



## E2 Project Management LLC.

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June 12, 2009

**Re: Planet Resource Recovery, Inc. (Planet)  
PetroLuxus technology**

**Subject: Oreland PA, Rail Car Remediation**

To Whom It May Concern:

The purpose of this letter is to document the participation of Planet Resource Recovery (Planet Resources), Inc and the results of using PetroLuxus to remediate an EPA Region 3 Superfund Site in Oreland, Pennsylvania.

In late January of this year, E2PM was approached by WRS Compass (WRS), an USEPA certified remediation contractor, and asked to examine a railroad tanker car which had been buried over 50 years ago that had been filled with a solidified hydrocarbon-based sludge and or tars. The subject buried railroad tanker car is part of a larger contaminated site that is under direct USEPA oversight. The USEPA is conducting the clean-up.

Coincidentally to the WRS request, E2PM was evaluating the PetroLuxus technology for coal tar contamination, typically found at former manufactured gas plants (MGP) sites. E2PM became interested in the potential application of using the PetroLuxus product for the buried railroad tanker car. A meeting was scheduled with WRS and USEPA at the buried tanker car site, to allow Mr. Smallwood (principal research chemist with Planet Resources) to examine the contents of the railcar and run field tests. The on-site demonstration of the use of PetroLuxus took place on the tailgate of a WRS vehicle in 30 degree weather, which demonstrated that PetroLuxus could not only fluidize the hardened hydrocarbon-based sludge but also allowed for the recovery of the hydrocarbons.

On March 9, 2009, E2PM team met with WRS, the Region III OSC and with Michael Smallwood. Initially WRS estimated that a total of 5,000 gallons of solidified sludge was contained in the tanker car. Planet Resources mobilized 200 gallons of PetroLuxus and several drums of Stoddard chemical (xylene). A total of 5 days was estimated as the time required to recover the tanker car contents. A portable steam boiler and steam coil was also mobilized to increase the temperature of the tanker car. In spite of adverse weather conditions of temperatures below 40° F, the sludge, once exposed to a combination of Stoddard and PetroLuxus, and the steam coil, began to liquefy and yield

itself to extraction. Additional Stoddard chemicals were introduced, because the total volume was actually circa 10,000 gallons rather the original estimate of 5000 gallons. Despite the increased volume, the project was completed within the original 5 day estimate.

After removal of the sludge, the contractor personnel were able to readily remove solid debris from the tank bottom. Once the solids had been removed, a WRS field crew was able to enter the tank and, with standard pressure washing equipment, cleaned the entire tank interior in a matter of a few hours. Treatment with PetroLuxus had reduced the remaining residue on the tank walls to an easily removable film. All remaining materials were pumped off and the tank was inspected for final disposition. The recovered tanker car liquids were ultimately sent to a cement kiln as fuel.

The entire process was completed in less than six days as opposed to the expected three to four weeks in the original project plan. The interior of the rail car required almost no further decontamination since the PetroLuxus caused the hardened hydrocarbon to lose the ability to adhere to the interior surface of the tank. In summary, the PetroLuxus product achieved the promised success and stated remedial project goals.

With the successful completion of this first joint project and continued product development by Planet Resources, we look forward to working with and introducing Planet Resources' Petroluxux technology on the numerous MGP sites present in the New York New Jersey Metropolitan Area.

We are pleased to continue our working relationship with Planet Resources and we fully expect to implement PetroLuxus whenever applicable in the future.

Sincerely,

A handwritten signature in cursive script, appearing to read "John Ferrante".

John Ferrante  
President, E2 Project Management LLC