Special Condition No. 2 (b) above. Permittee shall not operate the facility under the terms of this permit until after DEC has received the facility engineer's certification of completion of construction, and until after permittee receives written confirmation from DEC that DEC deems the construction to be complete and in accord with the facility plan. This condition does not apply if no new construction will be done at the facility by permittee.
- 4. If it has not yet done so, permittee shall, within thirty (30) days after the effective date of this permit, demonstrate to the DEC financial assurance, in the amount of Fifty Thousand Dollars [\$50,000], in the form of a letter of credit, performance bond, or similar financial instrument acceptable to DEC in accordance with 6 NYCRR § 360-1.12(a)(1). Permittee shall keep its financial assurance instrument in effect for the duration of its operation of the facility, until DEC accepts permittee's engineer's statement of facility closure under the terms of 6 NYCRR Part 360.
- 5. Solid waste which is not recycled shall be sent only to the approved solid waste disposal facilities documented in the application with letters of intent and all currently required, valid permits to operate.

At least three months prior to the expiration of any permit required to operate any of the disposal facilities described above, permittee shall submit a complete copy of the renewed permit or permit extension to the Regional Solid and Hazardous Materials Engineer at the Region 2 Office of DEC. If permittee fails to submit such copy, or if any disposal facility loses any governmental authorization required to operate any of the disposal facilities named above for any reason, including expiration and failure to renew permits, permit suspension, permit revocation, or facility closure, cessation of operations, or abandonment, permittee shall immediately cease sending solid waste to such facility or facilities for disposal, and shall notify the DEC Region 2 Solid and Hazardous Materials Engineer of such cessation and the reason(s) for it.

If permittee wishes to add or otherwise change the disposal facilities to which permittee is authorized to send solid waste, permittee shall submit letters of intent from such disposal facilities, and copies of all required permits to operate such disposal facilities, to the DEC Region 2 Solid and Hazardous Materials Engineer. Upon written authorization from the DEC Region 2 Solid and Hazardous Materials Engineer, permittee may send solid waste to such disposal facilities.

DEC PERMIT NUMBER: 2-6401-00065/00001

PERMITTEE: Clean Water of New York, Inc.

Page 4 of 8

FACILITY: 3245 Richmond Ter.

- 6. An account to fund an environmental monitor shall be established and maintained with the Department as follows:
- a. If permittee has not already done so, the sum of \$10,000 shall be submitted to the Department within 10 days of the effective date of this permit to fund departmental environmental compliance monitoring activities for the permitted facility. This sum is based on an estimate of the first year costs and is subject to quarterly revision. Subsequent quarterly payments shall be made for the duration of this permit to maintain an account balance sufficient to meet the next nine months' anticipated expenses. Quarterly payments shall be made for the duration of this permit in accordance with the following provisions.
- b. Costs covered by this fund include: i) Direct personal service costs and fringe benefits of the environmental monitor(s) and full-time monitor supervisor(s), including the costs of replacement personnel for the person regularly assigned to these positions; ii) Direct non-personal service costs, including without being limited to purchase or lease of a vehicle if necessary and its full operating costs, and any appropriate chemical sampling and analysis; iii) Inflation increases and negotiated salary increases; and iv) Indirect support or overhead costs at the Federal Indirect Cost Rate.
- c. As noted, the Department may revise the required payment on a quarterly basis to include all costs of monitoring to the Department. The quarterly revision may take into account factors such as inflation, salary increases, accrued interest to be applied to the balance, changes in operating hours and procedures, and the need for additional on-site monitors and supervision of such monitors by full-time monitor supervisors. Upon written request by the permittee, the Department shall provide permittee with a written explanation for the basis of any modification.
- d. Within 30 days of written notice by the Department that a payment is due, payment shall be forwarded to the Department. Payment should be sent to: NYS Department of Environmental Conservation, 50 Wolf Road, Room 593, Albany, NY 12233-1510, Attention: Director of Environmental Monitors. Payments shall be in advance of the period in which they will be expanded.
- e. Upon termination of this permit and payment of any outstanding costs, the unexpended balance including interest will be returned to the permittee.
- f. Failure to make the required payments is a violation of this permit. The Department may take appropriate action to enforce the payment provisions, including suspension or revocation of the permit.
- g. The environmental monitor shall receive from the permittee all general safety training which is normally given to new site employees. This training will be supplemental to the mandatory safety training which the NYS DEC monitors receive from the Department.
- h. The permittee shall furnish each environmental monitor with the current site policy and procedures manual for health and safety issues. The permittee shall notify the Department in writing each time a change to the health and safety plan is made.
- i. The environmental monitor shall, when present at the permitted site, abide by all of permittee's health and safety and operational policies; provided, however, that this subparagraph shall not be construed as limiting the monitor's powers as otherwise provided for by law and shall not result in the monitor's being less protected than the monitor would be if he or she were to abide by state and federal health and safety requirements.

DEC PERMIT NUMBER: 2-6401-00065/00001		
PERMITTEE: Clean Water of New York, Inc.	Page 5 of 8	SITE: 3245 Richmond Terr., SI

7. Allowable Waste Materials. Permittee may accept the following wastes delivered by barge, truck and drums:

Category A — The oil/water mixture and its residue from the cleaning, by the Butterworthing method, of virgin oil tank barges.

Category B — The bilge/ballast water and oil mixtures, as well as the residue of such, from ships or vessels. Category D — Used engine lubricating oil (N001), contaminated fuel oil (N002), lube/hydraulic oil (N003), transmission fluid (N004), gear oil (N005), non-PCB dielectric fluid (N006), emulsified cutting oil (N007), non-emulsified cutting oil (N008), distressed oil (N010), tank bottoms — fuel oil (N013), tank bottoms — other (N015), vegetable oil from industrial sources (N016), mineral oil from industrial sources (N017), water contaminated with oil (N018), tar and asphalt originating from the vessel/tank cleaning operations (N098), and

synthetic lube oils and castor oil (NO99).

Category E — Under this category, permittee may accept oil-soaked debris (NO11). If this waste material is directly related to Category A, B, or D material that is being delivered to the facility and the samewaste has undergone pre-qualification analysis, additional testing is not required. In all other cases, pre-qualification analysis testing consisting of total halogens, RCRA metals (arsenic, cadmium, chromium, lead) must be conducted prior to acceptance of the material. In addition, if the waste shipment originates from a utility, it must be screened for PCBs. Category E waste must be sent to any of the approved disposal facilities listed in Special Condition No. 15 of this permit. A record of how the hazardous waste determinations were made and who made them must be maintained for at least seven (7) years at the facility office.

Before any of the waste Categories A, B or D may be accepted, permittee must have a representative sample tested by the Clor-D-Tect Kit Test for total halogens. The same sample must also be tested by the Pensky-Martens Closed Cup Tester, Materials Standard D-93-79 or D-93-80, for flash point. Each separate chamber of every multi-compartmented truck must be sampled, tested and analyzed separately. All strata of a vertical column within each tank or compartment must be sampled into a container using a coliwasa or other acceptable method in accordance with 6 NYCRR Part 371, Appendix 19. Samples obtained from each compartment or tank must not be mixed for the purposes of determining total halogens and flash point. Mixing of samples is allowed if they are obtained from a single truck or vessel and will be used in the 5% independent analysis as specified below, unless screening tests indicate that one or more compartments has halogens in excess of 1,000 ppm or a flash point less than 100 °F. If the level of halogens is found to be in excess of 1,000 ppm, the waste must not be accepted, and permittee must follow the requirements of Special Condition No. 10 below. Permittee may choose to rebut the presumption of hazardous waste by following the procedures described in 6 NYCRR Part 374.2. If the flash point is below 100°F, the load must be rejected by permittee. In the event permittee or employees of permittee have knowledge that a waste oil load or a portion of a waste oil load originates from a utility, such load must be pre-screened for hazardous concentrations of PCBs before it may be accepted into the facility. Copies of said pre-screening test results must be maintained at the facility as part of permittee's operational records.

Because the screening or analysis for halogens for Category A, B, and D wastes will not be routinely conducted by an independent testing laboratory licensed by New York State (ELAM lab) and found acceptable by DEC, random samples must be taken, and tests made, on a minimum of five (5) percent of all incoming loads. The frequency of such testing must be as follows:

SAMPLING & TESTING OF INCOMING LOADS BY A DEPARTMENT-ACCEPTABLE LABORATORY (ELAM)

	TOTAL HALOGENS	FLASH POINT	TCLP METALS	PCBs
CATEGORY A CATEGORY B	5% 5%	5% 5%	_	_
CATEGORY D	5%	5%	5% As, Pb, Cd, Cr	 5%
DEC PERMIT NUMBER: 2-6401-00065/00001				
PERMITTEE: Clean Water of New York, Inc.		Page 6 of 8	SITE: 324	5 Richmond Terr., SI

- 7. [continued] Aside from the allowable solid waste materials described in Categories A, B, D and E, permittee is strictly prohibited from accepting, storing, and processing any other types of solid waste.
- 8. Record-keeping. Permittee must maintain and have available for inspection at the facility at all times an operating record of incoming and outgoing loads of used oil and all other waste materials. This record must, at a minimum, include the name and addresses of each originating facility, vessel, and vessel owner, date of shipment, quantity shipped, and pre-screening test results. Copies of all invoices and manifests must be maintained at the facility by permittee for a minimum of seven (7) years. In addition, records of inspections by DEC or any other government agency, and records of spills or other emergencies, and remedial actions taken, must be maintained by permittee at the facility office.

Permittee must maintain a log for each sludge storage drum at the facility recording the time and date of the filling of each drum with sludge. Permittee must also record the time, date, hauler, quantity, and final disposal facility of the sludge in each drum or other container when it is hauled away from the facility.

- 9. At least twice per year, random samples must be taken by permittee of sludge intended for disposal. Such sludge shall be tested by an independent testing laboratory licensed by New York State and acceptable to DEC for hazardous waste characteristics and the results sent to the DEC Region 2 Solid and Hazardous Materials Engineer.
- 10. Unacceptable waste. If, during the course of performing the screening tests or analyses, permittee finds that a load is unacceptable due to findings of less than 100°F flashpoint or greater than 1,000 ppm total halogens, or the load is determined to be a characteristic hazardous waste, permittee must make a record of that incident including at a minimum, the time and date of the incident, the screening test results, the quantity of material, location of material, and how the responsible party stated it would properly dispose of the unacceptable material. Furthermore, permittee is required to notify DEC in accordance with the porocedure described in 6 NYCRR § 360-14.3(j)(3)(iii).
- 11. Rebuttals. If the level of total halogens is found to be in excess of 1,000 ppm, the waste may be accepted by permittee only if permittee performs an additional round of sampling, testing and analysis which demonstrates that there are no significant concentrations of specific halogens present, and permittee receives notification from DEC that the analytical results indicate that the waste is not considered to be hazardous.
- 12. Waste off-loading. Acceptable waste which is delivered by truck may only be off-loaded at the drum/dumpster storage area.
- 13. Off-loading area. The designated truck off-loading and sludge storage area must be continuously inspected by permittee. If any liquids are found in the designated storage and transfer/off-loading area caused by either rain or spillage, they must be collected, and the storage/transfer area cleaned during the same day such liquid is observed. Permittee must either dispose of the material recovered from the designated storage area or put such material into the facility's processing system for treatment. Permittee must keep at least ten (10) bags of absorbent within close proximity of the off-loading/storage area.
- 14. Marketing of recovered used oil. The outgoing reprocessed used fuel oil must be determined to be on-specification before it can be marketed as on-specification used fuel oil. Otherwise, permittee may only market its reprocessed oil as off-specification oil to permitted industrial users.

DEC PERMIT NUMBER: 2-6401-00065/00001		
PERMITTEE: Clean Water of New York, Inc.	Page 7 of 8	SITE: 3245 Richmond Terr., SI

15. Sludge storage requirements. When permittee removes sludge from waste oil tanks/barges, the sludge must be stored in covered drums or dumpsters placed at the existing container storage area. No more than sixty (60) cubic yards may be stored at the facility at any time. Within ninety (90) days of placement in the sludge storage area, sludge must be shipped to one or more of the approved disposal facilities listed below:

Clean Earth of New Castle, Inc., New Castle, Delaware Evergreen Landfill, Bedford, Ohio American Ref-Fuel Company of Hempstead, Westbury, New York American Landfill, Inc., Waynesburg, Ohio

16. Permittee shall utilize best management practices during cleaning and transfer operations to contain oily water and recovered product within vessels. Permittee shall install and maintain secondary containment around any machinery operated on the car float.

DEC PERMIT NUMBER: 2-6401-00065/00001

PERMITTEE: Clean Water of New York, Inc.

Page 8 of 8

SITE: 3245 Richmond Terr., SI

New York State Department of Environmental Conservation Office of General Counsel, Region 2

47-40 21ST Street, Long Island City, NY 11101-5407 **Phone:** (718) 482-4965 • **FAX:** (718) 482-4962

Website: www.dec.ny.gov



February 13, 2009

Mr. Michael J. Tone, Esq. Nixon Peabody LLP 50 Jericho Quadrangle, Suite 300 Garden City, NY 11753-2728

Re: Clean Water of New York - Part 360 Permit DEC Permit No. 2-6401-00065/00001

Dear Mr. Tone:

This is in regards to Clean Water of New York, Inc.'s Part 360 Permit which has an expiration date of December 17, 2000.

Pursuant to the State Administrative Procedure Act § 401(2) and 6 NYCRR § 621.13(I), when a permitee has submitted a timely and sufficient application for renewal of a permit for an activity of a continuing nature, the existing permit does not expire until the New York State Department of Environmental Conservation ("DEC") has made a final decision on the renewal application and if such application has been denied, then not until the last day for seeking review of the agency order or any later date fixed by a court. A timely renewal application for a Part 360 Permit is one which is submitted no less than 180 calendar days prior to the permit expiration (see 6 NYCRR § 621.13(a)).

Clean Water of New York, Inc. submitted a sufficient renewal application for its Part 360 Permit on March 5, 1999, which is more than 180 calendar days prior to December 17, 2000. Therefore, the existing Part 360 Permit does not expire until the New York State Department of Environmental Conservation ("DEC") has made a final decision on the renewal application and if such application has been denied, then not until the last day for seeking review of the agency order or any later date fixed by a court.

If you have any questions regarding this issue, please contact me at (718) 482-4965.

Very truly yours,

Louis P. Oliva

Regional Attorney



GENERATORS WASTE PROFILE SHEET

	Ear	th Friens	dly Methods	of Recycling
GENERATOR INFORMATION			E INFORMATION	
Generator:		Company:	i	
Mailing Address:				*
Contact: Phone:		Contact:		
Site/Project Name:				
Site Address:				
Contact:Phone:		PO #:		
WASTE INFORMATION Name of Waste:				
Detailed Waste Generating Process:				
WASTE CHARACTERISTICS				
Color: Physical State			FLASH POINT	CORROSIVITY
Odor:Solid		igle-Phased	_<100°F	_<4
Total Halogens:ppmPowder		-Layered	100-140°F	4-10 Actual
Sulfur%	M	ılti-Layered	> 140°F	= > 10
CHEMICAL COMPOSITION		TRAN	SPORTERS	
WATER	%	1.		
OIL	%	2.		
SOLIDS	9/6	3.		
	%	4.		
	%	-4.		
Did load or portion of load originate at a utility (If this load originates at a utility, you must so Does this waste contain greater than 2 ppm PCI Does this waste contain greater than 1000 ppm	end in PCB ana 3's or PCB's deri	ved from a sou	B concentration is urce greater than 2p	pm?YESNO
MANIFEST INFORMATION Proper Shipping Name:				
Anticipated Volume/Units:	=			
Frequency of Shipment:				Non-Hazardous Waste Type
Method of Shipment: Bulk Liquid D	rumOther			Code:
GENERATOR CERTIFICATION I hereby certify that all information submitted in those individuals immediately responsible for o complete to the best of my knowledge and that penalties for submitting false information include	btaining this info	rmation. I beli ards have beer	eve that the submit disclosed. I am aw	ted information is true and vare that there are significant
Signature:	Name & Title			Date:

Non-Impacted Asphalt and Concrete Recycling

Bayshore Recycling Corp.

75 Crows Mill Road Keasbey, NJ 08832



75 Crows Mill Road P.O. Box 290 Keasbey, N J 08832-0290 ph: (732) 738-6000 - fax: (732) 738-9150 www.bayshorerecycling.com

Bayshore Recycling Company Profiles

Bayshore Recycling Corp and its affiliated companies (Bayshore Soil Management, LLC, Montecalvo Disposal Services, Inc., Coastal Metal Recycling Corp.) is located on a 52-acre Eco-Park in Woodbridge Township, New Jersey. The site is centrally located close to all major thoroughfares in the tri-state region, and has improved river-front barge capabilities, active rail, and two-fully operational truck scales. Bayshore Recycling Corp is an NJDEP licensed and inspected Class-B Recycling Facility that accepts concrete, brick, block, asphalt and non hazardous ID-27 soil for recycling. These materials are screened and processed into marketable products such as clean stone, dense graded aggregate (DGA), recycled concrete aggregate (RCA), and other fill materials. These products are earmarked for use in the heavy highway and road construction industry. Bayshore Recycling Corp is also a certified "WBE" in the State of New Jersey and State of New York to assist clients in meeting Affirmative Action requirements on both State and Federal levels.

Bayshore Soil Management, LLC (formerly ESMI of New Jersey, LLC) operates a low-temperature thermal desorption unit for the treatment of soils with petroleum based contamination. Bayshore Soil Management, LLC accepts non-hazardous soils contaminated with gasoline, diesel, kerosene, jet fuel, #1-#6 fuel oil, coal tars, polycyclic aromatic hydrocarbons (PAHs). The plant uses state of the art technology to remediate the impacted material by permanently destroying hydrocarbons and other organic contaminates in the soil matrix. Thermal desorption does not compromise the geotechnical characteristics of the soil. Overall, the treatment and recycling process yields environmental benefits, as well as beneficial re-uses for the soils by creating a clean, marketable material.

Montecalvo Disposal Services, Inc. is a fully licensed NJDEP permitted Material Recovery Facility and Solid Waste Transfer Station that boasts a 75% recovery rate of recyclables from the construction and demolition material brought in. Montecalvo Disposal Services accepts Type 13 bulky material, Type 13C construction and demolition material, as well as, non hazardous ID-27 soil. The company is also a solid waste hauler that provides roll off containers and transportation services.

Coastal Metal Recycling Corp. is a scrap metal recycling facility that accepts copper, brass, aluminum, stainless, wire, and steel. Coastal Metal Recycling Corp. pays top dollar for all materials and offers transportation services. Collectively, the operations remove whatever materials can be recycled from the traditional waste stream. As a result, the only materials landfilled are items that are considered true waste. The facility has been affectionately coined as the "Mega-Mall for Recycling" by the former NJDEP Commissioner Lisa Jackson.



State of New Jersey

CHRIS CHRISTIE

Governor

KIM GUADAGNO Lt. Governor

MAIL CODE 401-02C

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION CLIMATE AND ENVIRONMENTAL MANAGEMENT SOLID AND HAZARDOUS WASTE MANAGEMENT PROGRAM 401 EAST STATE STREET, 2ND FLOOR WEST

P.O. Box 420

TRENTON, NJ 08625-0420

Telephone: (609) 292-9880

Telecopier: (609) 633-9839

BOB MARTIN

Commissioner

http://www.state.nj.us/dep/dshw/permitting.htm

RECYCLING CENTER GENERAL APPROVAL FOR CLASS B RECYCLABLE MATERIALS

FOR CONCRETE, ASPHALT, BRICK, BLOCK, SLAG, GLASS CULLET PETROLEUM CONTAMINATED SOILS, STREET SWEEPINGS, POTABLE WATER TREATMENT RESIDUALS, CARBON FILTRATION MEDIA & UNTREATED WOOD

Under the provisions of N.J.S.A. 13:1E-1 et seq. and N.J.S.A. 13:1E-99.11 et seq., known as the Solid Waste Management Act and New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 et seq., known as the Recycling Regulations, this approval is hereby issued to:

Bayshore Recycling Corp.

Facility Type:

Lot & Block Nos.:

Recycling Center for Class B Materials Lots 1, 1-B, 1-R, 2-B & 2-C; Block 51

Lot 1; Block 52

Lots 3-B, 3-R & 4-B; Block 41-C

Municipality:

Township of Woodbridge

County:

Middlesex

Facility ID No.:

132397

Permit No .:

CBG110002

This General Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection (Department).

This General Approval shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department.

December 6, 2007

Issuance Date

August 2, 2011

Modification Date

Anthony Fontana, Chief

Bureau of Transfer Stations &

Recycling Facilities

February 1, 2012 **Expiration Date**

<u>General Site Waste, Construction Waste, Clearing Debris</u> <u>and Steel Scrap</u>

Suffolk Industrial Recovery Corp dba PK Metals 3542 Route 112 Coram, New York 11727





3542 Route 112 • Coram, NY 11727 • (631) 732-6403 • Fax (631) 732-6917 www.pkmetals.com • info@pkmetals.com



September 14, 2011

Adam Ewert Entact Environmental 1010 Executive Drive Suite 280 Westmont, IL 60559

Dear Adam,

Suffolk Industrial Recovery Corp. dba PK Metals was established in 1979. PK Metals operates under NYS Scrap Processor Permit # 7081268 and NYS DEC Transporter Permit # 1A-824.

Any construction Debris, Office Waste, or Brush is dumped at a West Babylon Facility operating under Permit # 1-4720-02209/00001.

We currently recycle with National Grid USA. Our contact is Charles Keinath who can be reached @ 516-545-6181.

If you should have any questions please feel free to contact me @ 631-732-6403.

Thank you, Sincerely,

Richard Smith V.P. Operations



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF MATERIALS MANAGEMENT

PART 364

WASTE TRANSPORTER PERMIT NO. NJ-890

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

BATTAL TRUCKING, LLC 87 BRAEMAR DRIVE WAYNE, NJ 07470

CONTACT NAME: COUNTY:

SAM BATTAL OUT OF STATE

TELEPHONE NO:

(973)390-9137

PERMIT TYPE:

■ NEW

☐ RENEWAL

□ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE:

01/12/2013 **01/11/2014**

US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)	Note
ALHERN HENRY HARRIS SANITARY LANDFILL	HARRISON TOWNSHIP , N	J Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BAYSHORE RECYCLING	KEASBEY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	, , , , , , , , , , , , , , , , , , ,
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CASIE ECOLOGY OIL SALVAGE INC	VINELAND , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF CARTERET	CARTERET , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF MARYLAND	HAGERSTOWN, MD	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	h i
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Materials Management - Waste Transporter Program

625 Broadway, 9th Floor Albany, NY 12233-7251

ALITHORIZED SIGNATURE:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF MATERIALS MANAGEMENT

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-890

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01/11/2014

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

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COPLAY AGGREGATES	WHITEHALL , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil		
DEEP GREEN OF NEW YORK	NEW WINDSOR , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil		
ESMI OF NEW JERSEY	KEASBAY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil		
GROWS LANDFILL (WASTE MGT.)	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	· .	4.7
JERC PARTNERS VII/LLC	EDISON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	2/2/-	
MALANKA MILL LANDFILL	SECAUCUS, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	v s _a r	
PURE EARTH RECYCLING	VINELAND, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	2	
PURE SOIL TECHNOLOGIES	JACKSON , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	4 _	
SOIL SAFE, INC.	LOGAN TOWNSHIP , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil		
TETERBORO LANDING	TETERBORO , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	1	
TULLYTOWN LANDFILL (WASTE MANAGEMENT)	TULLYTOWN BURROUGH , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil		
WALTER R. EARLE RECYCLING CORP.	JACKSON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil		

Document No.

CITY OF NEW YORK **BUSINESS INTEGRITY COMMISSION**

7658

100 CHURCH STREET, NEW YORK, NY 10007

The issuance and retention of this license or registration is contingent upon the licensee's or registrant's compliance with the laws of the State of New York and the City of New York, the rules, regulations, and orders of the Business Integrity Commission, and the rules, regulations and orders of all Federal, State, and City agencies, now in effect or hereafter enacted.

Type:

CL.2-EXEMPT REGISTRATION

TW# 2542

Issued:

12/14/2011

Expires: 05/31/2013

Start Date:

06/01/2011

End-Date: 05/31/2013

Entity Name:

BATTAL TRUCKING LLC.

Trade-Name (D/B/A):

BATTAL TRUCKING LLC.

Principal Office:

87 BRAEMAR DR., WAYNE, NJ 07470

Principal Garage Office:

1159 GOFFLE ROAD, HAWTHRONE, NJ 07506

Mailing Address:

87 BRAEMAR DR., WAYNE, NJ 07470

Chair, Business Integrity Commission

NOT TRANSFERABLE

THIS LICENSE OR REGISTRATION MUST BE CONSPICUOUSLY DISPLAYED IN PRINCIPAL OFFICE

STATE OF DELAWARE DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENTAL CONTROL

DIVISION OF AIR & WASTE MANAGEMENT

89 Kings Highway DOVER, DELAWARE 19901



SOUD & HAZARDOUS WASTE MANAGEMENT BRANCH

TELEPHONE: (302) 739-9403 Fax No.: (302) 739-5060

DELAWARE SOLID WASTE TRANSPORTER PERMIT PERMIT NUMBER DE-SW-1307

Effective

May 14, 2012

Renewal Application Due Date: March 31, 2013

Date:

Expiration Date:

June 30, 2013

Permittee:

Battal Trucking

Street Address: 702 Ramsey Avenue

Mailing Address:

87 Braemar Drive

Hillside, NJ 07205-1012

Wayne, NJ 07470-5458

This permit, issued pursuant to the provisions of 7 Del. C. Chapters 60, shall remain in effect for the term stated above, provided the permittee is familiar with, and complies with, all terms and conditions herein.

Terms and Conditions:

- 1. This permit authorizes the permittee to transport in, out of, or through the State of Delaware the following waste types (as defined in the *Delaware Regulations Governing Solid Waste*): Municipal Solid Waste; Commercial Waste; Special Waste - Non-Hazardous Industrial Waste; Dry Waste; Special Waste - Ash; Special Waste - Non-Hazardous Petroleum-Hydrocarbon Contaminated Soils; Special Waste - Asbestos.
- 2. The permittee shall not transport the wastes identified in Condition 1 to facilities that are not authorized to receive, treat, store, transport, dispose, or recover said wastes.
- 3. Permittee shall submit, by April 1 of each calendar year, an annual report on a form provided by the Department. The report shall summarize for the preceding calendar year, actual amounts of solid waste by weight and type transported within, into, or out of the state and the destinations delivered.
- 4. Permits issued for a period greater than one year: Permittees holding multi-year permits will be invoiced for the permit renewal fee annually during the term of the permit. The permit shall remain in effect until the expiration date identified above, provided the permittee submits the permit renewal fee within the time frame stated on the received invoice.
- 5. A copy of this permit must be carried in each transport vehicle and presented upon request to any law enforcement officer or representative of the Delaware Department of Natural Resources and Environmental Control (DNREC).
- 6. Only those vehicles identified in the application for this permit shall be used to transport the wastes identified in Condition 1. All vehicles shall be operated in accordance with the Delaware Regulations Governing Solid Waste (DRGSW), Section 7: Transporters.
- 7. The permittee's name shall be prominently displayed on both sides of the vehicle (motorized and containerized units) in figures at least 3 inches high and of a color that contrasts with the color of the vehicle.
- 8. The permittee's permit number shall be prominently displayed on both sides and the rear of the

Delaware's good nature depends on you!



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF MATERIALS MANAGEMENT

PART 364

WASTE TRANSPORTER PERMIT NO. NJ-890

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

PERMIT TYPE:

BATTAL TRUCKING, LLC 87 BRAEMAR DRIVE **WAYNE, NJ 07470**

■ NEW ☐ RENEWAL

CONTACT NAME:

■ MODIFICATION

COUNTY:

SAM BATTAL **OUT OF STATE** EFFECTIVE DATE: **EXPIRATION DATE:** 01/12/2013 01/11/2014

TELEPHONE NO:

(973)390-9137

US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

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BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CASIE ECOLOGY OIL SALVAGE INC	VINELAND, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF MARYLAND	HAGERSTOWN, MD	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	······································
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

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New York State Department of Environmental Conservation Division of Materials Management - Waste Transporter Program

625 Broadway, 9th Floor Albany, NY 12233-7251

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-890

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

PERMIT TYPE:

BATTAL TRUCKING, LLC 87 BRAEMAR DRIVE WAYNE, NJ 07470

■ NEW

□ RENEWAL

□ MODIFICATION

CONTACT NAME: COUNTY:

SAM BATTAL OUT OF STATE EFFECTIVE DATE: EXPIRATION DATE:

01/12/2013 **01/11/2014**

TELEPHONE NO:

(973)390-9137

US EPA ID NUMBER:

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00 E(7(10)110)

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

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JERC PARTNERS VII/LLC	EDISON , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
MALANKA MILL LANDFILL	SECAUCUS , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
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Document No.

BUSINESS INTEGRITY COMMISSION

100 CHURCH STREET, NEW YORK, NY 10007

B 7658

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Type: CL.2-EXEMPT REGISTRATION

TW# 2542

Issued: 12/1

12/14/2011 Exp

Expires: 05/31/2013

Start Date: 06/01/2011

End-Date: 05/31/2013

Entity Name: BATTAL TRUCKING LLC.

Trade-Name (D/B/A): BATTAL TRUCKING LLC.

Principal Office: 87 BRAEMAR DR., WAYNE, NJ 07470

Principal Garage Office: 1159 GOFFLE ROAD, HAWTHRONE, NJ 07506

Mailing Address: 87 BRAEMAR DR., WAYNE, NJ 07470

Chair, Business Integrity Commission

NOT TRANSFERABLE

THIS LICENSE OR REGISTRATION MUST BE CONSPICUOUSLY DISPLAYED IN PRINCIPAL OFFICE

STATE OF DELAWARE DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENTAL CONTROL DIVISION OF AIR & WASTE MANAGEMENT

89 Kings Highway DOVER, DELAWARE 19901



SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

TELEPHONE: (302) 739-9403 (302) 739-5060 Fax No.:

DELAWARE SOLID WASTE TRANSPORTER PERMIT PERMIT NUMBER DE-SW-1307

Effective

May 14, 2012

Renewal Application Due Date: March 31, 2013

Date:

Expiration Date:

June 30, 2013

Permittee:

Battal Trucking

Street Address: 702 Ramsey Avenue

Mailing Address:

87 Braemar Drive

Hillside, NJ 07205-1012

Wayne, NJ 07470-5458

This permit, issued pursuant to the provisions of 7 Del. C. Chapters 60, shall remain in effect for the term stated above, provided the permittee is familiar with, and complies with, all terms and conditions herein.

Terms and Conditions:

- 1. This permit authorizes the permittee to transport in, out of, or through the State of Delaware the following waste types (as defined in the Delaware Regulations Governing Solid Waste): Municipal Solid Waste; Commercial Waste; Special Waste - Non-Hazardous Industrial Waste; Dry Waste; Special Waste - Ash; Special Waste - Non-Hazardous Petroleum-Hydrocarbon Contaminated Soils; Special Waste - Asbestos.
- 2. The permittee shall not transport the wastes identified in Condition 1 to facilities that are not authorized to receive, treat, store, transport, dispose, or recover said wastes.
- 3. Permittee shall submit, by April 1 of each calendar year, an annual report on a form provided by the Department. The report shall summarize for the preceding calendar year, actual amounts of solid waste by weight and type transported within, into, or out of the state and the destinations delivered.
- 4. Permits issued for a period greater than one year: Permittees holding multi-year permits will be invoiced for the permit renewal fee annually during the term of the permit. The permit shall remain in effect until the expiration date identified above, provided the permittee submits the permit renewal fee within the time frame stated on the received invoice.
- 5. A copy of this permit must be carried in each transport vehicle and presented upon request to any law enforcement officer or representative of the Delaware Department of Natural Resources and Environmental Control (DNREC).
- 6. Only those vehicles identified in the application for this permit shall be used to transport the wastes identified in Condition 1. All vehicles shall be operated in accordance with the Delaware Regulations Governing Solid Waste (DRGSW), Section 7: Transporters.
- 7. The permittee's name shall be prominently displayed on both sides of the vehicle (motorized and containerized units) in figures at least 3 inches high and of a color that contrasts with the color of the vehicle.
- 8. The permittee's permit number shall be prominently displayed on both sides and the rear of the

Delaware's good nature depends on you!



PART 364 WASTE TRANSPORTER PERMIT NO. 4A-314

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

CEDAR HILL TRUCKING, INC. 1021 RIVER ROAD SELKIRK, NY 12158-1510

CONTACT NAME: COUNTY:

TELEPHONE NO:

HOWARD C. VAGELE, JR.

ALBANY (518)767-9608

PERMIT TYP	E:
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□ NEW
□ RENEWAL
■ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER:

10/29/2010 09/30/2011 NYR000158469

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)					
110 Sand Company Clean Fill Disposal Site	Melviile , NY	Non-Hazardous Industrial/Commercial					
		Petroleum Contaminated Soil					
Albany Rapp Road	Albany , NY	Non-Hazerdous Industria://Commercial					
	•	Waste Tires					
		Petroleum Contaminated Scil					
	<u> </u>	Sludge from Sewage or Water Supply Treatment Plant					
ALBANY TANK SERVICES	SELKIRK NY	Non-Hazardous Industrial/Commercial					
•		Petroleum Contaminated Soil					
		Waste Oil					
Chemung County Solid Waste Management District	E:mira , NY	Non-Hazardous Industrial/Commercial					
		Petroleum Contaminated Soil					
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hazardous Industrial/Commercial					
		Petroleum Contaminated Soil					
CLINTON COUNTY LANDFILL	MORRISONVILLE, NY	Non-Hazardous Industrial/Commercial					
<u></u>		Petroleum Contaminated Soil					
Colonie (T) Sanitary Landfill	Cohoes , NY	Non-Hazardous Industrial/Commercial					
		Petroteum Contaminated Soil					
CWM CHEMICAL SERVICES LLC	MODEL CITY , NY	Non-Hazardous Industrial/Commercial					
		Asbestos					
		Petroleum Contaminated Soil					

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Solid & Hazardous Materials - Waste Transporter Program 625 Broadway, 9th Floor Albany, NY 12233-7253

AUTHORIZED SIGNATURE: MUTugur Date: 19 1 24 1

PART 364 WASTE TRANSPORTER PERMIT NO. 4A-314

Pursuant to Article 27 Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

CEDAR HILL TRUCKING, INC. 1021 RIVER ROAD SELKIRK, NY 12158-1510

CONTACT NAME:

COUNTY: TELEPHONE NO: HOWARD C. VAGELE, JR. ALBANY

(518)767-9608

PERM	IT	TYF	E:
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□ NEW ☐ RENEWAL **■** MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE:

10/29/2010 09/30/2011 US EPA ID NUMBER: NYR000158469

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)
CWM CHEMICAL SERVICES LLC	MODEL CITY, NY	Hazardous Industrial/Commercial Waste Oil
DEEP GREEN OF NEW YORK	NEW WINDSOR , NY	Non-Hazardous Industrial/Commercial Petrolaum Contaminated Soil
Delaware County SWMF	Waiton , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
Development Authority of the North Country Landfill	Rodman (T) , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
ESMI OF NEW YORK	FORT EDWARD, NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
FRANKLIN COUNTY LANDFILL	CONSTABLE, NY	Non-Hazardous Industrial/Commercial
FULTON COUNTY LANDFILL	YN NWOTSNHOL	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
HYLAND LANDFILL	- ANGELICA , NY	Non-Hazardous Industria/Commercial
MILL SEAT LANDFILL	BERGEN , NY	Non-Hazardous Industriai/Commercial Asbestos Petroleum Contaminated Soil
	······································	Sludge from Sewage or Water Supply Treatment Plant
ONSIDA-HERKIMER REGIONAL LANDFILL	BOONVILLE, NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
Ontario County Sanitary Landfill	Stanley , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soit
SENECA MEADOWS LANDFILL	WATERLOO, NY	Non-Hazardous Industrial/Commercial Waste Tires Petroleum Contaminated Soil Sludge from Sewage or Water Supply Treatment Plant
WASTE MANAGEMENT OF NY - HIGH ACRES LANDFILL	FAIRPORT, NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soi: Sludge from Sewage or Water Supply Treatment Plant

PART 364 WASTE TRANSPORTER PERMIT NO. 4A-314

	Pursuant to Article 27,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364							
PERMIT ISSUED TO:		PERMIT TYPE:						
CEDAR HILL TRUCKING 1021 RIVER ROAD SELKIRK, NY 12158-1510		□ NEW □ RENEWA ■ MODIFIC						
CONTACT NAME: COUNTY: TELEPHONE NO:	HOWARD C. VAGELE, JR. ALBANY (518)767-9608	EFFECTIVE DATE: EXPIRATION DATE US EPA ID NUMBE						
·	erate the Following Vehicles to Transpo		, - IV)					
22 (Twenty Two) Permitted Vehicle			-21					
NY 102080 NY 103083 NY 1050C5 NY 1051C5 NY 1091C5 NY 110784 NY 1173C5								
NY 119180 NY 119384 NY 127281 NY 16198JB NY 366487								
NY 69701PA NY AA10180		•						

NY AD80325 NY AE65965 NY AE65993 NY AE66000 NY AE66022 NY AE66022 NY AR85395 NY AV96868 End of List



PART 364 WASTE TRANSPORTER PERMIT NO. NJ-850

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

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	RMIT	16.61	11-11	1111

CUENCA CORONEL TRUCKING, INC. 275 N. 12TH STREET **NEWARK, NJ 07107**

CONTACT NAME:

COUNTY: TELEPHONE NO: MAURO CUENCA OUT OF STATE

(973)842-8937

PERMIT TYPE:

□ NEW ☐ RENEWAL

■ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER: 06/24/2011 04/03/2012

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)
BAYSHORE RECYCLING CORPORATION	KEASBEY, NJ	Non-Hazardous Industrial/Commercial
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Non-Hazardous Industrial/Commercial
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hazardous (industrial/Commercial
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Non-Hazardous industrial/Commercial
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY , NJ	Non-Hazardous Industrial/Commercial
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Non-Hazardous Industrial/Commercial
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE . PA	Non-Hazardous Industrial/Commercial
HENRY HARRIS SLF	MULLICA HILL, NJ	Non-Hazardous Industrial/Commercial
JERC PARTNERS VII/LLC	EDISON , NJ	Non-Hazardous Industrial/Commercial
MALANKA MILL LANDFILL	SECAUCUS , NJ	Non-Hezerdous Industrial/Commercial
MIDDLESEX COUNTY UTILITIES AUTHORITY	EAST BRUNSWICK , NJ	Non-Hazurdous industrial/Commercial
SOIL SAFE, INC.	LOGAN TOWNSHIP., NJ	Non-Hazardous Industrial/Commercial
TETERBORO LANDING	TETERBORO , NJ	Non-Hazardous Industrial/Commercial

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Environmental Remediation - Waste Transporter Program 625 Broadway, 11th Floor Albany, NY 12233-7020 y, NY 12233-1420 C. aversa
Date: 4 D412011

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-850

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Lew and 6 NYCRR 364

PERMIT ISSUED TO:		PERMIT TYPE:	
CUENCA CORONEI 275 N. 12TH STREE NEWARK, NJ 07107	ET .	☐ NEW ☐ RENEWAL ■ MODIFICATION	
CONTACT NAME: COUNTY: TELEPHONE NO:	MAURO CUENCA OUT OF STATE (973)842-8937	EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER:	06/24/2011 04/03/2012
AUTHORIZED VEHICLES: The Permittee is Authorized	to Operate the Following Vehicles to Trans	sport Waste: ul Rosidential Raw Sowage and/or Septage only)	
17 (Seventeen) Permitted \		ai Rosideilliai Raw Sowago andidi Sopiago diny)	
TT (equality)			
NJ AH847Y			
NJ AK202S			
NJ AL2188 NJ AL2198			
NJ ALZSES			
NJ AL294U			
NJ AL453A			
NJ AL616K			
NJ AL624B			
NJ AL961P			
NJ AL983P			
NJ AM150R NJ AM536A			
NJ AM818N			
NJ AMBBOC			
NJ AN350A			
NJ ANS81J		÷	

End of List

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PART 364

WASTE TRANSPORTER PERMIT NO. NJ-864

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERM		

PERMIT TYPE:

DABIN TRUCKING, INC. T/A AMV TRUCKING

190 DRAKE LANE

LEDGEWOOD, NJ 07852

□ NEW

☐ RENEWAL

MODIFICATION

CONTACT NAME: COUNTY:

STACY DABIN **OUT OF STATE** **EFFECTIVE DATE:**

05/31/2013

TELEPHONE NO:

EXPIRATION DATE:

01/10/2014

(201)874-7747

US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)	Note		
BAYSHORE RECYCLING CORPORATION	KEASBEY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
CASIE ECOLOGY OIL SALVAGE INC	VINELAND, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
CLEAN EARTH OF MARYLAND	HAGERSTOWN, MD	Non-Hazardous industrial/Commercial Petroleum Contaminated Soil			
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE, DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	***************************************		
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	-		
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			
COPLAY AGGREGATES	WHITEHALL, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Materials Management - Waste Transporter Program

625 Broadway, 9th Floor Albany, NY 12233-7251

PART 364

WASTE TRANSPORTER PERMIT NO. NJ-864

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

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PERMIT TYPE: □ NEW

DABIN TRUCKING, INC. T/A AMV TRUCKING 190 DRAKE LANE

☐ RENEWAL

LEDGEWOOD, NJ 07852

■ MODIFICATION

CONTACT NAME:

STACY DABIN

EFFECTIVE DATE:

COUNTY:

OUT OF STATE

EXPIRATION DATE:

TELEPHONE NO:

(201)874-7747

05/31/2013 01/10/2014

US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)	Note
CUMBERLAND COUNTY IMPROVEMENT AUTHORITY	MILLVILLE, NJ	Non-Hazardous industrial/Commercial Petroleum Contaminated Soil	
DEEP GREEN OF NEW YORK	NEW WINDSOR, NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
ESMI OF NEW JERSEY	KEASBEY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
EVERGREEN RECYCLING	NEWARK , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
FENIMORE SANITARY LANDFILL	ROXBURY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
GROWS LANDFILL (WASTE MGT.)	MORRISVILLE, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
GROWS WASTE MGT OF PA (NORTH)	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
HAZLETON CREEK PROPERTIES, LLC	HAZLETON, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
HENRY HARRIS SLF (ALHERN, INC.)	MULLICA HILL , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
IMPACT REUSE AND RECOVERY CENTER	LYNDHURST, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
JERC PARTNERS VII/LLC	EDISON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
MALANKA MILL LANDFILL	SECAUCUS, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
MIDDLESEX LOGISTIC CENTER	EDISON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PROSPECT PARK QUARRY	PROSPECT PARK, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE EARTH RECYCLING	VINELAND, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE SOIL TECHNOLOGIES	JACKSON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-864

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:	PERMIT TYPE:
DABIN TRUCKING, INC. T/A AMV TRUCKING 190 DRAKE LANE LEDGEWOOD, NJ 07852	□ NEW □ RENEWAL ■ MODIFICATION

CONTACT NAME: COUNTY:

STACY DABIN OUT OF STATE

(201)874-7747 TELEPHONE NO:

EFFECTIVE DATE: **EXPIRATION DATE:** 05/31/2013 01/10/2014

US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
SANTILLI COMMERCIAL DEVELOPMENT	KINGS PARK , NY .	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
SOIL SAFE, INC.	LOGAN TOWNSHIP , N.	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TETERBORO LANDING	TETERBORO, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TOTAL RECYCLING CORPORATION FULLERTON SLAG BANK	ALLENTOWN , PA	Non-Hazardous industrial/Commercial Petroleum Contaminated Soil	
TULLYTOWN RESOURCE RECOVERY FACILITY	TULLYTOWN , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	,
WALTER R. EARLE RECYCLING CORP.	JACKSON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-864

	Pursuant to Article 27, Titles 3	and 15 of the Environmental	Conservation Law and 6 NYCR	R 364			
PERMIT ISSUED TO:			PERMIT TYPE:				
DABIN TRUC 190 DRAKE L LEDGEWOO		CKING	□ NEW □ RENEWAL ■ MODIFICAT	ION			
CONTACT NAME: COUNTY: TELEPHONE NO:	OUT OF STATE (201)874-7747		EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER:	05/31/2013 01/10/2014			
	HICLES: Authorized to Operate the Follow Pehicles enclosed in <>'s are authorized.			only)			
90 (Ninety) Permi	tted Vehicle(s)						
NJ AK176A NJ AK201S NJ AK485D NJ AK597T NJ AK857W NJ AK893Y NJ AL116A NJ AL116A NJ AL190P NJ AL312C NJ AL794W	NJ AN520R NJ AN546M NJ AN548V NJ AN581J NJ AN584H NJ AN700H NJ AN707G NJ AN732R NJ AN754W NJ AN786K NJ AN807S NJ AN809P						
NJ AL939 NJ AL939V NJ AL975N NJ AM110T NJ AM112H NJ AM219Z NJ AM295T NJ AM2957 NJ AM3957 NJ AM612M NJ AM680T NJ AM687R	NJ AN816L NJ AN828W NJ AN850X NJ AN868Z NJ AN869Z NJ AN898U NJ AN951K NJ AN969R NJ AN983L NJ AN983X NJ AP140C NJ AP191K		*				
NJ AM880C NJ AM991T NJ AN107L NJ AN109E NJ AN113A NJ AN114A NJ AN181J NJ AN206Z NJ AN206Z NJ AN2353S NJ AN381D NJ AN381D NJ AN381W	NJ AP210F NJ AP244C NJ AP294C NJ AP391B NJ AP400B NJ AP419H NJ AP451M NJ AP451M NJ AP508N NJ AP533B NJ AP537C NJ AP651E						
NJ AN396Z NJ AN397Z NJ AN404P NJ AN421H NJ AN470U NJ AN484A NJ AN509W NJ AN510W	NJ AP653A NJ AP709K NJ AP710K NJ AP884D NJ AP885D NJ AP897M NJ AP964K NY 19568PC End of List		• ,				

WASTE TRANSPORTER PERMIT

GENERAL CONDITIONS

The permittee must:

- 1. Carry a copy of this waste transporter permit in each vehicle to transport waste. Failure to produce a copy of the permit upon request is a violation of the permit.
- 2. Display the full name of the transporter on both sides of each vehicle and display the waste transporter permit number on both sides and rear of each vehicle containing waste. The displayed name and permit number must be in characters at least three inches high and of a color that contrasts sharply with the background.
- 3. Transport waste only in authorized vehicles. An authorized vehicle is one that is listed on this permit.
- 4. Submit to the Department a modification application for additions/deletions to the authorized fleet of vehicles. The permittee must wait for a modified permit to be issued before operating the vehicles identified in the modification application.
- 5. Submit to the Department a modification application to add a new waste category or a new destination facility, or to change the current waste or destination facility category. The permittee must wait for a modified permit before transporting new waste types or transporting to new destination facilities.
- 6. Submit to the Department a modification application for change of address or company name.
- 7. Comply with requirements for placarding and packaging as set forth in New York State Transportation Law as well as any applicable federal rules and regulations.
- 8. Contain all wastes in the vehicle so there is no leaking, blowing, or other discharge of waste.
- 9. Use vehicles to transport only materials not intended for human or animal consumption unless the vehicle is properly cleaned.
- 10. Comply with requirements for manifesting hazardous waste, regulated medical waste, or low-level radioactive waste as set forth in the New York State Environmental Conservation Law and the implementing regulations.
- 11. Deliver waste only to transfer, storage, treatment and disposal facilities authorized to accept such waste. Permittee must demonstrate that facilities are so authorized if requested to do so.
- 12. Maintain liability insurance as required by New York State Environmental Conservation Law.
- 13. Maintain records of the amount of each waste type transported to each destination facility on a calendaryear basis. The transporter is obligated to provide a report of this information to the Department at the time of permit renewal, or to any law enforcement officer, if requested to do so.
- 14. Pay regulatory fees on an annual basis. Non-payment may be cause for revocation or suspension of permit.
- 15. This permit is not transferrable. A change of ownership will invalidate this permit.
- 16. This permit does not relieve the permittee from the obligation to obtain any other approvals or permits, or from complying with any other applicable federal, state, or local requirement.
- 17. Renewal applications must be submitted no less than 30 days prior to the expiration date of the permit to:

New York State Department of Environmental Conservation Division of Materials Management, Waste Transporter Program 625 Broadway, 9th Floor Albany, NY 12233-7251



PART 364 WASTE TRANSPORTER PERMIT NO. NJ-471

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

J & D TRUCKING, INC. 3526 NORTHWEST BOULEVARD VINELAND, NJ 08360

CONTACT NAME: COUNTY: TELEPHONE NO WILLIAM L. DURHAM, JR. OUT OF STATE

(856)691-5145

PERMIT TYPE:

□ NEW
■ RENEWAL
□ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER 01/21/2011 01/20/2012 NJR000029967

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed

Destination Facility	Location	Waste Type(s)
A&M COMPOSTING	MANHEIM , PA	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soil
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Non-Hazardous industrial/Commercial
		Petroleum Contaminated Soil
BROCKE COUNTY LF	COLLIERS , WV	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soil
CARTERET(CLEAN EARTH)	CARTERET . NJ	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soil
CASIE ECOLOGY OIL SALVAGE INC	VINELAND , NJ	Non-Hazardous industrial/Commercial
		Petroleum Contaminateo Soil
		Hazardous Industrial/Commercial
		Waste Oil
CLEAN EARTH OF MARYLAND	HAGERSTOWN, MD	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soil
CLEAN EARTH OF NEW CASTLE, INC	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soil
		Hazardous Industrial/Commercial
		Waste Oil
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY NJ	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soil

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Solid & Hazardous Materials - Waste Transporter Program 625 Broadway, 9th Floor Albany, NY 12233-7253

AUTHORIZED SIGNATURE:

MA a run Date: 1, K, NOTICE

This renewed permit is not valid until the effective date listed on the permit

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-471

Pursuant to Arkide 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

J & D TRUCKING, INC. 3526 NORTHWEST BOULEVARD VINELAND, NJ 08360

CONTACT NAME. COUNTY. TELEPHONE NO

WILIAM L. DURHAM, JR. OUT OF STATE (856)691-5145 PERMIT TYPE:

□ NEW

RENEWAL MODIFICATION

EFFECTIVE DATE EXPIRATION DATE US EPA ID NUMBER 01/21/2011 01/20/2012 NJR000029967

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed.

Destination Facility	Location	Waste Type(s)
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY , NJ	Hazardous Industrial/Commercial Waste Oil
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Non-Hazardous (ndustrial/Commercial) Petroleum Contaminated Soil
CUMBERLAND COUNTY IMPROVEMENT AUTHORITY	MILLVILLE NJ	Non-Hazardous industrial/Commercial
CUMBERLAND COUNTY LANDFILL	SHIPPENSBURG PA	Non-rtazardous Industria/Commercial Petroleum Contaminated Soil
CVM CHEMICAL SERVICES LLC	MODEL CITY, NY	Non-Hazardous industrial/Commercial Waste Tires Astestos Petroleum Contaminated Soil Non-Residential Raw Sewage or Sewage-Contaminated Wastes Hazardous Industrial/Commercial
ENVIRITE OF PENNSYLVANIA	YCRK, PA	Non-Hazardous industrial/Commercia: Asbestos Petroleum Contaminated Soi: Hazardous Industrial/Commercial Waste Oii
ESMI OF NEW JERSEY	KEASBAY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminates Soil
GLOUCESTER COUNTY INFROVEMENT AUTHORITY	SWEDESBORO, NJ	Non-Hazardous Industrial/Commercial
GROWS LANDFILL (WASTE MGT)	MORRISVILLE PA	Non-Hazardous Industrial/Commercial Pétroleum Contaminated Soil
JERO PARTNERS VIPLLO	EDISON , NJ	Non-Hazardous industnat/Commercial Petroleum Contaminated Soil
LEH GH VALLEY RECYCLING	COPLAY , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
MALANKA MILL LANDFILL	SECAUCUS NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
NEW YORK TERMINALS	ELIZABETH , NJ	Non-Hazardous Industrial/Commercial

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) **

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-471

Pursuant to Article 27,7 ities 5 and 15 of the Environmental Conservation Law and 6 NYCRR 364

Р	FR	MI	TI	SS	115	- D	TO	ŀ

J & D TRUCKING, INC. 3526 NORTHWEST BOULEVARD VINELAND, NJ 08360

CONTACT NAME: COUNTY: TELEPHONE NO:

WILLIAM L. DURHAM, JR OUT OF STATE (856)691-5145 EFFECTIVE DATE EXPIRATION DATE: US EPA ID NUMBER:

PERMIT TYPE:

□ NEW

RENEWAL

☐ MODIFICATION

01/21/2011 01/20/2012 NJR000029967

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed

Destination Facility	Location	Waste Type(s)
NEW YORK TERMINALS	ELIZABETH , NJ	Hazardous Industrial/Commercial Waste Oil
NYSEW RAILWAY NORTH BERGEN NU	NORTH BERGEN NJ	Non-Hazardous Industnat/Commercial Hazardous Industnat/Commercial
PIONEER CROSSING LANDFILL	BIROSBORO , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
REPUBLIC ENVIRONMENTAL SYSTEMS (PA) INC	HATFIELD , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Grease Trap Waste Hazardous Industrial/Commercial Waste Oil
SAFETY-KLEEN SYSTEMS, INC	LINDEN , NJ	Non-Hazardous industrial/Commercial Hazardous Industrial/Commercial Waste Oil
SAFETY-KLEEN SYSTEMS, INC	BUFFALO NY	Non-Hazardous Industrial/Commercial Waste Oil
SOIL SAFE, INC	LOGAN TOWNSHIP NJ	Non-Hazardous Industrial/Commercial
STAGGS LEAP	MULLICA HILL , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
TETERBORO LANDING	TETERBORO , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
WETZEL COUNTY LANDFILL	NEW MARTINSVICLE WV	Non-Hazardous (industrial/Commercial) Petroleum Contaminated Soil
WHITE PINES LANDFILL .	MILLVILLE , PA	Non-Hazardous Industrial/Conferencial Asbestos Petroleum Contaminated Soil

NOTICE

This renewed permit is not valid until the effective date listed on the permit

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-471

	Pulsuant to Astrona 27. Titles 3 and 15 of the	Environmental Conservation Eaw and 6 NYCRR 364				
PERMIT ISSUED	ro:	PERMIT TYPE:				
J & D TRUCKING	E INC	□ NEW				
	ST BOULEVARD	■ RENEWAL				
VINELAND, NJ 0	8360	☐ MODIFICATION				
CONTACT NAME:	WILLIAM L DURHAM, JR	EFFECTIVE DATE.	01/21/2011			
COUNTY	OUT OF STATE	EXPIRATION DATE:	01/20/2012			
TELEPHONE NO.	(856)691-5145	US EPA ID NUMBER	NJR000029967			
AUTHORIZED VEHICL	FS					
	rized to Operate the Following Vehicles to Transport	Wasta:				
	-					
•	(Vendes endosed in <>'s are authorized to hauf ਜੋਵਾਂ	sideurs, HRM Sewade P. (70), Sehrade (101)				
55 (Fifty Five) Permitted	d Vehicle(s)					
NJ ACSBSY	NJ AM954Y					
NJ AE299G	NJ AM955Y					
NJ AG485N	NJ AN4698					
NJ AP186X	NU T18D4M					
NJ AJ120G	NJ TROPSX					
NJ AJ137N	NJ T36N78					
NJ AJ184R	NJ T37N7B					
NJ AJ201D	NJ T75D4U					
NJ AJ228S	NJ T82G9M					
NJ AJ295B	NJ TAFSOK					
NJ AJ432T	End of list					
NJ A3475Y						
NJ AJ504T						
NJ AJ583T						
NJ AK162F						
NJ AK163F						
NJ AK271R						
NJ AK355V						
NJ AK458C						
NJ AKSBOT						
NJ AKSOTE						
NJ AKS18Y						
NJ AL:04U						
NJ AL116Z						
NJ AL143S		•				
NJ AL196L						
NJ AL477W						
NJ AL478W						
NJ AL487L						
NJ AL708V						
NJAL751D						
NJ A1.752D						
N3 AL753D						
NJ AL918W						
NJ AM113B						
NJ AM415P						
NJ AM469H						

NJ AM740D NJ AM740D NJ AM742D NJ AM742D

NJ AM744F NJ AM748D NJ AM924H NJ AM953Y



PART 364 WASTE TRANSPORTER PERMIT NO. NJ-801

Pursuant to Article 27, Titles, 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

R&B DEBRIS, LLC 5900 SYLON BOULEVARD HAINESPORT, NJ 08036

CONTACT NAME: COUNTY:

RONALD W. BRIDGES

OUT OF STATE

TELEPHONE NO:

(609)261-8092

PERMIT TYPE:

□ NEW

■ RENEWAL

□ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE:

09/28/2011 09/27/2012

US EPA ID NUMBER:

NJR000066803

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)	Note
A&M COMPOSTING	MANHEIM , PA	Sludge from Sewage or Water Supply Treatment Plant	many managed by more and a decody publical
BAYSHORE RECYCLING	KEASBEY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	Market Control of the
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Non-Hazardous Industrial/Commercial	- Seagn-1886 - g-ar- incomper
BROOKE COUNTY LF	COLLIERS , WV	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Grease Trap Waste	The state of the s
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	m. yoursenson any property and the seasons a
CLEAN EARTH OF MARYLAND	HAGERSTOWN, MD	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	7
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE, DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	**************************************
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY , NJ	Non-Hazardous Industrial/Commerçial Petroleum Contaminated Soil Hazardous Industrial/Commercial	சம்பட்டன் - சம் _ச வத்திர புழுத்தி
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	erine network niger access to the second
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	.MORRISVILLE , PA	Non-Hazardous Industrial/Commercial	Odici (Micropi) e vice neg zaplava, aza zaza z

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By accepta	ince of this per	mit, the p	ermittee agi	rees that t	the permit	is conti	ngent upon	strict co	mplian	ce with
the Environmental	Conservation	Law, all a	pplicable re	gulations,	and the C	General	Conditions	printed ·	on the I	back of
this page.	A 18 18 18 18 18 18 18 18 18 18 18 18 18				•					

ADDRESS:

New York State Department of Environmental Conservation Division of Environmental Remediation - Waste Transporter Program 625 Broadway, 11th Floor ្សិAlba្ពស្រុំ NY 12233-7020

AUTHORIZED	SIGNATURE:	Just	Ü	aven	Date:	8,	$2\ell_r$	20	1/
All gare the graph of the					-				

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-801

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:	P	ER	MIT	ISS	UE	D TO
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R&B DEBRIS, LLC 5900 SYLON BOULEVARD HAINESPORT, NJ 08036

CONTACT NAME: COUNTY:

RONALD W. BRIDGES OUT OF STATE

TELEPHONE NO:

(609)261-8092

PERMIT TYPE:

□ NEW

■ RENEWAL

☐ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER:

09/28/2011 09/27/2012 NJR000066803

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

37 (Thirty Seven) Permitted Vehicle(s)

NJ AE405Z NJ AG107L NJ AH186V NJ AH454T NJ AH454T NJ AJ804J NJ AK271R NJ AK275A NJ AK540X NJ AK879K NJ AL387N NJ AL431N NJ AL4360B NJ AL798J NJ AL950M NJ AM116U NJ AM205J NJ AM206J NJ AM206J NJ AM245E NJ AM329B NJ AM433S NJ AM550T NJ AM563G NJ AM655V NJ AM656V NJ AM802R NJ AM838K NJ AM851N NJ AM911G NJ AM911G NJ THD57S NJ THD68S NJ THD69S NJ THD69S NJ THD78S

NJ THD79S NJ THD80S NJ THD81S End of List



PART 364 WASTE TRANSPORTER PERMIT NO. 5A-735

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 384

PERM	T	ISS	UEI) TO:

PERMIT TYPE:

R. GALUSHA TRANSPORT, LLC 1380 TOWPATH LANE FORT EDWARD, NY 12828

NEW
RENEWAL
MODIFICATION

CONTACT NAME: COUNTY:

TELEPHONE NO:

GREGORY D. LIEBL/KELLIE SABOSKI-OFFICE MGR. EFFECTIVE DATE:

WASHINGTON

(518)747-2065

EXPIRATION DATE: US EPA ID NUMBER: 01/20/2011 01/19/2012 NYR000158691

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)
Clinton County Landfill	Marrisonville , NY	Petroleum Contaminated Soil
CLINTON WWTP	CLINTON , NY	Non-Hazardous Industrial/Commercial
	•	Hazardous Industrial/Commercial
Colonia (T) Santary Landfill .	Cohoes , NY	Petroleum Contaminated Soll
CWM CHEMICAL SERVICES LLC	MODEL CITY, NY	Non-Hazardous Industrial/Commercial
•		Asbestos
• •		Petroleum Contaminated Soli
•		Hazardous industrial/Commercial
		Waste Oil
ESMI OF NEW HAMPSHIRE	LOUDON', NH	Petroleum Contaminated Soil
ESMI OF NEW YORK	FORT EDWARD, NY	Petroleum Contaminated Solf
FULTON COUNTY LANDPILL	YN , MWOTSNHOL	Petroleum Contaminated Soll
High Acres Western Expansion Landfill	Fairport , NY	Non-Hazardous Industrial/Commercial
,		Petroleum Contaminated Soil
ONE/DA-HERKIMER SOLID WASTE AUTHORITY	AVA . NY	Fetroleum Contaminated Soil
Ontario County Sanitary Langfill ,	Stanley , NY	Non-Hazardous Industris/Commercial
		Petroleum Contaminated Soll
Seneca Meadows LF	Waterloo , NY	Non-Hazardous Industria/Commercial
		Waste Tires
		Petroleum Contaminated Soil
)	

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Solid & Hazardous Materials - Waste Transporter Program 625 Broadway, 9th Floor Albany, NY 12233-7253

PART 364 WASTE TRANSPORTER PERMIT NO. 5A-735

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NY CRR 364

PERMIT ISSUED TO:

R. GALUSHA TRANSPORT, LLC 1380 TOWPATH LANE FORT EDWARD, NY 12828

PERMIT TYPE:

DNEW RENEWAL

☐ MODIFICATION

CONTACT NAME:

COUNTY:

WASHINGTON

GREGORY D. LIEBLIKELLIE SABOSKI-OFFICE MGR. EFFECTIVE DATE: **EXPIRATION DATE:** 01/20/2011 01/19/2012

TELEPHONE NO:

(518)747-2065

US EPA ID NUMBER:

NYR000158691

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

16 (Sixteen) Permitted Vehicle(s)

NH T152505

- NY 69317KA

NY 69442KA

NY 95748JX

NY AM67493

NY AP37446

NY AR77091

NY AR77093

NY AT26426

NY AT26725

NY AUS0710

NY AU50711

NY AV35102

NY AV35629 NY AW57373

NY AW64872

End of List



PART 364 WASTE TRANSPORTER PERMIT NO. 2A-502

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

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SHAMROCK MATERIALS LLC 100 ST. MARY'S AVENUE 3RD FLOOR STATEN ISLAND, NY 10305

CONTACT NAME COUNTY: TELEPHONE NO: JOHN CORBETT RICHMOND (716)273-9223 PERMIT TYPE:

□ NEW
□ RENEWAL
■ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER

08/02/2011 02/19/2012 NYR000136820

Note

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed

Destination Facility	Location	Waste Type(a)
ACHEEN HENRY HARRIS SANITARY LANDELL	HARRISON TOWNSHIP IN	Non-riezardous industris (Commercia)
		Pstrolaum Conteminated Soil
BAYSHORE RECYCLING	KEASBEY NJ	Non-Hazerdous Industrial/Commercial
		Petrolrum Comeminated Soil
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAVE NJ	Non-Haza dous Industrial/Commercia:
		Patroleum Contaminated Soli
CASIE ECOLOGY OIL SALVAGE	VINELAND , NL	Non-Hazardous industrial/Ocentricial
		Petroleum Contemineted Soli
		Hazarosus Industrial/Commercial
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hezardous Industriel/Commercial
		Petroleum Contaminated Soli
CLEAN EARTH OF MARYLAND	HAGERSTOWN , MD	Non-Hezerougs Industrial/Commercial
		Pelmieum Contaminated Soil
CLEAN EARTH OF NEW CASTLE, INC	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial
		Petroleum Contamineted Soil
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY , NJ	Non-trazerdous (raustrial/Commercial
		Petroleum Conteminated Soil
		Hazercous Industrial/Commercial
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA PA	Non-Hazarague incusinal/Commercial
		(lexardous Industrial/Commercial

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS

New York State Department of Environmental Conservation Division of Environmental Remediation - Waste Transporter Program 625 Broadway, 11th Floor Albany, NY 12233-7020

AUTHORIZED SIGNA WALL CI. CLANCE DATE

PART 364 WASTE TRANSPORTER PERMIT NO. 2A-502

Pursuents Article 22 Mas 3 Article 3 (Box 2011), in virty 3 (Marks) or) *word 5 (V) 289 384

PERMIT ISSUED TO:

SHAMROOK MATERIALS LLC 100 ST MARY'S AVENUE 3RD FLOOR STATEN ISLAND INV 10365

CONTACT NAME COUNTY TELEPHONE NO UOHN CORESTT RICHMONS (719)279-9229 PERMIT TYPE:

□ NEW
□ RENEWAL
■ MODIFICATION

BARBOTIVE DATE: EXPIRATION DATE US EPA LO NUMBER

08/03/2011 02/19/2012 NYRODO136820

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Commuse)

The Permittee is Authorized to Transport the Pollowing Waste Type, si to the Destination Facility kinds

Enation Facility	Leastion	Waste Typejs:	Yote
CLEVA FORT - OF SCUPES, FT FIXER WILLIAM A	ಚಲನನ ತೆಲ್ಲಾತಿ ಅನಿ	Nan Hary de roundustres Crothologram	
		కొంత జిగ్గా కోర్యం కి గుర్వచ్చింది.	
INPORTACIONALES	WHITEHALL PA	Non-Harvier russ india mass bith in section	
DUST SRESS OF NOT SORK	NEW WINDSOR, NY	Patibles in Confidencial Street	
(1) "我不知道我们就是我们的。" (1)	BAYONNE N.	Patronic T. Carris Humble & Pr.	
የዶሮኒት ለመምዘል፤ የ የውዲቶ ይማይ ኢጥ (5	JACKSON NO	Nan-Haza soya industria (Opimnius) Li	
CL DUPONT DENEMBURS & COMPANY	UNDENING	Non Hazardo y Riccomedicambero a Parte bum Construistra s Bri	
ENDAR PHASE : REDEVELORMENT PROJECT	LYNDHURS", N)	Constexaracus Polisy et Cammentel Petrubum Copuerumaeu San	
ESTAINT NETWYORK	FORT EDWARD INV	Nameriazarakus († turmaniCentrustas) Patrisoum (postari natori So.)	
FEPRY POINT PARK NYCDOS	BRONX NY	Non-reasonal industriquico material	
ORABBELLEPOINT ONDUSTIBES INC	CHOSN , NJ	Van diezeudh, s endemmet Dermet pa. Wante Tres	
CHOWS WAS IS MOR OF PA (NOR IN)	MORRISVILLE, PA	Nacidicardrus industribili anamiciai Passilium Contanientad Sail	
ISP ENVIRONMENTAL SERVICES INC.	SHIDEN NA	Nan-Hazardnus Industriat/Commercial Potosiavan Cartinomisted Suit	
JERG PARTNERS VIOLEG	EDISON NJ	Non-Hazardoun industriat Commercial Patro euro Contaminated Solt	
ENCOLN PARK WEST LANDFILL	JERSEY CITY NU	Net Harmites it destroye Comman, as	
MD ATEANTIC RECYCLING TECHNOLOGIES	VINELAND , NJ	Nonerlazera III. Industria/Commercial Fictivatum Come ansista Son Hazer aniin trausfrasiCommercia	
NESHANINY LANC COVELOPMENT	LONGHORNE PA	Non-Brazistaux industria /Commisses	
MORTH BLACKM RECYCLING	NORTH BERGEN NO	พิจา พิศัยบาร์ดน การแฟกจะปีดีจากสุดอ ละ	
MYSTW AA UVAN NORTH BEAGEN NO	NORTH BEFORM NO	nataosuri turri a Obarraettisi	
FERRY Fall Site	\$7#QUD\$067%_ PA	Sec. (4) y - to it intures extiliorne em a	
		Fe is sur Contamostos Su	
De Ben (O CHERNN MODE) I MARKE (OCHERN)	MILLIDARIUS NO	Non-Hazardous Indiatry (Commercie) Parmieum (Cottem derec Spr	

PART 364 WASTE TRANSPORTER PERMIT NO. 2A-502

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 354

PERMIT ISSUED TO:

SHAMROCK MATERIALS LLC 100 ST MARY'S AVENUE 3RD FLOOR STATEN ISLAND, NY 10305

COUNTY NAME

COUNTY TELEPHONE NO JOHN CORBETT RECHMOND *118/273-8223 PERMIT TYPE:

☐ NEW ☐ RENEWAL ■ MODIFICATION

EFFECTIVE DATE EXPIRATION DATE HIS EMAID NUMBER

08/02/2011 02/19/2012 NY ROOCE 14670

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility dated

Destination Facility	Location	Wzete Type(c)	Note
SON, SAFE, INC.	LOGAN TOWNSHIP, NJ	Non-riezerdous industriosCommercial Petroleum Conteminated Sod	
TETERBORO LANDING	TETERPORG (i)	Non-Heterdous Industrial/Commorpiel Patroleum Contaminated Soli	
TOTAL RECYCLING CORP	ALLED FORM PA	Non-Hezerdous Industriat/Commorcial	

PART 364 WASTE TRANSPORTER PERMT NO. 2A-502

Portuent to Article 17, Titles 3 and 15 of the Environmental Contenuation Law and 6 NYCAR 204

PERMIT ISSUED TO:

PERMIT TYPE:

SHAMROCK MATERIALS LLC 100 ST. MARY'S AVENUE 3RD FLOOR STATEN ISLAND, NY 10308 C NEW CRENEVAL # MODIFICATION

CONTACT NAME: TELEPHONE NO:

JOHN CORBETT R CHMONG (718)273-9223

EFFECTIVE DATE: DAMESTAN OATE DEEMLE CLASER

02/19/2012 MY7000 136520

AUTHORIZED VEHICLES

tible Permitties in Authorities to Operate the Following Vahicles to Transport Waster

(Validas ercidadis ⇔'s em autoridas un teol Residental Rev Sovaço andu Soptaga orb))

26 (Twenty Eight) Permitted Vehicle(s)

NJ AJBRIT NJ AJASTY NJ AJESTY NJ AKZIKJ NJ AKASSO NU AVECET ALCOLA UN NJ AL3356 NJ AL3520 NJ ALE75N NJ AM172h NJ AM1725 NJ AM295T NJ AM176L NJ AM294J NJ AM296K NJ AM381K

NJ AN382K NJ AN383K

NJ AN384K NJ AN385K

NJ AN385K NJ AN385K NJ AN385K NJ AN369K NJ AN369K NJ AN640M NJ TUPLOT NO TEXASC

Eractua



PART 364 WASTE TRANSPORTER PERMIT NO. 2A-419

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

TERRACE TRANSPORTATION, LLC P.O. BOX 030178 3249 RICHMOND TERRACE STATEN ISLAND, NY 10303

CONTACT NAME: COUNTY: TELEPHONE NO: KRISTINE KIRSIC RICHMOND (718)981-4600 **PERMIT TYPE:**

☐ NEW
■ RENEWAL
□ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER: 05/08/2011 05/07/2012 NYR000080549

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)
AERC RECYCLING SOLUTIONS	ALLENTOWN , PA	Non-Hazardous Industrial/Commercial
		Hazardous Industrial/Commercial
CLEAN WATER OF NEW YORK, INC.	STATEN ISLAND , NY	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soil
7		Waste Oil
GROWS LANDFILL(WASTE MGT.)	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soll
GROWS WASTE MGT OF PA (NORTH)	MORRISVILLE, PA	Non-Hazardous Industrial/Commercial -
		Petroleum Contaminated Soil
TULLYTOWN LANDFILL (WASTE MANAGEMENT)	TULLYTOWN BURROUGH , PA	A Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soll
UNITED OIL RECOVERY	MERIDAN, CT	Waste Oii
VEOLIA GREENTREE LANDFILL - FORMERLY ONYX	KERSEY, PA	Non-Hazardous Industrial/Commercial
		Petroleum Contaminated Soll

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Environmental Remediation - Waste Transporter Program 625 Broadway, 11th Floor Albany, NY 12233-7020

AUTHORIZED SIGNATURE:

Date: 1/1/3011

NOTICE

PAGE 1 OF 2

This renewed permit is not valid until the effective date listed on the permit

PART 364 WASTE TRANSPORTER PERMIT NO. <u>2A-419</u>

	Pursuant to Article 27, Titles 3 and 15 of the Environmental	Conservation Law and 6 NYCRR 364	
PERMIT ISSUED TO:		PERMIT TYPE:	
TERRACE TRANSPORTA P.O. BOX 030178 3249 RICHMOND TERRA STATEN ISLAND, NY 103	CE .	☐ NEW ■ RENEWAL □ MODIFICATION	
CONTACT NAME: COUNTY: TELEPHONE NO:	KRISTINE KIRSIC RICHMOND (718)981-4600	EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER:	05/08/2011 05/07/2012 NYR000080549
	erate the Following Vehicles to Transport Waste: hicles enclosed in ⇔'s are authorized to haut Residential Raw t	Sewage and/or Septage only)	
13 (Thirteen) Permitted Vehicle(s)			
NY AA82477 NY AC54641 NY AG29078 NY AK47945 NY AK48032 NY AK48089 NY AK48090 NY AL53822 NY AL53823 NY AL54134			
NY AM16211 NY AM83314 NY AR16029 End of List			



PART 364 WASTE TRANSPORTER PERMIT NO. NJ-662

Fursuant to Article 27, Tribes 3 and 15 of the Environmental Conservation Law and 8 NYCRR 364

PERMIT ISSUED TO:

T. E. V. CORPORATION 182 CALCUTTA STREET NEWARK, NJ 07114

CONTACT NAME: COUNTY: TELEPHONE NO: THOMAS VAUGHAN OUT OF STATE (973)485-1272 PERMIT TYPE:

☐ NEW ☐ RENEWAL ■ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER: 07/11/2011 03/07/2012

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)	Note
BAYSHORE RECYCLING	LN. YBBSABN	Non-Hazardous Industrial/Commercial Petrolaum Conteminated Soil	. 1 19
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR, NJ	Non-Hazardous industrial/Commercial Patroleum Contaminated Soll	
CASIE ECOLOGY OIL SALVAGE INC	N, ONAJANIV	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soli	Classic entering
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hazardous Industriati/Commercial Petroleum Conteminated Soli	recession belong the
CLEAN EARTH OF MARYLAND	HAGERSTOWN, MD	Pelrolaum Conteminated Soil	***************************************
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE, DE	Non-Hexardous Industriat/Commercial Potrolsum Conteminated Soil	
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY , NJ	Petroleum Conteminated Soli	1000 ma ² co 40 MC majo
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soli	goen shi biran sama
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Petroleum Contaminated Soil	**************************************
COPLAY AGGREGATES	WHITEHALL , PA	Non-Hazardous industrial/Commercial Patreleum Contaminated Soli	
ESMI OF NEW JERSEY	KEASBAY . NJ	Non-Hazardous industrial/Commercial Petroleum Contaminated Soil	- VIT-
GROWS LANDFILL(WASTE MGT.)	MORRISVILLE , PA	Non-Hazardous industrial/Commercial	

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Environmental Remediation - Waste Transporter Program 625 Broadway, 11th Floor Albany, NY 12233-7020

AUTHORIZED SIGNATURE ALL Q. QUESTA: 7/11/201)

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-662

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 354

PERMIT ISSUED TO:

T. E. V. CORPORATION 182 CALCUTTA STREET NEWARK, NJ 07114

CONTACT NAME: COUNTY: TELEPHONE NO: THOMAS VAUGHAN OUT OF STATE (973)465-1272 PERMIT TYPE:

□ NEW
□ RENEWAL
■ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER:

07/11/2011 03/07/2012

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)	Note
HENRY HARRIS SLF	MULLICA HILL , NJ	Petroloum Contaminated Soli	ig i galler of their think the and the language and the species in a construct a selver well to
JERO PARTNER'S VII/LLC	EDISON , NJ	Petroleum Conteminated Soil	en fen Le meinen unter auf den ber eine Ber fen der meinen der entenfente bie bebedet ter
MALANKA MILL LANDFILL	SECAUCUB, NJ	Petroleum Contaminated Solt	(14 후 14 (14 전 14 (14 14 14 14 14 14 14 14 14 14 14 14 14 1
PERRY FILL SITE	STROUDSBURG, PA	Non-Hazardous industrial/Commercial Petroleum Contaminated Soil	The home of the same of the sa
PHASE III ENVIRONMENTAL	PALMERTON, PA .	Non-Hazardous industrial/Commercial Petroleum Contaminated Soli	The second secon
SLRD COMPANY MULLICA HILL, LLC.	MULLICA HILL . NJ	Petroleum Contaminated Soil	t and the contract of the state of the contract of the contrac
SOIL SAFE, INC.	Logan Township, NJ	Non-Hazardous industrial/Commercial Potroleum Conteminated Soil	د. در المقابل به سازه المقابل المقابل به سازه به المقابل المقابل المقابل به بالمقابل به بالمقابل به بالمقابل ودر
TETERBORO LANDING	TETERBORO, NJ	Fetroleum Conteminated Soil	A THE RESIDENCE OF THE PERSON NAMED OF THE PER
WALTER R. EARLE ŘECYCLING CORP.	Jackson , NJ	Petroleum Contaminated Soli	The state of the s
WASTE MANAGEMENT	MORRISVILLE , PA	Non-Hazardoua industrial/Commercial	a activa and management of a graph of the graph and the gr

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-662

Furstuant to Article 27, Tities 3 and 15 of the Environmental Conservation Law and 6 NYCRR 354 .

1
T. E. V. CORPORATION
182 CALCUTTA STREET

NEWARK, NJ 07114

PERMIT ISSUED TO:

CONTACT NAME; COUNTY: TELEPHONE NO: THOMAS VAUGHAN OUT OF STATE (973)465-1272 EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER:

■ MODIFICATION

PERMIT TYPE:

☐ NEW ☐ RENEWAL

> 07/11/2011 03/07/2012

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to have Residential Raw Sawage and/or Septage only)

43 (Forty Three) Permitted Vehicle(s)

NJ AH204X NJ AJ509R NJ AJ510R NJ AJ513L NJ AJS83M NJ AJ682T XOTTLA LN NJ AK28SN NJ AK323N NJ AK989Y NJ AL233K NJ ALS49A NJ AL479U NJ AL509S NJ AL510S NJ AL5125 NJ AL541C NJ AL698U NJ ALB49K NJ ALBSON NJ AL927N NJ AL983L NJ AL984L NJ AM344A NJ AM425R

NJ AM427R NJ AM577L NJ AMB50W NJ AM705M NJ AM714Y NJ AM715Y NJ AM981V MJ WALERD NJ AN208F NJ AN207D NJ AN2080 NJ AN280K NJ AN532J NJ ANSSSJ LPECNA LN NJ AN850C NJ.AN851C NJ T1547K End of List



PART 364 WASTE TRANSPORTER PERMIT NO. 2A-531

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

WILLIAM J. LAUER CORPORATION P.O. BOX 030178 STATEN ISLAND, NY 10303

CONTACT NAME: COUNTY:

TELEPHONE NO:

KRISTINE KIRSIC RICHMOND

(718)981-8500

PERMIT TYPE:

□NEW

RENEWAL

☐ MODIFICATION

EFFECTIVE DATE: EXPIRATION DATE: US EPA ID NUMBER: 01/24/2011 01/23/2012 NJD982792384

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)
ADVANCED ENVIRONMENTAL RECYCLING CO, LLC.	ALLENTOWN, PA	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial
BAYSHORE RECYCLING	KEASBEY, NJ	Petroleum Contaminated Soil
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY , NJ	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial
CLEAN WATER OF NEW YORK, INC.	STATEN ISLAND, NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Waste Oil
CYCLE CHEM (NJ)	ELIZABETH, NJ	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial
E. I. DUPONT DENEMOURS AND COMPANY	DEEPWATER , NJ	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial
MONARCH ENVIRONMENTAL RECYCLING	WOODSTOWN, NJ	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial
PURE EARTH RECYCLING	VINELAND, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil
VEOLIA GREENTREE LANDFILL - FORMERLY ONYX	KERSEY , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Solid & Hazardous Materials - Waste Transporter Program 625 Broadway, 9th Floor Albany, NY 12233-7253

AUTHORIZED SIGNATURE: Mil (1 Muss Date: 1 127 1 100)

PART 364 WASTE TRANSPORTER PERMIT NO. 2A-531

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:		PERMIT TYPE:	
WILLIAM J. LAUER P.O. BOX 030178 STATEN ISLAND, I		☐ NEW ■ RENEWAL □ MODIFICATION	
CONTACT NAME: COUNTY: TELEPHONE NO:	KRISTINE KIRSIC RICHMOND (718)981-8500	EFFECTIVE DATE: 01/24 EXPIRATION DATE: 01/23 US EPA ID NUMBER: NJD9	-
AUTHORIZED VEHICLES The Permittee is Authorize 14 (Fourteen) Permitted Ve	d to Operate the Following Vehicles to Transp (Vehicles enclosed in <>'s are authorized to haul		
	eriicie(s)		
NY 67625PA NY 69589PA			
NY 71361PA			
NY 72519PA			
NY 72520PA			
NY 79446JT			
NY 91250PA NY 97108PA			
NY AM83437			
NY AM83560			
NY AP30144			
NY AP30145 NY AR15932			
NY AT74332			i

End of List



PART 364

WASTE TRANSPORTER PERMIT NO. NJ-864

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

DABIN TRUCKING, INC. T/A AMV TRUCKING 190 DRAKE LANE LEDGEWOOD, NJ 07852

CONTACT NAME: COUNTY: TELEPHONE NO: STACY DABIN OUT OF STATE (201)874-7747 PERMIT TYPE:

□ NEW
□ RENEWAL

■ MODIFICATION

EFFECTIVE DATE:

05/31/2013 **01/10/2014**

EXPIRATION DATE: US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)				Note
BAYSHORE RECYCLING CORPORATION	KEASBEY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil				
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	. 22 %			
CASIE ECOLOGY OIL SALVAGE INC	VINELAND, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	, i		122	0
CLEAN EARTH OF CARTERET	CARTERET, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	2,3			
CLEAN EARTH OF MARYLAND	HAGERSTOWN, MD	Non-Hazardous Índustrial/Commercial Petroleum Contaminated Soil				
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil				
CLEAN EARTH OF NORTH JERSEY	SOUTH KEARNY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil		4	7 = 11 5/11	
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			(2) (10) 1	
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial , Petroleum Contaminated Soil		20		
COPLAY AGGREGATES	WHITEHALL, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil			3 5	

^{***} AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation Division of Materials Management - Waste Transporter Program

625 Broadway, 9th Floor Albany, NY 12233-7251

AUTHORIZED SIGNATURE:

Date: 5 / 28 / 13

WASTE TRANSPORTER PERMIT

GENERAL CONDITIONS

The permittee must:

- 1. Carry a copy of this waste transporter permit in each vehicle to transport waste. Failure to produce a copy of the permit upon request is a violation of the permit.
- 2. Display the full name of the transporter on both sides of each vehicle and display the waste transporter permit number on both sides and rear of each vehicle containing waste. The displayed name and permit number must be in characters at least three inches high and of a color that contrasts sharply with the background.
- 3. Transport waste only in authorized vehicles. An authorized vehicle is one that is listed on this permit.
- 4. Submit to the Department a modification application for additions/deletions to the authorized fleet of vehicles. The permittee must wait for a modified permit to be issued before operating the vehicles identified in the modification application.
- 5. Submit to the Department a modification application to add a new waste category or a new destination facility, or to change the current waste or destination facility category. The permittee must wait for a modified permit before transporting new waste types or transporting to new destination facilities.
- 6. Submit to the Department a modification application for change of address or company name.
- 7. Comply with requirements for placarding and packaging as set forth in New York State Transportation Law as well as any applicable federal rules and regulations.
- 8. Contain all wastes in the vehicle so there is no leaking, blowing, or other discharge of waste.
- 9. Use vehicles to transport only materials not intended for human or animal consumption unless the vehicle is properly cleaned.
- 10. Comply with requirements for manifesting hazardous waste, regulated medical waste, or low-level radioactive waste as set forth in the New York State Environmental Conservation Law and the implementing regulations.
- 11. Deliver waste only to transfer, storage, treatment and disposal facilities authorized to accept such waste. Permittee must demonstrate that facilities are so authorized if requested to do so.
- 12. Maintain liability insurance as required by New York State Environmental Conservation Law.
- 13. Maintain records of the amount of each waste type transported to each destination facility on a calendaryear basis. The transporter is obligated to provide a report of this information to the Department at the time of permit renewal, or to any law enforcement officer, if requested to do so.
- 14. Pay regulatory fees on an annual basis. Non-payment may be cause for revocation or suspension of permit.
- 15. This permit is not transferrable. A change of ownership will invalidate this permit.
- 16. This permit does not relieve the permittee from the obligation to obtain any other approvals or permits, or from complying with any other applicable federal, state, or local requirement.
- 17. Renewal applications must be submitted no less than 30 days prior to the expiration date of the permit to:

PART 364 WASTE TRANSPORTER PERMIT NO. NJ-864

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

PERMIT TYPE:

DABIN TRUCKING, INC. T/A AMV TRUCKING 190 DRAKE LANE LEDGEWOOD, NJ 07852

□ NEW □ RENEWAL **■ MODIFICATION**

CONTACT NAME:

STACY DABIN OUT OF STATE EFFECTIVE DATE:

05/31/2013

COUNTY: TELEPHONE NO:

EXPIRATION DATE:

01/10/2014

(201)874-7747

US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
CUMBERLAND COUNTY IMPROVEMENT AUTHORITY	MILLVILLE, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	14040
DEEP GREEN OF NEW YORK	NEW WINDSOR, NY	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
ESMI OF NEW JERSEY	KEASBEY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
EVERGREEN RECYCLING	NEWARK, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
FENIMORE SANITARY LANDFILL	ROXBURY, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
GROWS LANDFILL (WASTE MGT.)	MORRISVILLE, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
GROWS WASTE MGT OF PA (NORTH)	MORRISVILLE, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
HAZLETON CREEK PROPERTIES, LLC	HAZLETON, PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
HENRY HARRIS SLF (ALHERN, INC.)	MULLICA HILL , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
IMPACT REUSE AND RECOVERY CENTER	LYNDHURST, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
JERC PARTNERS VII/LLC	EDISON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
MALANKA MILL LANDFILL	SECAUCUS, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
MIDDLESEX LOGISTIC CENTER	EDISON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PROSPECT PARK QUARRY	PROSPECT PARK, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE EARTH RECYCLING	VINELAND, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE SOIL TECHNOLOGIES *** AUTHORIZED WASTE TYPE	JACKSON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	*

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

PART 364

WASTE TRANSPORTER PERMIT NO. NJ-864

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

DABIN TRUCKING, INC. T/A AMV TRUCKING

190 DRAKE LANE LEDGEWOOD, NJ 07852

CONTACT NAME: COUNTY:

STACY DABIN **OUT OF STATE**

TELEPHONE NO:

(201)874-7747

PERMIT TYPE:

□ NEW

□ RENEWAL

■ MODIFICATION

EFFECTIVE DATE:

05/31/2013 01/10/2014

EXPIRATION DATE:

US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
SANTILLI COMMERCIAL DEVELOPMENT	KINGS PARK, NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
SOIL SAFE, INC.	LOGAN TOWNSHIP , N.	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TETERBORO LANDING	TETERBORO, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TOTAL RECYCLING CORPORATION/FULLERTON SLAG BANK	ALLENTOWN , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TULLYTOWN RESOURCE RECOVERY FACILITY	TULLYTOWN , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
WALTER R. EARLE RECYCLING CORP.	JACKSON, NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	

PART 364

WASTE TRANSPORTER PERMIT NO. NJ-864

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

PERMIT TYPE:

DABIN TRUCKING, INC. T/A AMV TRUCKING

190 DRAKE LANE

LEDGEWOOD, NJ 07852

□ NEW

□ RENEWAL

■ MODIFICATION

CONTACT NAME:

STACY DABIN **OUT OF STATE**

EFFECTIVE DATE:

05/31/2013

COUNTY: TELEPHONE NO:

EXPIRATION DATE: US EPA ID NUMBER: 01/10/2014

(201)874-7747

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

90 (Ninety) Permitted Vehicle(s)

NJ AK857W NJ AK893Y NJ AK927W NJ AL116A NJ AL190P NJ AL312C NJ AL718E NJ AL794W NJ AL939 NJ AL939 NJ AL939 NJ AL939 NJ AL975N NJ AM110T NJ AM172H NJ AM2195T NJ AM295T NJ AM107L NJ AM107L NJ AM107L NJ AM107L NJ AM109E NJ AM109E NJ AM107L NJ AM109E NJ AM109E NJ AM107L NJ AM109E NJ AM109E NJ AM107L NJ AM109E NJ AM107L NJ AM109E NJ AM107L NJ AM109E NJ AM202U NJ AM203U NJ AM204U NJ AM204P NJ AM470U	NJ AN898U NJ AN951K NJ AN963R NJ AN983L NJ AN983L NJ AP191K NJ AP210F NJ AP210F NJ AP244C NJ AP294C NJ AP391B NJ AP400B NJ AP450BN NJ AP451M NJ AP508N NJ AP619D NJ AP651E NJ AP653A NJ AP709K NJ AP710K NJ AP884D
NJ AN404P NJ AN421H	NJ AP710K