

PURESPECTRUM, INC.  
Form NT 10-K  
March 31, 2011

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 12b-25

Commission File Number 333-1418158

NOTIFICATION OF LATE FILING

(Check One):  Form 10-K  Form 11-K  Form 20-F  Form 10-Q  
 Form N-SAR

For Period Ended: December 31, 2010

- Transition Report on Form 10-K
  - Transition Report on Form 20-F
  - Transition Report on Form 11-K
  - Transition Report on Form 10-Q
  - Transition Report on Form N-SAR
- For the Transition Period Ended:

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates: \_\_\_\_\_

Part I - Registrant Information

PURE SPECTRUM, INC.  
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Full Name of Registrant

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Former Name if Applicable

118 Pinemakers Circle Suite 105  
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Address of Principal Executive Office (Street and Number)

Pooler, Georgia 31322

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City, State and Zip Code

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(3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?

Yes  No

If so: attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

SIGNATURE

PureSpectrum Inc. has caused this notification to be signed on its behalf by the undersigned thereunto duly authorized.

PURESPECTRUM, INC.

Date: March 31, 2011

/s/ Gregory Clements

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By: Gregory Clements

Chief Executive Officer



