

**GREENBOOK COMMITTEE
NEW MATERIALS-SURFACE SUBCOMMITTEE
CONCRETE AD HOC GROUP**

MINUTES
June 12, 2014

Chairman, Ken Sears called the meeting to order at 9:35 am. The meeting was held in the conference room at:

CTS Cement
11065 Knott Avenue, Suite A
Cypress, CA 90630

1. Self-introductions were made by the participants (from the sign-in sheet):

Ken Sears	Headwaters	Renato Kich	National
Steve Martindale	OCPW	Neal Lynch	CEMEX
Darrell Caddy	BASF	Tom Meyer	Cell-Crete
Simeon Scovel	Mix On Site	Vince Perez	CTS Cement
Jeff Pollard	Vulcan		

Conference Call Participants

Javier Soto	OCPW	Chris Walz	CEMEX
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2. The minutes from May were reviewed and approved as submitted with no changes.
3. Current Business –
- A. Change No. 269NS - Portland Cement Update, Soto, Updyke
- Is currently on the June agenda for review at **ESS**.
- B. Change No. 244NS - Pervious Concrete, Soto
- Is currently on the June agenda for vote at **Main**.
- C. Returned Fresh Concrete (Cal Trans), D. Vivant
- No new updates.
- D. Change No. 235NS – Steel Fiber, Soto, Updyke
- Is currently on 30-day hold at **Main**.
- E. Change No. 246NS - ASR Testing Requirements, Group
- Expansion per ASTM 1260 to be 0.10 percent at 16 days. If aggregate has greater than 0.10 percent expansion at 16 days, or unless otherwise specified by the Engineer, the cementitious portion of the concrete shall contain 25 percent fly ash or approved SCM.
 - Allowance of an additional 10% Class F fly ash or approved SCM **on top of** the cementitious contents defined in the Alternate Class Table (which are

15% SCM) when required to mitigate, essentially creating a total of 25% SCM, without reducing the cement content.

- Vivant proposed language was reviewed. Discussion continued and was proposed to add a column to the class table specifying the quantity of total cementitious to be used when mitigating an ASR or potential ASR issue. Group was in agreement with the calculation strategy submitted by Vivant, but feel it would be a better solution to list the quantities as opposed to individuals performing the calculations themselves. Kich and Sears will work on the column and re-wording section **201-1.2.2.**

F. Cellular Concrete / Annular Fill, Meyer, Scovel

Meyer and Scovel provided response to the comments which were discussed with further comment and suggestion. Meyer to re-write the previously submitted proposal based on recent our discussion; Sears to review and edit, as needed.

G. Expansive Cement proposal, Jabbari, Soto

The proposals (as written in the May minutes) were discussed and submitted to **Surface** for a Change No. and review/comment.

4. New Business – none

5. Due to vacation schedules, it was agreed to post-pone the July meeting. Our next meeting will be **Thursday, Aug 14, 2014, at 9:30 am**, at CTS Cement, Cypress.

6. Meeting adjourned at 10:30 am.

Submitted By:

Ken Sears
Chair

2014 Meeting Schedule

January 9	February 13	March 13	April 10	May 8	June 12
No July Meeting	August 14	September 11	October 9	November 13	No December Meeting