

GEHitachiUELAPEm Resource

From: Ridge, Christianne
Sent: Tuesday, September 15, 2009 3:26 PM
To: GEHitachiHrgFile Resource
Subject: FW: Requested GNF data for 2007
Attachments: getv0607.doc; GEAP1107.DOC; gesd0207.doc; gesd0307.doc; gesd0407.doc; getv0507.doc

From: Dusenbury, Dale [mailto:dale.dusenbury@ncdenr.gov]
Sent: Tuesday, September 01, 2009 10:06 AM
To: Ridge, Christianne
Cc: Dusenbury, Dale
Subject: Requested GNF data for 2007

Here is the GE environmental data for 2007. There may be some gaps in the data due to data system switchovers, but this is what we have. The files are in Word documents and text files by sampling media. I have attached a sample key along with several other files. The sample key gives the designation for each type of sample. There are also several maps of the sampling sites as well. The gamma detections in the sediment at 02 are suspected to be spurious, due to interference lines of natural radioactivity. Please contact me if you have questions.

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Hearing Identifier: GEHitachiUE_LicenseApplication_Public
Email Number: 93

Mail Envelope Properties (499C2FC6BB962446994CA8682D8ADF3318BE833358)

Subject: FW: Requested GNF data for 2007
Sent Date: 9/15/2009 3:25:35 PM
Received Date: 9/15/2009 3:25:37 PM
From: Ridge, Christianne

Created By: Christianne.Ridge@nrc.gov

Recipients:
"GEHitachiHrgFile Resource" <GEHitachiHrgFile.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	1230	9/15/2009 3:25:37 PM
getv0607.doc	34370	
GEAP1107.DOC	102466	
gesd0207.doc	35394	
gesd0307.doc	34370	
gesd0407.doc	35394	
getv0507.doc	33858	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

GE-TV-06							
Collection Date	Sample Type	Activity (K-40)		Activity (Ra-226 - Apex)		Activity (Be-7)	
August 2007							
8/28/2007	Vegetation	3.47	pCi/g			1.26	pCi/g
		±0.246				±0.177	
Avg Comp		3.47					

GE

Period Covering

01-jan-2007 To 31-dec-2007

GE-APLV-11

Collection Date	Sample Type	Activity(K-40)	Activity (Ra-226 - Apex)	Activity (Be-7)
January 2007				
1/2/2007	Air Filter	0.00961 pCi/m3 ±0.00119		0.128 pCi/m3 ±0.00537
1/8/2007	Air Filter			
1/16/2007	Air Filter			
1/29/2007	Air Filter			
1/29/2007	Air Filter	0.0179 pCi/m3 ±0.00247	0.00307 pCi/m3 ±0.0018	0.078 pCi/m3 ±0.005
1/2/2007	Air Filter			
<u>Jan Comp</u>		0.02751		
February 2007				
2/26/2007	Air Filter	0.0126 pCi/m3 ±0.00147		0.161 pCi/m3 ±0.0063
2/5/2007	Air Filter			
2/12/2007	Air Filter			
2/20/2007	Air Filter			
2/26/2007	Air Filter			
<u>Feb Comp</u>		0.0126		
March 2007				
3/21/2007	Air Filter			

GE

Period Covering

01-jan-2007 To 31-dec-2007

GE-APLV-11

Collection Date	Sample Type	Activity(K-40)	Activity (Ra-226 - Apex)	Activity (Be-7)
January 2007				
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1/16/2007	Air Filter			
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1/29/2007	Air Filter	0.0179 pCi/m3 ±0.00247	0.00307 pCi/m3 ±0.0018	0.078 pCi/m3 ±0.005
1/2/2007	Air Filter			
<u>Jan Comp</u>		0.02751		
February 2007				
2/26/2007	Air Filter	0.0126 pCi/m3 ±0.00147		0.161 pCi/m3 ±0.0063
2/5/2007	Air Filter			
2/12/2007	Air Filter			
2/20/2007	Air Filter			
2/26/2007	Air Filter			
<u>Feb Comp</u>		0.0126		
March 2007				
3/21/2007	Air Filter			

GE-APLV-11

Collection Date	Sample Type	Activity (K-40)	Activity (Ra-226 - Apex)	Activity (Be-7)
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3/26/2007	Air Filter			
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3/6/2007	Air Filter			
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Mar Comp

April 2007

4/2/2007	Air Filter			
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4/2/2007	Air Filter	0.0124 pCi/m3 ±0.00171	0.00526 pCi/m3 ±0.0018	0.161 pCi/m3 ±0.00687
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4/9/2007	Air Filter			
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4/9/2007	Air Filter			
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4/16/2007	Air Filter			
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4/23/2007	Air Filter			
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Apr Comp

0.0124

May 2007

5/1/2007	Air Filter	0.0128 pCi/m3 ±0.00152	0.00261 pCi/m3 ±0.00154	0.146 pCi/m3 ±0.00581
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5/1/2007	Air Filter			
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May Comp

0.0128

GE-SD-02		Activity (K-40)		Activity (Ra-226 - Apex)	Activity (Be-7)	Activity (Nb-95)	Activity (Cd-109)	Activity (Cs-137)	Activity (U-235)				
Collection Date	Sample Type												
December 2007													
12/4/2007	Sediment	3.52	pCi/g			0.545	pCi/g	4.27	pCi/g	0.0832	pCi/g	16.4	pCi/g
		±0.195				±0.0405		±0.417		±0.0123		±0.339	
<u>Dec Comp</u>		3.52											

GE-SD-03		Activity (K-40)		Activity (Ra-226 - Apex)		Activity (Be-7)		Activity (Cs-137)	
Collection Date	Sample Type								
June 2007									
6/21/2007	Sediment	1.94	pCi/g	0.401	pCi/g			0.00618	pCi/g
		±0.0832		±0.0709				±0.00212	
<u>Jun Comp</u>		1.94							

GE-SD-04									
Collection Date	Sample Type	Activity (K-40)		Activity (Ra-226 - Apex)		Activity (Be-7)		Activity (Cd-109)	
June 2007									
6/21/2007	Sediment	3.24	pCi/g	0.962	pCi/g			0.732	pCi/g
		±0.143		±0.132				±0.0833	
	<u>Jun Comp</u>	3.24							

GE

Period Covering

01-JAN-2007 To 31-DEC-2007

GE-TV-05

Collection Date Sample Type

[Activity \(K-40\)](#)[Activity
\(Ra-226 - Apex\)](#)[Activity \(Be-7\)](#)**August 2007**

8/28/2007 Vegetation

6.02 pCi/g
±0.2950.989 pCi/g
±0.176Aug Comp

6.02