



Pure Soil is New Jersey's leading recycling company for petroleum contaminated soil, broken concrete, broken asphalt, brick, rock, and block. Since 1991, we have been taking these waste stream materials and recycling them into value-added end market materials.

Our unique line of products and services, along with our strategic partnership with one of New Jersey's premier construction and asphalt manufacturing companies, makes Pure Soil the areas leading turnkey recycling company.



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## PRODUCTS AND SERVICES

Pure Soil is committed to being a true full service recycling company. From start to finish, we can help you manage your recycling project and materials in a manner that will save money by increasing project efficiency through excellent service and innovation.

### Trucking

Through our utilization of the areas largest trucking fleets, we offer our customers the ability to execute a job aggressively, thus minimizing exposure. Many of our trucks are radio dispatched and monitored by GPS for improved project control. Our dispatcher can schedule trucks according to the individual needs of your project and will monitor their performance to help ensure efficiency.



### Soil Sampling and Laboratory Testing

With our in-house soil and materials testing lab, we are able to collect and run samples to ensure material characterization for the benefit of our customers and ourselves. All incoming and outgoing materials are tested by our Quality Control Department professionals to ensure material quality and composition. We also work closely with a host of the areas most reputable independent certified labs and can coordinate the testing process for our customers to assist them in obtaining and running the required analysis.



### Crushing

Pure Soil has been one of New Jersey's leading recyclers of concrete, asphalt, brick, rock, and block, since 1996. We have the capacity to mobilize our state of the art crushers and screeners to your project for processing onsite. For all jobs, large and small, this option saves contractors and developers money by eliminating the need to transport and dispose of this material. If your project does not allow for recycling onsite, we can also accept these Class B materials at our facility for processing. In both cases the materials are recycled into environmentally safe road base products.

### RCA (Recycled Crushed Aggregate)

Hand in hand with our ability to accept and process concrete, asphalt, brick, rock, and block is our finished recycled product, Recycled Crushed Aggregate. This RCA meets or exceeds the state specification for cleanup criteria and composition and is widely accepted and used as a preferred road base material. To date, we have recycled and used well over a million tons of this material. Its uses range from roadways and airports to roads and parking lots in commercial and residential complexes. This product offers a significant cost savings and lessens the need for natural resources like quarried stone or gravel, while performing just as well or better.

### Soil Remediation

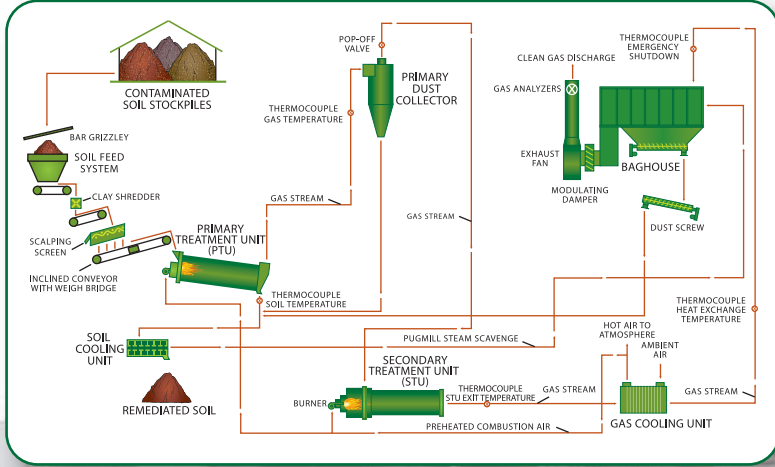
In 1991, the Pure Soil's predecessor pioneered the remediation of petroleum contaminated soil in New Jersey. We have an array of permitted treatment processes available to us, including but not limited to, Thermal Desorption and Asphalt Encapsulation. Depending on the type and level of contamination, we will choose a treatment that successfully processes this material into a useable end product. Uses for this processed material range from aggregate in asphalt and road base to clean fill and landfill cover.



Through the years, we have handled projects for nearly every state agency and municipality, as well as, a host of the largest and most reputable contractors and environmental engineering firms in New York, New Jersey and Pennsylvania. Today, we remain the industry leader in this field with a reputation of accomplishment that spans almost 2 decades.

*Pure Soil is a full service recycling company. We are constantly looking for innovative ways to deal with the waste materials of today. Our commitment to the recycling business is more of a commitment to the environment. Through innovation, we continue to develop new and improved ways to turn waste stream materials into well accepted value-added products.*

## HOW THERMAL DESORPTION AND ENCAPSULATION WORK...



### Thermal Desorption

Pure Soil incorporates a high temperature Thermal Desorption process to treat petroleum contaminated soils. Our state of the art Astec Plant burns this soil at 400-500 degrees. The combustibles then become air bound where they are sent to an afterburner and processed at 1600 degrees. After this burn process, the air is cooled to below 400 degrees and filtered. The end result is clean soil that no longer contains any petroleum contamination. This soil is then either used as an aggregate in asphalt or various types of road base, clean fill, and/or landfill cover. All material is tested and certified by a NJ certified laboratory prior to be introduced to any end markets.

### Asphalt Encapsulation

Pure Soil, through a unique partnership with one of New Jersey's premier asphalt manufacturing companies, has the ability to introduce petroleum contaminated soil directly into the asphalt manufacturing process. In this process, the petroleum contamination is volatilized, the fumes incinerated, and the material is immediately encapsulated in liquid asphalt. The finished product is asphalt that conforms to all state and local specifications for asphalt density and composition. Tested both in-house and by independent laboratories including that of the NJDOT, this unique process offers Pure Soil Technologies the ability to take a product directly from a contaminated state to an end market product without ever having to touch it again.



Visit [www.puresoil.com](http://www.puresoil.com) for facility permits, required forms, maps to our facility and more.

