



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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May 16, 2006

In Reply, Refer to: FID# 341117040
BRRTS# 02-41-544080
BRR/ERP

Mr. John Stibal
City of West Allis
7525 W Greenfield Ave
West Allis, WI 53214

Subject: Review of the Request for Approval of Off-site Disposal of Contaminated Soil from the Six Points Redevelopment / 700 Series Site [FID# 341117040 / BRRTS# 02-41-544080] at the Lime Pit Property [FID# 241222520 / BRRTS# 02-41-184802], West Allis, WI

Dear Mr. Stibal:

Your consultant, TEMCO, submitted a document entitled "Request for Approval for Off-site Disposal of Contaminated Soil from the "700 Series" Properties at a Response Action Site (Lime Pit Property), West Allis, WI" (Plan), dated May 2, 2006 to the Wisconsin Department of Natural Resources (WDNR). You have requested that the WDNR formally review the Plan.

I have reviewed the Plan and spoken with your consultant regarding specific details of the Plan. Based on my review, the Plan is approved with the following conditions and limitations.

Due to the presence of lead contaminated soil in the proposed footprint of Building N at substantially higher concentrations than that at the Lime Pit Property, soils from the Building N footprint are not approved to be placed at the Lime Pit Property. Your consultant indicated to me that additional samples would likely be collected in this area in which case the WDNR will consider the new information and may grant approval for placement of some of these soils at the Lime Pit Property.

Based on my discussions with your consultant and information contained in the plan, it appears that the long term plan is to cover the contaminated soil that will be coming to the Lime Pit Property from the "700 Series" Properties, along with the contaminated soil that is already present at the Lime Pit Property, with a combination of buildings, pavement and clean fill when the property is developed.

Because this development activity will not be occurring in the next few months, any imported contaminated soil material shall be covered with a temporary cover, to limit erosion and dust, within 90 days of soil placement. An acceptable option would be construction of a vegetative cover, including a minimum of six inches of clean "rooting zone" material. If you wish to request approval of an alternate cover system, please contact me.

We appreciate your efforts to restore the environment at this site. If you have any questions or concerns regarding this letter, please contact me at (414) 263- 8541.

Sincerely,

Andrew F Boettcher
Hydrogeologist – RR/SER

CC: Jeffrey Hosler – TEMCO, PO Box 856, Cedarburg, WI 53012

Boettcher, Andrew F - DNR

From: Volk, Donna [donna.volk@sts.aecom.com]
Sent: Tuesday, July 10, 2007 11:55 AM
To: Boettcher, Andrew F - DNR
Subject: Whitnall Summit pile results
Attachments: Table 1.pdf

Andy: Here are the results of the fill pile sampling that we did at Whitnall Summit. Whitnall Summit and the City are eager to move forward on this. If you could take a quick look at this and give me your preliminary thoughts I would really appreciate it. I will then pull together all of the historical data and a formal request for your official review. I will be in the office the rest of the day today, tomorrow and Thursday. Feel free to have me paged if I'm not at my desk. Thanks so much for your assistance on this one.

Donna M. Volk, P.G., C.P.G.
Senior Hydrogeologist
D: 414-577-1310

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~ 10K total yards

Table 1
 Summary of Fill Pile Sampling Results
 Whitnall Summit / 6750 North Acres, LLC
 6737 W. Washington St.
 West Allis, WI 53214

Parameter		Total Solids		Arsenic		Lead		SPLP-Arsenic		SPLP-Lead		TCLP-Arsenic		TCLP-Lead		PCB 1016	
Units		%		mg/kg		mg/kg		mg/l		mg/l		mg/l		mg/l		mg/kg	
Client Sample ID	Collect Date	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
NA-C1	5/31/2007	82.4		17		230		<0.020		0.0059		<0.25	O	<0.25	O, J5	<0.41	
NA-C2	5/31/2007	87.1		<10	O	280										<0.39	
NA-C3	5/31/2007	87.1		<10	O	92										<0.020	
NA-C4	5/31/2007	81.9		2.5		65										<0.021	
NA-C5	5/31/2007	89.6		<10	O	170										<0.019	
WS-C1	5/31/2007	94.8		3.2		74										<0.018	
WS-C2	5/31/2007	88.4		2.9		28										<0.096	O
WS-C3	5/31/2007	89.8		28		920		<0.020		0.0058	IS	<0.050		<0.050		<0.095	
WS-C4	5/31/2007	87		12		84										<0.098	
WS-C5	5/31/2007	94.6		17		160										<0.090	

Notes

Lead 65 ppm
 @ Lime Pit

MW-1F
 PCB .26 ppm
 @ Lime Pit

Qualifiers:

- J2 Surrogate recovery limits have been exceeded; values are outside lower control limits
- J7 Surrogate recovery limits cannot be evaluated; surrogates were diluted out
- O (ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection
- J1 Surrogate recovery limits have been exceeded; values are outside upper control limits
- J5 The sample matrix interfered with the ability to make any accurate determination; spike value is high

Table 1
 Summary of Fill Pile Sampling Results
 Whitnall Summit / 6750 North Acres, LLC
 6737 W. Washington St.
 West Allis, WI 53214

Total
 10K yards

Parameter		PCB 1221		PCB 1232		PCB 1242		PCB 1248		PCB 1254		PCB 1260	
Units		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Client Sample ID	Collect Date	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
NA-C1	5/31/2007	<0.41		<0.41		<0.41		0.48		<0.41		<0.41	
NA-C2	5/31/2007	<0.39		<0.39		<0.39		1.6		<0.39		<0.39	
NA-C3	5/31/2007	<0.020		<0.020		<0.020		<0.020		0.041		<0.020	
NA-C4	5/31/2007	<0.021		<0.021		<0.021		<0.021		0.08		<0.021	
NA-C5	5/31/2007	<0.019		<0.019		<0.019		<0.019		0.048		<0.019	
WS-C1	5/31/2007	<0.018		<0.018		<0.018		<0.018		0.034		<0.018	
WS-C2	5/31/2007	<0.096	O	<0.096	O	<0.096	O	<0.096	O	<0.096	O	<0.096	O
WS-C3	5/31/2007	<0.095		<0.095		<0.095		<0.095		0.16		<0.095	
WS-C4	5/31/2007	<0.098		<0.098		<0.098		<0.098		0.14		<0.098	
WS-C5	5/31/2007	<0.090		<0.090		<0.090		<0.090		0.16		<0.090	

#7K

3K

Notes

Qualifiers:

- J2 Surrogate r
- J7 Surrogate r
- O (ESC) Sam limit is elevated in order to reflect the necessary dilution.
- J1 Surrogate r
- J5 The sample