Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Wednesday, November 12, 2014 8:16 AM
To: 'Peter Sims'
Subject: RE: Ashland Housing Project
Attachments: RO3122_Building A Excavation Sampling Locations rev2.pdf

Peter,

The revised sampling locations consisting of eight borings shown on the attached figure are acceptable as proposed.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Peter Sims [mailto:psims@ninyoandmoore.com]
Sent: Tuesday, November 11, 2014 9:49 AM
To: Wickham, Jerry, Env. Health
Subject: RE: Ashland Housing Project

Jerry,

The contractor has notified me that a portion of the concrete at Building A has already been poured and will not be excavated. The attached figure shows revised sampling locations.

Thanks,

Peter D. Sims, LEED AP
Project Environmental Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 343-3000 x15216 (Office)
(510) 327-9335 (Cell Phone)
(510) 343-3001 (Fax)
psims@ninyoandmoore.com

San Jose office
2149 O'Toole Avenue, Suite 30
San Jose, CA 95131
(408) 435-9000
(408) 435-9006 (Fax)

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> -----Original Message-----
> **From:** Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
> **Sent:** Thursday, November 06, 2014 3:13 PM
> **To:** Peter Sims
> **Subject:** RE: Ashland Housing Project
>
> Peter,

Your proposal to conduct in-situ sampling prior to reuse of fill material from Kent Avenue will be acceptable if the number of soil borings are increased from four to eight as shown on the attached map. For compositing purposes, the area is to be divided into a southern and northern half with four borings in each half. Soil samples from the same depths in the southern half may be composited by the laboratory into four composite samples. Similarly, samples from the same depths in the northern half may be composited by the laboratory into four composite samples. Collection of one discrete sample per boring (collected from different depths in southern and northern half) is acceptable. The proposed laboratory analyses and the items to be included in the request for approval are also acceptable.

Please contact me if you have questions regarding the proposed sampling.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Peter Sims [mailto:psims@ninyoandmoore.com]
Sent: Thursday, November 06, 2014 1:51 PM
To: Wickham, Jerry, Env. Health
Subject: RE: Ashland Housing Project

Jerry,

The Ashland contractor has asked me to perform additional characterization of 2,777 cubic yards of soil to be excavated beneath Building A (highlighted on the attached figure) to a depth of 5 feet bgs. We would like to sample the soil in-situ to determine if it is suitable for reuse on site or off-site waste disposal classification. Since we did not discuss in-situ sampling for soil reuse/disposal in our IRAP, I would like to perform the sampling as described below based on the DTSC Fill Guidelines (attached).

Advance four borings (shown on the attached figure) to 5 feet bgs for the collection of soil samples at 0, 1.5, 3, and 5 feet bgs in each boring.
Samples from the same depths will be combined into four 4-point composite samples by the laboratory.
The four 4-point composite samples will be analyzed for TPHd and TPHmo by EPA 8015 and Title 22 Metals by EPA 6010/7471.
One discrete sample per boring (each collected at different depths) would be analyzed for BTEX and TPHG by EPA 8260B.
Request for approval to reuse the soil on site will include:

1) A map or aerial photo showing the general area where the fill came from.
2) The volume of the stockpiles and volume that each sample represents and which sample goes with which stockpile
3) The type of samples - composite or discrete
4) The type of fill and the heterogeneity
5) Whether the fill contains any debris or construction material
6) Whether any staining or odor was observed
7) Confirmation of where the soil is to be reused
8) Laboratory analytical results

Regardless if soil is acceptable for reuse or must be disposed off site, the soil will be excavated and direct loaded on to trucks for transportation to another portion of the site for reuse or to the disposal facility.

Please let me know if the above plan is acceptable or provide comments.

Thank you,

Peter D. Sims, LEED AP
Project Environmental Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 343-3000 x15216 (Office)
(510) 327-9335 (Cell Phone)
(510) 343-3001 (Fax)
psims@ninyoandmoore.com

San Jose office
2149 O'Toole Avenue, Suite 30
San Jose, CA 95131
(408) 435-9000
(408) 435-9006 (Fax)

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-----Original Message-----
From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
Sent: Tuesday, November 04, 2014 8:25 AM
To: Peter Sims
Subject: RE: Ashland Housing Project

Hello Peter,

The proposed stockpile sampling and submittal of results to ACEH for review is acceptable. TPHg and VOC analyses are to be performed on discrete samples. When submitting the stockpile sampling results, please include the following:

1) A map or aerial photo showing the general area where the fill came from.
2) The volume of the stockpiles and volume that each sample represents and which sample goes with which stockpile
3) The type of samples - composite or discrete
4) The type of fill and the heterogeneity
5) Whether the fill contains any debris or construction material
6) Whether any staining or odor was observed
7) Confirmation of where the soil is to be reused
8) Laboratory analytical results

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Peter Sims [mailto:psims@ninyoandmoore.com]
Sent: Monday, November 03, 2014 2:55 PM
To: Wickham, Jerry, Env. Health
Subject: Ashland Housing Project

Hi Jerry,

The contractor at Ashland has more trenching in Kent Avenue to perform and is planning on reusing the soil on site if it is acceptable. We anticipate two 50-cubic yard stockpiles will be generated one after another. Soil will be stockpiled on plastic sheeting on site. The stockpiles will be sampled per Section 6.6

of the IRAP at a rate of one 4-point composite per 50 cubic yards and analyzed for TPHg, TPHd, and TPHmo by EPA Method 8015M; Title 22 Metals by EPA Method 6010B/7471; and BTEX by EPA Method 8260B. Analytical results will be screened by Ninyo & Moore and if they appear acceptable for reuse at the site per the IRAP cleanup goals, then the results will be submitted to you for your review and approval. The planned area for on-site soil reuse is beneath the building footprint. If soil is not acceptable for reuse then it will be disposed off-site. Results of the sampling, analysis, and reuse or disposal will be reported in the RACR. Please confirm or provide comments regarding the acceptability of the above. We hope to begin the stockpile sampling on this Wednesday.

Thank you,

Peter D. Sims, LEED AP
Project Environmental Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 343-3000 x15216 (Office)
(510) 327-9335 (Cell Phone)
(510) 343-3001 (Fax)
psims@ninyoandmoore.com

San Jose office
2149 O'Toole Avenue, Suite 30
San Jose, CA 95131
(408) 435-9000
(408) 435-9006 (Fax)

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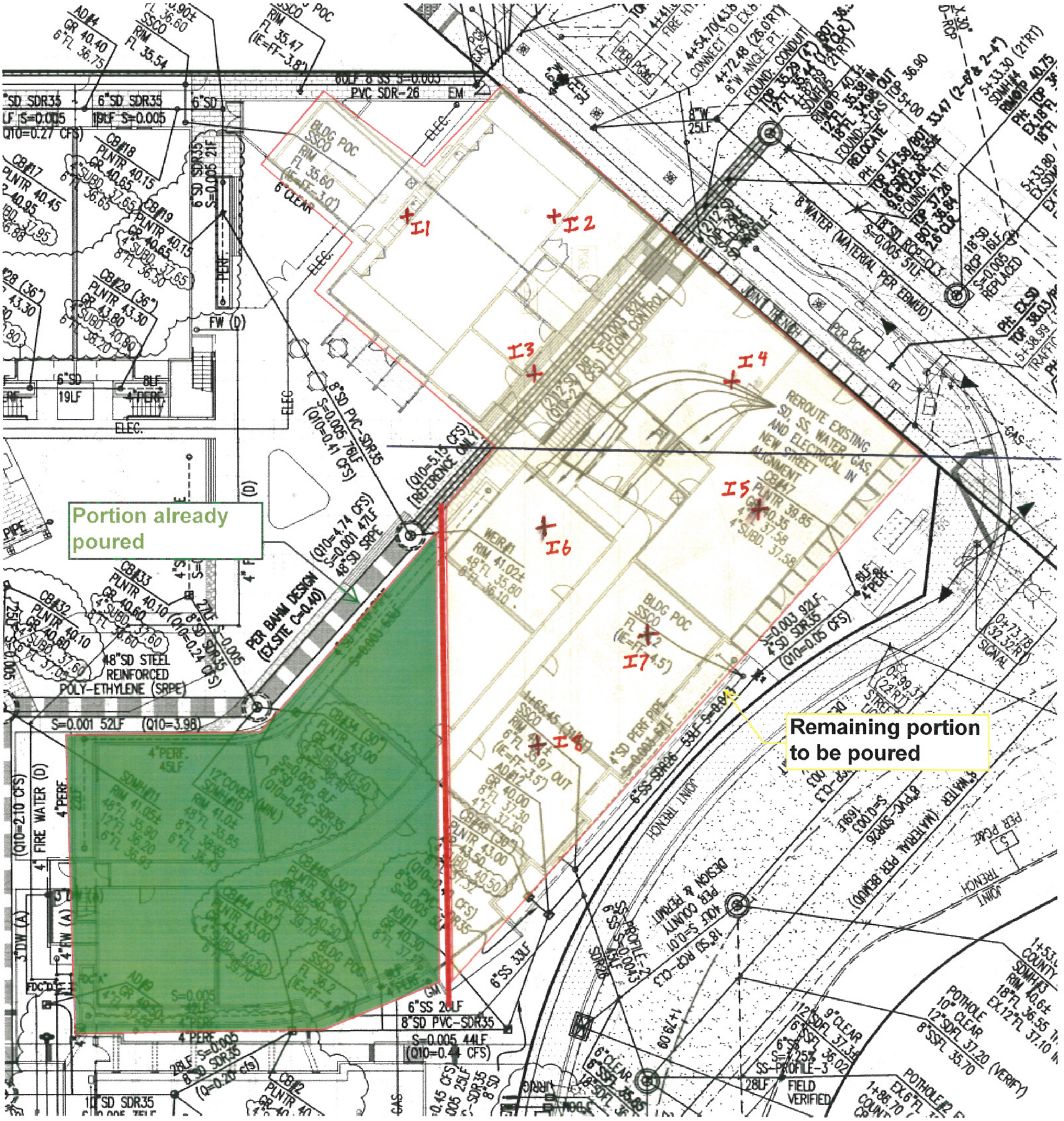

Portion already poured
Remaining portion to be poured
I1
I2
I3
I4
I5
I6
I7
I8
REROUTE EXISTING SD, SS, WATER, GAS, AND ELECTRICAL IN NEW STREET ALIGNMENT
BLDG POC
SSCO
48"SD STEEL REINFORCED POLY-ETHYLENE (SRPE)
PER BAHM DESIGN (EXSITE C=0.40)
8"SD PVC-SDR35
JOINT TRENCH
FIRE WATER (D)
8"WATER (MATERIAL PER EBMUD)