

Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Monday, September 24, 2018 8:03 AM
To: 'John Lucio'
Cc: Khatri, Paresh, Env. Health; Sanders, Jonathan, Env. Health; Roe, Dilan, Env. Health (Dilan.Roe@acgov.org)
Subject: RE: Cemex Clayton quarry 3/4" Class 2 AB sampling

John,

Thank you for the update regarding the sampling. I understand that your proposed import will consist of 2,000 cubic yards (cu. yd.) rather than the 4,000 cu. yd. originally proposed. However, six 4-point composite samples are inadequate to characterize the 30,000 cu. yd. stockpile.

Regards,
Keith

Keith Nowell PG, CHG

Hazardous Materials Specialist
Land Water Division
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6540
phone: 510 / 567 - 6764
fax: 510 / 337 - 9335
electronic mail: keith.nowell@acgov.org

From: John Lucio [mailto:John.Lucio@erm.com]
Sent: Friday, September 21, 2018 4:17 PM
To: Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>
Subject: FW: Cemex Clayton quarry 3/4" Class 2 AB sampling

Hi Keith,

Per our discussion, I received clarification on the sampling of the Class II AB proposed as the backfill for the 205 Brush Street project. The clarification is provided in the email below.

Please contact me with any questions.

Thanks,

John Lucio
Program Director

ERM
1277 Treat Boulevard, Suite 500
Walnut Creek, CA 94597

Tel: +01 925 482 3222 (direct line)
Tel: +01 925 946 0455 (switchboard)

Mobile: +01 925 623 4453

www.erm.com

john.lucio@erm.com

From: Xiaodong Huang
Sent: Friday, September 21, 2018 2:21 PM
To: John Lucio <John.Lucio@erm.com>
Subject: Cemex Clayton quarry 3/4" Class 2 AB sampling

The Cemex Clayton quarry ¾" Class 2 AB stockpile is about 250-ft long, 140-ft wide, and 30-ft tall. For health and safety reasons, we could not climb up the stockpile to collect samples. Representative samples were taken by a quarry excavator from the stockpile at various locations and heights to make a sampling pad. Then, six 4-point composite samples were collected from the sampling pad for analytical testing.

The 6 4-point composite samples represents up to 2,000 cubic yards of proposed import material (four 4-point composite samples for the first 1,000 cubic yards [one per every 250 cubic yards] and two 4-point composites for the second 1,000 cubic yards [one per every 500 cubic yards]) which is consistent with the Alameda County sampling schedule provided in the spreadsheet and the SIMP.

Xiaodong Huang, PhD, PE
Program Director

ERM
1277 Treat Blvd Suite 500 | Walnut Creek | CA 94597
T +1 925-482-3217 | **M** +1 315-726-1566
E xiaodong.huang@erm.com | **W** www.erm.com



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