MEMORANDUM

August 8, 2005

TO: Robert Brown  Manatee County
    Terry Briggs  Charlotte County
    Jody Kirkman  DeSoto County
    John Ryan  Sarasota County

FROM: Sam Stone

RE: Horse Creek Stewardship Program Status Report

The attached status report (provided to the Authority Board Directors on 8/3/05) is provided to you since some of you may not receive copies of the Board Folder.

Please note that I have recently sent copies of the Horse Creek 2003 Annual Report to you on a CD through the mail. If you did not receive your copy let me know. I am also expecting a draft copy of the Historical Report soon.

xc: Pat Lehman
    Sunny Diver
    Ralph Montgomery
    Ross Franklin
The following information is a brief summary of important tasks or recent activities occurring with the Horse Creek Stewardship Program (HCSP).

**Technical Advisory Group (TAG).**
The TAG is to review the progress and findings of the program and provide technical input to the Authority. The TAG met on 3/24/05 and provided comments to Mosaic and the Authority on the draft *Horse Creek Stewardship Program 2003 Annual Report*. A scheduled field trip up the Horse Creek basin was canceled due to high creek flows.

**Monthly Water Quality Monitoring.**
This sampling effort by Mosaic has continued monthly without any interruption of collected data. Mosaic has transmitted data to the Authority covering the period April 2003 - May 2005. June samples were collected by Mosaic on June 22, 2005.

**Macroinvertebrate and Fish Sampling.**
The second year of sample collection (2004) has been completed. The first set of 2005 was collected on April 21, 2005 and the second set scheduled for July 2005 was deferred to August due to high creek flows.

**Clay Settling Ponds Realtime Monitoring.**
Monitoring of these ponds continues with no reported events.

**Water Quality Continuous Recorder.**
This monitoring effort is ongoing. A summary of this data to be supplied by Mosaic monthly along with the routine water quality data has been requested by the Authority.

**Reports.**
The draft QA/QC Report was received by the Authority on December 18, 2003. Review comments by the Authority and EarthBalance were transmitted to Mosaic on June 25, 2004. Upon receiving a revised version the document will then be sent to the TAG for their evaluation, possibly in December 2005.

A draft Historical Report outline was transmitted to the Authority in late February 2004. Review comments by the Authority and EarthBalance were transmitted to Mosaic on March 29, 2004. The draft Historical Report is expected to be completed for the Authority and TAG’s review in August 2005.
The *Horse Creek Stewardship Program 2003 Annual Report* has been completed and copies of the report will be distributed to interested parties shortly.

**Recent Impact Assessments.**

No recent assessments have been required.
The Settlement Agreement between the Peace River Manasota Regional Water Supply Authority (Authority) and Mosaic Fertilizer Company (Mosaic) became effective on March 5, 2003. Contained within the agreement is the required implementation of the Horse Creek Stewardship Program (HCSP) by Mosaic and included program oversight by the Authority.

The HCSP consists of multiple tasks occurring on different schedules. Below is a list of the major tasks, a brief description of the tasks and historical progress on those tasks.

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Below is a summary table showing the frequency of exceeded trigger levels.

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TO: Robert Brown, Manatee County
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FROM: Sam Stone

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xc: Pat Lehman
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Project Status Report

PROJECT: Horse Creek Stewardship Program
DATE: September 7, 2005
DEVELOPED BY: Samuel Stone, Environmental Affairs Coordinator

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DATE: October 5, 2005

DEVELOPED BY: Samuel Stone, Environmental Affairs Coordinator

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<tr>
<td></td>
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<td>Sulfate</td>
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All impact assessments have shown that the trigger levels were exceeded due to other causes not related to mining activities. The most recent significant event was in November 2004 where Station 2 exceeded the trigger level for total fatty acids. An impact assessment dated 2/28/05 was submitted and found that mining activities did not cause the higher levels of fatty acids. As a consequence of all these preliminary impact assessment results, monitoring for these parameters and trend analysis of the data over time will continue.