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**1940 NW 67<sup>th</sup> Place**

**Gainesville, FL 32653**

March 14<sup>th</sup>, 2014

Merlin Russell  
Florida Department of Environmental Protection  
Hazardous Waste Regulation Section  
2600 Blairstone Road MS 4560  
Tallahassee, FL 32399-2400

RE: Annual Treatability Study Report for Perma-Fix of Florida (FLD 980 711 071)

Dear Mr. Russell:

Enclosed you will find the annual treatability study report for 2013 for Perma-Fix of Florida as required by 40 CFR 261.4(f)(9).

If you have any questions regarding this information, please feel free to call me anytime at (352) 395-1356.

Sincerely,

Kurt Fogleman  
Environmental, Health and Safety Manager  
Perma-Fix of Florida, Inc.

cc: Jabe Breland, FDEP/Northeast District

Facility Conducting Treatability Studies

Perma-Fix of Florida, Inc.  
1940 NW 67<sup>th</sup> Place  
Gainesville, FL 32653  
EPA ID: FLD980711071

Summary of treatability study totals:

Total sample material carried over from 2012:	26.99439 kg
Total sample material received in 2013:	15.13945 kg
Total sample material treated in 2013:	18.47512 kg
Treated residues discarded or returned:	26.89028 kg
Untreated sample discarded:	9.56327 kg
Untreated sample returned to collector:	3.33229 kg
Untreated sample carried over to 2014:	1.79106 kg
Treated sample carried over to 2014:	0.55694 kg
Total sample material carried over to 2014:	2.34800 kg

None of the treatability study samples received in 2013 were samples of acute hazardous waste. Since the total amount of sample material never exceeded 50 kg, the amount of treatability study sample material at the Perma-Fix of Florida site never exceeded 1,000 kg at any one time during 2013.

Perma-Fix of Florida will continue to conduct treatability studies during 2014. It is estimated that Perma-Fix of Florida will treat less than 1,000 kg of non-acute hazardous waste samples, and that the total treatability sample inventory will not exceed 1,000 kg at any one time during the year. Perma-Fix of Florida does not anticipate receiving any treatability study samples of acute hazardous waste in 2014.

Please see the attached Treatability Study Summary.

ID	Generator Name	Generator Address	Generator EPA ID #	Date Received	Quantity Received (kg)	Quantity Treated (kg)	Quantity in Storage (kg)		Process	Study Date	Conclusion Date	Sample Disposition
Y12TS	URS/CH2M Oak Ridge LLC on behalf of U.S. DOE	Highway 58 South MS7593 Oak Ridge TN 37831	TN0890090004	5/22/2012	28.00000 in 2012	14.69000	0.00000	0.00000	Stabilization	8/22/2012	4/5/2013	Samples and residue disposed of in laboratory satellite accumulation
AV73660	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	9/6/2012	1.26429 in 2012	0.00000	0.00000	0.00000	Stabilization	9/6/2012	9/11/2012	Samples and residue returned to generator in January 2013.
AV74284	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	9/6/2012	1.41864 in 2012	0.00000	0.00000	0.00000	Stabilization	9/6/2012	10/24/2012	Samples and residue returned to generator in January 2013.
AV74288	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	9/6/2012	0.72592 in 2012	0.00000	0.00000	0.00000	Stabilization	9/6/2012	10/24/2012	Samples and residue returned to generator in January 2013.
AV74520	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	9/6/2012	1.17994 in 2012	0.00000	0.00000	0.00000	Stabilization	9/6/2012	11/12/2012	Samples and residue returned to generator in January 2013.
AV71525	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.77581	0.28308	0.00000	0.00000	Stabilization	3/12/2013	4/26/2013	Samples and residue disposed of in laboratory satellite accumulation
AV69412	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	2.49280	0.13304	0.00000	0.00000	Stabilization	3/12/2013	5/8/2013	Samples and residue disposed of in laboratory satellite accumulation
AV75672	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.98622	0.23306	0.00000	0.00000	Stabilization	3/12/2013	5/10/2013	Samples and residue disposed of in laboratory satellite accumulation
AV73474	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.93294	0.85841	0.00000	0.00000	Stabilization	3/12/2013	7/11/2013	Samples and residue disposed of in laboratory satellite accumulation
AV65702	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.16753	0.10303	0.00000	0.00000	Stabilization	3/12/2013	5/8/2013	Samples and residue disposed of in laboratory satellite accumulation
AO21807	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.44265	0.10301	0.00000	0.00000	Stabilization	3/12/2013	5/8/2013	Samples and residue disposed of in laboratory satellite accumulation
AV73597	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.18954	0.15308	0.00000	0.00000	Stabilization	3/12/2013	5/8/2013	Samples and residue disposed of in laboratory satellite accumulation
AV54557	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.18460	0.10305	0.00000	0.00000	Stabilization	3/12/2013	5/8/2013	Samples and residue disposed of in laboratory satellite accumulation



ID	Generator Name	Generator Address	Generator EPA ID #	Date Received	Quantity Received (kg)	Quantity Treated (kg)	Quantity in Storage (kg)		Process	Study Date	Conclusion Date	Sample Disposition
							Treated	Untreated				
AV73421	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	3/12/2013	0.34226	0.10303	0.00000	0.00000	Stabilization	3/12/2013	5/8/2013	Samples and residue disposed of in laboratory satellite accumulation
AV76840	Perma-Fix of South Georgia	Valdosta, Georgia 31601	GAD093380814	5/1/2013	6.27710	1.15539	0.00000	0.00000	Stabilization	5/1/2013	7/10/2013	Samples and residue disposed of in laboratory satellite accumulation
CHPRC ETF Powder	Perma-Fix Northwest	Richland, WA 99354	WAR000010355	11/19/2013	2.34800	0.55694	0.55694	1.79106	Stabilization	11/19/2013	Ongoing	Treated and untreated samples remain in storage