

Wickham, Jerry, Env. Health

From: Jeff Setera [jsetera@sandis.net]
Sent: Monday, August 29, 2011 10:37 AM
To: Wickham, Jerry, Env. Health
Cc: Miller, Charles GSA - Technical Service Department; mkuykendall@sandis.net; 'Logan Medeiros'; 'Peter Langtry'; 'Paul Beamer'; 611021@sandis.net; 'Nathan Allen'
Subject: 611021 - Ashland Revised Soil Sampling Plan
Attachments: Ashland Youth Center - Soil Sampling Plan 082911.pdf

Jerry:

Our geotechnical and environmental engineers along with the contractor will be executing this sampling plan tomorrow. Please review and approve as-is or provide any comments.

Thank you,

Jeff



Jeff Setera, P.E., LEED AP BD+C, QSD/P
Vice President
1721 Broadway, Suite 201
Oakland, CA 94612
jsetera@sandis.net
P.510.873.8866 | F.510.873.8868 | C.408.892.3792
www.sandis.net

From: Peter Langtry [mailto:plangtry@cornerstoneearth.com]
Sent: Monday, August 29, 2011 10:28 AM
To: Nathan Allen; Logan Medeiros
Cc: mkuykendall@sandis.net; 'Jeff Setera'; 611021@sandis.net
Subject: RE: 611021 - Ashland Soil Sampling

Here is the proposed soil sampling plan for August 30. The locations are shown on the attached site map. The goal of the sampling is to delineate the vertical and lateral extent of contaminants of concern in on-site soil and to provide information needed for landfill waste profiling.

Test Pits TP-1 through TP-17

½ foot to 1 foot

2 feet to 2 ½ feet

3 to 3 ½ feet

CAM 17 metals (EPA 6000/7000); TPH diesel/motor oil with SG cleanup (EPA 8015); TPH gasoline/volatile organic compounds (VOCs) (EPA 8260); organochlorine pesticides (OCP) and polychlorinated biphenyls (PCBs) (EPA 8081/8082); polynuclear aromatic hydrocarbons (PAHs) (8270SIM).

4 ½ to 5 feet: Hold at lab.

Test Pits TP-18, TP-29, TP-21 and TP-22 (located within -3 foot cut)

0 to ½ foot (-3 to -3 ½ feet below original grade):

CAM 17 metals (EPA 6000/7000); TPH diesel/motor oil with SG cleanup (EPA 8015); TPH gasoline/VOCs (EPA 8260); OCP and PCBs (EPA 8081/8082); PAHs (8270SIM).

1 ½ to 2 feet (-4 ½ to -5 feet below original grade): Hold at lab.

Test Pit TP-20 (located within -6 foot cut area/former pit B2)

2 to 2 ½ feet (-8 to -8 ½ feet below original grade):

TPH diesel/motor oil with SG cleanup (EPA 8015); TPHg/VOCs (EPA 8260).

If metals are detected in soil samples at 10 times the STLC limit and the soil appears to require off-site disposal, based on concentrations of contaminants of concern detected, the soil samples will be additionally analyzed for soluble (Waste Extraction Test) metals.

Please let me know if you have any questions or need anything else.

Sincerely,

Peter Langtry, P.G., C.E.G.
Principal Geologist



2737 North Main Street, Unit 10 | Walnut Creek, CA 94597
T 925-988-9500, Ext. 11 | F 925-988-9501
C 925.817.8814
E plangtry@cornerstoneearth.com

From: Nathan Allen [mailto:nallen@sandis.net]
Sent: Friday, August 26, 2011 4:50 PM
To: 'Logan Medeiros'; Peter Langtry
Cc: mkuykendall@sandis.net; "Jeff Setera"; 611021@sandis.net
Subject: 611021 - Ashland Soil Sampling

Logan,

As soon as you and Peter have coordinated the actual number and type of sampling, please send us a revised cost estimate for this work (including an expedited (2 Day?) Turnaround and any impact on your time) so we can get the cost impact in front of the County.

Peter,

Similarly, please let us know what additional time/fee you will need for this additional scope.

Lastly, I told Jerry we'd have a sampling plan to him on Monday morning so please do what you can to stick to this goal.

Thanks for your efforts to date.

Have a good weekend,

Nathan



Nathan Allen, PE

Project Engineer

1721 Broadway, Suite 201

Oakland, CA 94612

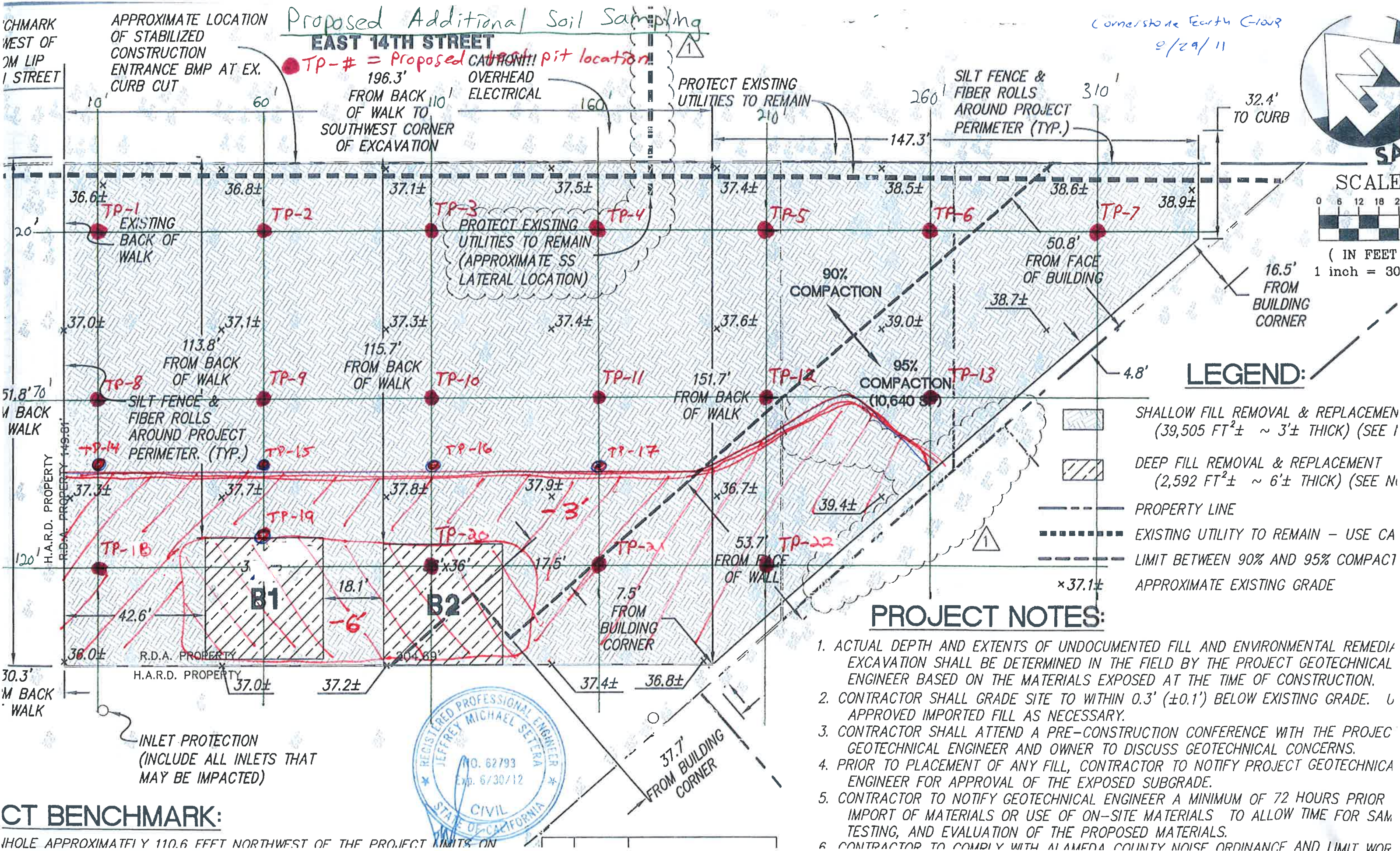
nallen@sandis.net

P.510.873.8866 | D.510.590.3412

F.510.873.8868

www.sandis.net

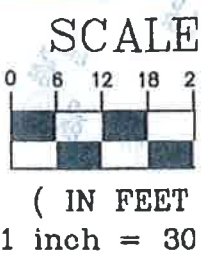
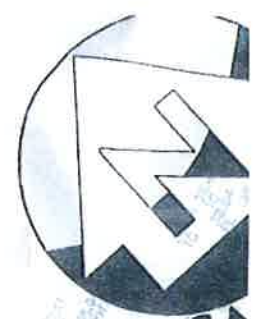
CONFIDENTIALITY NOTICE: This transaction by email or fax, and any documents, files or previous e-mail messages attached to it may contain confidential information that is legally privileged and/or protected. The information and materials contained herein are for the sole use and benefit of the individual or entity to whom Sandis has performed these services. The use of this document does not create a contractual relationship or a cause of action in favor of a third party recipient against Sandis. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that any disclosure, copying, and distribution or use of any of the information contained in or attached to this transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please notify us immediately by reply e-mail, by fax at (510) 873-8868, or by telephone at (510) 873-8866 and destroy the original transmission and its attachments without reading or saving in any manner



CT BENCHMARK:

WHOLE APPROXIMATELY 110.6 FEET NORTHWEST OF THE PROJECT LIMITS ON

Cornerstone Earth Group
2/29/11



LEGEND:

- SHALLOW FILL REMOVAL & REPLACEMENT (39,505 FT² ± ~ 3' ± THICK) (SEE I)
- DEEP FILL REMOVAL & REPLACEMENT (2,592 FT² ± ~ 6' ± THICK) (SEE N)
- PROPERTY LINE
- EXISTING UTILITY TO REMAIN - USE CAUTION
- LIMIT BETWEEN 90% AND 95% COMPACTION
- APPROXIMATE EXISTING GRADE

PROJECT NOTES:

- ACTUAL DEPTH AND EXTENTS OF UNDOCUMENTED FILL AND ENVIRONMENTAL REMEDIATION EXCAVATION SHALL BE DETERMINED IN THE FIELD BY THE PROJECT GEOTECHNICAL ENGINEER BASED ON THE MATERIALS EXPOSED AT THE TIME OF CONSTRUCTION.
- CONTRACTOR SHALL GRADE SITE TO WITHIN 0.3' (±0.1') BELOW EXISTING GRADE. USE APPROVED IMPORTED FILL AS NECESSARY.
- CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE PROJECT GEOTECHNICAL ENGINEER AND OWNER TO DISCUSS GEOTECHNICAL CONCERNS.
- PRIOR TO PLACEMENT OF ANY FILL, CONTRACTOR TO NOTIFY PROJECT GEOTECHNICAL ENGINEER FOR APPROVAL OF THE EXPOSED SUBGRADE.
- CONTRACTOR TO NOTIFY GEOTECHNICAL ENGINEER A MINIMUM OF 72 HOURS PRIOR TO IMPORT OF MATERIALS OR USE OF ON-SITE MATERIALS TO ALLOW TIME FOR SAMPLING, TESTING, AND EVALUATION OF THE PROPOSED MATERIALS.
- CONTRACTOR TO COMPLY WITH ALAMEDA COUNTY NOISE ORDINANCE AND LIMIT WORK

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Monday, August 29, 2011 11:33 AM
To: Jeff Setera
Cc: Miller, Charles GSA - Technical Service Department; mkuykendall@sandis.net; 'Logan Medeiros'; 'Peter Langtry'; 'Paul Beamer'; 611021@sandis.net; 'Nathan Allen'
Subject: RE: 611021 - Ashland Revised Soil Sampling Plan

Jeff,

I have reviewed the Revised Soil Sampling Plan consisting of a Revised Sampling Location Map and the text referenced below for case RO0212. The proposed sampling is acceptable with the same two conditions listed below that were provided in our previous comments:

- 1) If visual staining, odor, elevated PID readings, or other obvious signs of contamination are observed in a test pit, the fixed sample intervals will be adjusted or additional soil samples will be collected as necessary to characterize the contamination.
- 2) The conditions in each test pit will be logged by a qualified engineer or geologist.

Regards,
Jerry Wickham
Alameda County Environmental Health

From: Jeff Setera [jsetera@sandis.net]
Sent: Monday, August 29, 2011 10:37 AM
To: Wickham, Jerry, Env. Health
Cc: Miller, Charles GSA - Technical Service Department; mkuykendall@sandis.net; 'Logan Medeiros'; 'Peter Langtry'; 'Paul Beamer'; 611021@sandis.net; 'Nathan Allen'
Subject: 611021 - Ashland Revised Soil Sampling Plan

Jerry:

Our geotechnical and environmental engineers along with the contractor will be executing this sampling plan tomorrow. Please review and approve as-is or provide any comments.

Thank you,

Jeff



SANDIS

CIVIL ENGINEERS
SURVEYORS
PLANNERS

Jeff Setera, P.E., LEED AP BD+C, QSD/P
Vice President
1721 Broadway, Suite 201
Oakland, CA 94612
jsetera@sandis.net
P.510.873.8866 | F.510.873.8868 | C.408.892.3792
www.sandis.net

From: Peter Langtry [mailto:plangtry@cornerstoneearth.com]
Sent: Monday, August 29, 2011 10:28 AM
To: Nathan Allen; Logan Medeiros
Cc: mkuykendall@sandis.net; 'Jeff Setera'; 611021@sandis.net
Subject: RE: 611021 - Ashland Soil Sampling

Here is the proposed soil sampling plan for August 30. The locations are shown on the attached site map. The goal of the sampling is to delineate the vertical and lateral extent of contaminants of concern in on-site soil and to provide information needed for landfill waste profiling.

Test Pits TP-1 through TP-17

½ foot to 1 foot
2 feet to 2 ½ feet
3 to 3 ½ feet

CAM 17 metals (EPA 6000/7000); TPH diesel/motor oil with SG cleanup (EPA 8015); TPH gasoline/volatile organic compounds (VOCs) (EPA 8260); organochlorine pesticides (OCP) and polychlorinated biphenyls (PCBs) (EPA 8081/8082); polynuclear aromatic hydrocarbons (PAHs) (8270SIM).

4 ½ to 5 feet: Hold at lab.

Test Pits TP-18, TP-29, TP-21 and TP-22 (located within -3 foot cut)

0 to ½ foot (-3 to -3 ½ feet below original grade):

CAM 17 metals (EPA 6000/7000); TPH diesel/motor oil with SG cleanup (EPA 8015); TPH gasoline/VOCs (EPA 8260); OCP and PCBs (EPA 8081/8082); PAHs (8270SIM).

1 ½ to 2 feet (-4 ½ to -5 feet below original grade): Hold at lab.

Test Pit TP-20 (located within -6 foot cut area/former pit B2)

2 to 2 ½ feet (-8 to -8 ½ feet below original grade):

TPH diesel/motor oil with SG cleanup (EPA 8015); TPHg/VOCs (EPA 8260).

If metals are detected in soil samples at 10 times the STLC limit and the soil appears to require off-site disposal, based on concentrations of contaminants of concern detected, the soil samples will be additionally analyzed for soluble (Waste Extraction Test) metals.

Please let me know if you have any questions or need anything else.

Sincerely,

Peter Langtry, P.G., C.E.G.
Principal Geologist



2737 North Main Street, Unit 10 | Walnut Creek, CA 94597
T 925-988-9500, Ext. 11 | F 925-988-9501
C 925.817.8814
E plangtry@cornerstoneearth.com

From: Nathan Allen [mailto:nallen@sandis.net]
Sent: Friday, August 26, 2011 4:50 PM
To: 'Logan Medeiros'; Peter Langtry
Cc: mkuykendall@sandis.net; "Jeff Setera"; 611021@sandis.net
Subject: 611021 - Ashland Soil Sampling

Logan,

As soon as you and Peter have coordinated the actual number and type of sampling, please send us a revised cost estimate for this work (including an expedited (2 Day?) Turnaround and any impact on your time) so we can get the cost impact in front of the County.

Peter,

Similarly, please let us know what additional time/fee you will need for this additional scope.

Lastly, I told Jerry we'd have a sampling plan to him on Monday morning so please do what you can to stick to this goal.

Thanks for your efforts to date.

Have a good weekend,

Nathan



Nathan Allen, PE
Project Engineer
1721 Broadway, Suite 201
Oakland, CA 94612
nallen@sandis.net
P.510.873.8866 | D.510.590.3412
F.510.873.8868
www.sandis.net

CONFIDENTIALITY NOTICE: This transaction by email or fax, and any documents, files or previous e-mail messages attached to it may contain confidential information that is legally privileged and/or protected. The information and materials contained herein are for the sole use and benefit of

the individual or entity to whom Sandis has performed these services. The use of this document does not create a contractual relationship or a cause of action in favor of a third party recipient against Sandis. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that any disclosure, copying, and distribution or use of any of the information contained in or attached to this transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please notify us immediately by reply e-mail, by fax at (510) 873-8868, or by telephone at (510) 873-8866 and destroy the original transmission and its attachments without reading or saving in any manner