

Henderson, Ginny

From: Henderson, Ginny
Sent: Wednesday, August 17, 2011 1:44 PM
To: 'Michael Burns'
Subject: RE: APAC Castle Hayne

Mike,

I went through what you sent me and it looks like sample DP-30 at 5 ft (57.5 mg/kg) will still be above the health based RG. This sample result can't be averaged because it is above 10x the HRG. The samples DP-29 at 5 ft, DP-30 at 5 ft, DP-31 at 4 ft and DP-34 at 5 ft remain above the protection of groundwater RG. I can't use the TCLP results from DP-9A for comparison because the arsenic totals for these samples were above the total in DP-9A, thus any TCLPs could possibly be higher as well. If you want to go out and TCLP (or SPLP) the location of DP-30 at 5 ft before submitting the RI3, which I would recommend, please put a little email proposal together for me to approve. DP-30 at 5 ft has the highest concentration and is central to the other locations. Hopefully that would get rid of all PRG issues.

Ginny Henderson
Hydrogeologist
North Carolina Dept. of Environment & Natural Resources
Div. of Waste Mgt. - Superfund Section - Inactive Hazardous Sites Branch
Wilmington Regional Office
127 Cardinal Drive Extension
Wilmington, NC 28405
Ph: (910) 796-7215 Fax: (910) 350-2004
ginny.henderson@ncdenr.gov

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From: Michael Burns [mailto:m burns@ESINC.CC]
Sent: Wednesday, August 17, 2011 8:41 AM
To: Henderson, Ginny
Subject: RE: APAC Castle Hayne

Sounds good. I need my client to review the report and send me the signed certification sheet. The report will go out in the mail on Friday as planned.

Mike



Mike Burns
524 S. New Hope Road | Raleigh, NC 27610
919-212-1760 ext. 123 Phone | 919-212-1707 Fax | 919-801-4687 Cell

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From: Henderson, Ginny [mailto:ginny.henderson@ncdenr.gov]
Sent: Wednesday, August 17, 2011 8:39 AM

To: Michael Burns
Subject: RE: APAC Castle Hayne

Mike,
Please go ahead and send in the report. Thanks.

Ginny Henderson
Hydrogeologist
North Carolina Dept. of Environment & Natural Resources
Div. of Waste Mgt. - Superfund Section - Inactive Hazardous Sites Branch
Wilmington Regional Office
127 Cardinal Drive Extension
Wilmington, NC 28405
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From: Michael Burns [mailto:mburns@ESINC.CC]
Sent: Wednesday, August 17, 2011 8:24 AM
To: Henderson, Ginny
Subject: RE: APAC Castle Hayne

Ginny,

Do you want me to wait for your response regarding the new data or do you want me to just send in the report?



Mike Burns

524 S. New Hope Road | Raleigh, NC 27610
919-212-1760 ext. 123 Phone | 919-212-1707 Fax | 919-801-4687 Cell

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From: Henderson, Ginny [mailto:ginny.henderson@ncdenr.gov]
Sent: Tuesday, August 16, 2011 11:18 AM
To: Michael Burns
Subject: RE: APAC Castle Hayne

Mike,
It can be acceptable to average over those depths ranges, but there are a number of things to consider when averaging. I have done averaging for this site already, which previously went into determining what additional assessment was needed. So if you prefer you can just send the data in and I would incorporate the new data into my existing calculations. As a reminder, averaging can't be used for comparison against the protection of groundwater RGs.

Ginny Henderson
Hydrogeologist
North Carolina Dept. of Environment & Natural Resources