

FOR CONTRACT NO.: 03-2F2804

INFORMATION HANDOUT

PERMITS

TAHOE REGIONAL PLANNING AGENCY

MATERIALS INFORMATION

ASBESTOS AND LEAD-CONTAINING PAINT SURVEY

ROUTE: 03-PLA-89-8.9



Mail
 PO Box 5310
 Stateline, NV 89449-5310

Location
 128 Market Street
 Stateline, NV 89449

Contact
 Phone: 775-588-4547
 Fax: 775-588-4527
 www.trpa.org

Permit

PROJECT DESCRIPTION: Caltrans Sand Storage Building Rebuild

Project No.: 530-201-00 **FILE:** ERSP2011-1134 **PERMITTEE:** Caltrans

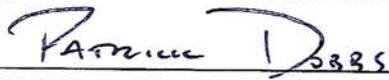
COUNTY/LOCATION: Placer/State Route 89 Post Mile 8.9, Tahoe City, California

Having made the findings required by Agency ordinances and rules, TRPA Hearings Officer approved the project on **February 2, 2012**, subject to the standard conditions of approval attached hereto (Attachment Q) and the special conditions found in this permit.

This permit shall expire on **February 2, 2015**, without further notice unless the construction has commenced prior to this date and diligently pursued thereafter. Commencement of construction consists of pouring concrete for a foundation and does not include grading, installation of utilities or landscaping. Diligent pursuit is defined as completion of the project within the approved construction schedule. The expiration date shall not be extended unless the project is determined by TRPA to be the subject of legal action which delayed or rendered impossible the diligent pursuit of the permit.

NO DEMOLITION, GRADING, or CONSTRUCTION SHALL COMMENCE UNTIL:

- (1) TRPA RECEIVES A COPY OF THIS PERMIT UPON WHICH THE PERMITTEE(S) HAS ACKNOWLEDGED RECEIPT OF THE PERMIT AND ACCEPTANCE OF THE CONTENTS OF THE PERMIT;
- (2) ALL PRE-CONSTRUCTION CONDITIONS OF APPROVAL ARE SATISFIED AS EVIDENCED BY TRPA'S ACKNOWLEDGEMENT OF THIS PERMIT;
- (3) THE PERMITTEE OBTAINS A COUNTY BUILDING PERMIT. TRPA'S ACKNOWLEDGEMENT IS NECESSARY TO OBTAIN A COUNTY BUILDING PERMIT. THE COUNTY PERMIT AND THE TRPA PERMIT ARE INDEPENDENT OF EACH OTHER AND MAY HAVE DIFFERENT EXPIRATION DATES AND RULES REGARDING EXTENSIONS; AND
- (4) A TRPA PRE-GRADING INSPECTION HAS BEEN CONDUCTED WITH THE PROPERTY OWNER AND/OR THE CONTRACTOR.


 TRPA Executive Director/Designee

2/2/2012
 Date

PERMITTEES' ACCEPTANCE: I have read the permit and the conditions of approval and understand and accept them. I also understand that I am responsible for compliance with all the conditions of the permit and am responsible for my agents' and employees' compliance with the permit conditions. I also understand that if the property is sold, I remain liable for the permit conditions until or unless the new owner acknowledges the transfer of the permit and notifies TRPA in writing of such acceptance. I also understand that certain mitigation fees associated with this permit are non-refundable once paid to TRPA. I understand that it is my sole responsibility to obtain any and all required approvals from any other state, local or federal agencies that may have jurisdiction over this project whether or not they are listed in this permit.

Signature of Permittee  Date 03/07/12

(PERMIT CONTINUED ON NEXT PAGE)

PROJECT NO. 530-201-00
FILE NO. ERSP2011-1134

Excess Coverage Mitigation Fee (1): Amount \$ _____ Paid _____ Receipt No. _____

Security Posted (2): Amount \$ 1,000.00 Type _____ Paid _____ Receipt No. _____

Security Administrative Fee (3): Amount \$ _____ Paid _____ Receipt No. _____

Notes:

- (1) Amount to be Determined. See Special Condition 3.C., below.
- (2) Amount to be Determined. See Special Condition 3.D., below.
- (3) \$152 if a cash security is posted or \$135 if a non-cash security is posted.

Required plans determined to be in conformance with approval: Date: _____

TRPA ACKNOWLEDGEMENT: The permittee has complied with all pre-construction conditions of approval as of this date and is eligible for a county building permit:

TRPA Executive Director/Designee

Date

SPECIAL CONDITIONS

1. This permit specifically authorizes demolition and removal of the existing Brine tank and sand storage building, construction of a new sand storage building, installation of a new double walled Brine tank, and minor electrical work and paving at the Caltrans Tahoe City Maintenance Station.
2. The Standard Conditions of Approval listed in Attachment Q shall apply to this permit.
3. Prior to final permit acknowledgement the following conditions of approval shall be satisfied.
 - A. The permittee shall submit a final screening and landscaping plan to screen parking areas and buildings from the Tahoe City Bike Trail and Truckee River recreation areas. This plan shall include the use of native plants including willows, and other shrubs. Proposed fences shall be painted non-reflective dark brown earth tone colors (Munsell value less than 4) and must be screened with native vegetation, preferably willow and other plants well-adapted to stream

bank environments. The permittee shall submit final building color and material samples for all proposed exterior surfaces of the sand storage building and fence.

- B. Submit revised elevation plans which include the following:
- (1) The percent cross slope across the building site, the maximum allowed height pursuant to Table A of Chapter 22 of the TRPA Code, the maximum allowed height for public service buildings pursuant to Subsection 22.4 of the TRPA Code, and the proposed building height.
 - (2) Notation referencing the TRPA approved colors for the building.
- C. The project area has 100,655 square feet of unmitigated excess land coverage. The permittee shall mitigate a portion or all of the excess land coverage on this property by removing coverage within Hydrologic Transfer Area #8 (Tahoe City) or by submitting an excess coverage mitigation fee.

To calculate the amount of excess coverage to be removed, use the following formula:

Estimated project construction cost multiplied by 4 percent and divided by the mitigation factor of 8. If you choose this option, please revise your final site plans and land coverage calculations to account for the permanent coverage removal.

An excess land coverage mitigation fee may be paid in lieu of permanently retiring land coverage. The excess coverage mitigation fee shall be calculated as follows:

Coverage reduction square footage (as determined by formula above) multiplied by the coverage mitigation cost fee of \$8.50 per square foot for projects located within Hydrologic Transfer Area #8. Please provide a construction cost estimate by your licensed contractor, architect or engineer. In no case shall the mitigation fee be less than \$200.00.

- D. The security required under Standard Condition I.B of Attachment Q shall be shall be \$1,000.00. Please see Attachment J, Security Procedures, for appropriate methods of posting the security and for calculation of the required security administration fee.
- E. The permittee shall provide (3) three sets of the final plans for TRPA acknowledgement.

4. In addition to adhering to all requirements of Caltrans Statewide NPDES Permit CAS No. 000003 (Order No. 99-06-DWQ), Permittee shall be responsible for implementing appropriate temporary BMPs during construction, including sediment barriers such as weighed straw wattles, and effective dust control and stockpile management to prevent the release of fine sediment or other pollutants from the site. Temporary BMPs shall be maintained as described in TRPA Standard Attachment Q.
5. All waste resulting from the saw-cutting of pavement shall be removed using a vacuum (or other TRPA-approved method) during the cutting process or immediately thereafter. Discharge of waste material to surface drainage features is prohibited and constitutes a violation of this permit.
6. Prior to construction the permittee shall submit a projected construction schedule identifying dates for all grading, demolition, and construction.
7. To the maximum extent allowable by law, the permittee agrees to indemnify, defend, and hold harmless TRPA, its Governing Board, its Planning Commission, its agents, and its employees (collectively, TRPA) from and against any and all suits, losses, damages, injuries, liabilities, and claims by any person (a) for any injury (including death) or damage to person or property or (b) to set aside, attack, void, modify, amend, or annul any actions of TRPA. The foregoing indemnity obligation applies, without limitation, to any and all suits, losses, damages, injuries, liabilities, and claims by any person from any cause whatsoever arising out of or in connection with either directly or indirectly, and in whole or in part (1) the processing, conditioning, issuance, or implementation of this permit; (2) any failure to comply with all applicable laws and regulations; or (3) the design, installation, or operation of any improvements, regardless of whether the actions or omissions are alleged to be caused by TRPA or the permittee.

Included within the permittee's indemnity obligation set forth herein, the permittee agrees to pay all fees of TRPA's attorneys and all other costs and expenses of defenses as they are incurred, including reimbursement of TRPA as necessary for any and all costs and/or fees incurred by TRPA for actions arising directly or indirectly from issuance or implementation of this permit. Permittee shall also pay all costs, including attorneys' fees, incurred by TRPA to enforce this indemnification agreement. If any judgment is rendered against TRPA in any action subject to this indemnification, the permittee shall, at its expense, satisfy and discharge the same.

END OF PERMIT

ATTACHMENT Q

STANDARD CONDITIONS OF APPROVAL FOR GRADING PROJECTS

This handout on the standard conditions that must be met in all projects involving grading is divided into the following three sections:

- I. Pre-Grading Conditions (Pre-activity, where applicable)
- II. Construction/Grading Conditions
- III. General Conditions/Design Standards

Please read all of the conditions carefully to avoid any delays in construction of your project.

NOTE: Your plans have been reviewed and approved as required under Tahoe Regional Planning Agency (TRPA) Rules, Regulations and Ordinances only. TRPA has not reviewed and shall not be responsible for any elements contained in your plans, i.e., structural, electrical, mechanical, etc., which are not required for review under said Rules, Regulations and Ordinances.

I. PRE-GRADING/PRE-ACTIVITY CONDITIONS:

The following conditions must be completely complied with prior to any site disturbance or commencement of activity.

A. Final Construction Plans:

Final construction plans must be submitted to and reviewed by TRPA to determine conformance with the approval. Said plans shall clearly depict the following:

1. Slope stabilization methods to stabilize all existing and proposed cut and fill slopes.
2. Areas to be revegetated, including complete specifications for such revegetation.
3. Fencing for vegetation protection.
4. Temporary and permanent erosion control devices.
5. Utility trenches.
6. Dust control measures.
6. All water quality improvements (BMPs) required in the conditional approval. Drainage facilities shall be designed to be capable of retaining runoff water for a two (2) year, six (6) hour storm.
8. The final plans shall contain equipment specifications necessary to establish compliance with Standard Conditions III. A-F.

B. Securities:

A security shall be posted with the TRPA to insure compliance with all permit conditions. The security shall include an amount equal to 110 percent of the cost of the BMPs and other erosion control and water quality improvements required. For further information on the acceptable types of securities, see Attachment J.

C. Mitigation Fees:

All required air quality, water quality, and excess coverage and offsite coverage mitigation fees shall be paid to TRPA.

D. Temporary BMPs:

The following temporary BMPs are required to be installed onsite prior to any grading activity occurring:

1. Installation of temporary erosion controls.
2. Installation of vegetation protection measures.
3. Installation of construction site boundary fencing.

E. Required Inspection:

An onsite inspection by TRPA staff is required prior to any construction or grading activity occurring. TRPA staff shall determine if the onsite improvements required by Condition II (1), above, have been properly installed. No grading or construction shall be undertaken by the permittee until receipt of TRPA notification that the pre-grading/pre-activity conditions of approval have been satisfied.

F. Required Notices:

The following notices to the TRPA are required prior to any grading or construction occurring on the project site:

1. Notice for Pre-Grading Inspection: The permittee shall notify the TRPA when all onsite improvements required under Condition II(1), above, have been installed so that the required pre-grading inspection may be scheduled.
2. Notice of Commencement of Construction: The permittee shall notify the TRPA at least 48 hours prior to commencement of construction or grading on the project site. Said notice shall include the date when construction will commence.

II. CONSTRUCTION/GRADING CONDITIONS:

The following conditions shall be complied with during the grading and construction phase of the project.

- A. All construction shall be accomplished in strict compliance with the plans approved by TRPA.
- B. The TRPA permit and the final construction drawings bearing the TRPA stamp of approval shall be present on the construction site from the time construction commences to final TRPA site inspection. The permit and plans shall be available for inspection upon request by any TRPA employee. Failure to present the TRPA permit and approved plans may result in the issuance of a Cease and Desist Order by the TRPA.
- C. Whenever possible, utilities shall occupy common trenches to minimize site disturbance.
- D. There shall be no grading or land disturbance performed with respect to the project between October 15 and May 1, except as follows:
 1. The grading or land disturbance is for excavation and backfilling for a volume not in excess of three cubic yards.
 2. The activity is completed within a 48-hour period.
 3. The excavation site is stabilized to prevent erosion.
 4. The pregrade inspection is performed by TRPA staff, and the activity passes the inspection.

5. The grading/project does not represent or involve a series of excavations, which, when viewed as a whole, would exceed the provisions of this Standard Condition of Approval, and Subsection 4.2.A of the TRPA Code of Ordinances.

Grading is prohibited any time of the year during periods of precipitation and for the resulting period of time when the site is covered with snow, or is in a saturated, muddy, or instable condition (pursuant to Subsection 64.2.C of the TRPA Code of Ordinances.)

- E. All material obtained from any excavation work that is not contained within foundations, retaining walls, or by other methods approved by TRPA shall be removed from the subject parcel and disposed of at a site approved by TRPA.
- F. Replanting of all exposed surfaces, in accordance with the revegetation and slope stabilization plan, shall be accomplished within the first growing season following disturbance, unless an approved construction/inspection schedule establishes otherwise.
- G. All trees and natural vegetation to remain on the site shall be fenced for protection. Scarring of trees shall be avoided and, if scarred, damaged areas shall be repaired with tree seal.
 1. Fencing specified shall be at least 48 inches high and shall be constructed of metal posts and either orange construction fencing or metal mesh fencing also at least 48 inches high (Section 65.2.I.3 and 65.2.J.3). Job sites with violations of the fencing standards will be required to re-fence the job site with a high gauge metal fencing.
 2. No material or equipment shall enter or be placed in the areas protected by fencing or outside the construction areas without prior approval from TRPA. Fences shall not be moved without prior approval (Section 65.2.I.2 and 65.2.J.2).
 3. To reduce soil disturbance and damage to vegetation, the area of disturbance during the construction of a structure shall be limited to the area between the footprint of the building and the public road. For the remainder of the site the disturbance areas shall not exceed 12 feet from the footprint of the structure, parking area or cut/fill slope. The approved plans should show the fencing and approved exceptions (Section 30.14.A).
- H. Soil and construction material shall not be tracked off the construction site. Grading operations shall cease in the event that a danger of violating this condition exists. The site shall be cleaned up and road right-of-way swept clean when necessary.
- I. During grading and construction, environmental protection devices such as erosion control devices, dust control, and vegetation protection barriers shall be maintained.
- J. Loose soil mounds or surfaces shall be protected from wind or water erosion by being appropriately covered when construction is not in active progress or when required by TRPA.
- K. Excavated material shall be stored upgrate from the excavated areas to the extent possible. No material shall be stored in any stream zone or wet areas.
- L. Only equipment of a size and type that, under prevailing site conditions, and considering the nature of the work to be performed, will do the least amount of damage to the environment shall be used.
- M. No washing of vehicles or construction equipment, including cement mixers, shall be permitted anywhere on the subject property unless authorized by TRPA in writing.
- N. No vehicles or heavy equipment shall be allowed in any stream environment zone or wet areas, except as authorized by TRPA.
- O. All construction sites shall be winterized by October 15 to reduce the water quality impacts associated with winter weather as follows:

1. For the sites that will be inactive between October 15 and May 1:
 - (a) Temporary erosion controls shall be installed;
 - (b) Temporary vegetation protection fencing shall be installed;
 - (c) Disturbed areas shall be stabilized;
 - (d) Onsite construction slash and debris shall be cleaned up and removed;
 - (e) Where feasible, mechanical stabilization and drainage improvements shall be installed; and
 - (f) Spoil piles shall be removed from the site.
2. For sites that will be active between October 15 and May 1, in addition to the above requirements:
 - (a) Permanent mechanical erosion control devices shall be installed, including paving of driveway and parking areas; and
 - (b) Parking of vehicles and storage of building materials shall be restricted to paved areas.

III. GENERAL CONDITIONS/DESIGN STANDARDS:

- A. Projects approved by TRPA shall be subject to inspections by TRPA at any reasonable time. The permittee shall be responsible for making the project area accessible for inspection purposes. TRPA shall not be liable for any expense incurred by the permittee as a result of TRPA inspections.
- B. Construction shall be completed in accordance with an approved construction schedule. An extension of a completion schedule for a project may be granted provided the request is made in writing prior to the expiration of the completion schedule, a security is posted to ensure completion or abatement of the project, and TRPA makes either of the following findings:
 1. The project was diligently pursued, as defined in Subparagraph 4.12.C.(2) of the Code of Ordinances, during each building season (May 1 - October 15) since commencement of construction.
 2. That events beyond the control of the permittee, which may include engineering problems, labor disputes, natural disasters, or weather problems, have prevented diligent pursuit of the project.
- C. Water conservation appliances and fixtures shall be installed in all new facilities or, when replaced, in existing facilities: low flow flush toilets; low flow showerheads (3 gpm rated maximum flow); faucet aerators; and water-efficient appliances (e.g., washing machines and dishwaters).
- D. Water heaters shall not emit nitrogen oxides greater than 40 nanograms of nitrogen oxide (NO₂) per joule of heat output.
- E. Space heaters shall not emit greater than 40 nanograms of nitrogen oxides (as NO₂) per joule of useful heat delivered to the heated space.
- F. Wood heaters to be installed in the Region shall meet the safety regulations established by applicable city, county, and state codes. Coal shall not be used as a fuel source.
 1. Emission Standards: Wood heaters installed in the Region shall not cause emissions of more than 7.5 grams of particulates per hour for noncatalytic wood heaters or 4.1 grams per hour for catalytically equipped wood heaters.

2. Limitations: Wood heaters shall be sized appropriately for the space they are designed to serve. Multi-residential projects of five or more units, tourist accommodations, commercial, recreation and public service projects shall be limited to one wood heater per project area.
 3. List of Approved Heaters: TRPA shall maintain a list of wood heaters which may be installed in the Region. The list shall include the brand names, model number, description of the model and the name and address of the manufacturer. Wood heaters certified for use in either Colorado or Oregon shall be considered in compliance with 6(a), above.
- G. Construction materials shall be secured to prevent them from rolling, washing, or blowing off the project site. Rehabilitation and clean-up of the site following construction must include removal of all construction waste and debris.
- H. Plant species on the TRPA Recommended Native and Adapted Plant List shall be used for lawns and landscaping.
- I. The following sizes and spacing shall be required for woody plant materials at time of planting:
1. Trees shall be a minimum six feet tall or 1-1/2 inch caliper size or diameter at breast height;
 2. Shrubs shall be a minimum three gallon pot size where upright shrubs have a minimum height of 18 inches and a minimum spread of 18 inches; and spreading shrubs have a minimum spread of 18-24 inches.
 3. Groundcovers shall be a minimum four inch pot size or one gallon container and shall be maximum 24 inches on center spacing.
- J. Plant species not found on the TRPA Recommended Native and Adapted Plant List may be used for landscaping as accent plantings but shall be limited to borders, entryways, flower-beds, and other similar locations to provide accent to the overall native or adapted landscape design.
- K. The following exterior lighting standards shall apply:
1. Exterior lights shall not blink, flash or change intensity. String lights, building or roofline tube lighting, reflective or luminescent wall surfaces are prohibited.
 2. Exterior lighting shall not be attached to trees except for Christmas season.
 3. Parking lot, walkway, and building lights shall be directed downward.
 4. Fixture mounting height shall be appropriate to the purpose. The height shall not exceed the limitations set forth in Chapter 22 of the Code.
 5. Outdoor lighting shall be used for purposes of illumination only, and shall not be designed for, or used as, an advertising display. Illumination for aesthetic or dramatic purposes of any building or surrounding landscape utilizing exterior light fixtures projected above the horizontal is prohibited.
 6. The commercial operation of searchlights for advertising or any other purpose is prohibited. Seasonal lighting displays and lighting for special events which conflict with other provisions of this section may be permitted on a temporary basis.
- L. Any normal construction activities creating noise in excess of the TRPA noise standards shall be considered exempt from said standards provided all such work is conducted between the hours of 8:00 a.m. and 6:30 p.m.
- M. Fertilizer use on this property shall be managed to include the appropriate type of fertilizer, rate, and frequency of application to avoid release of excess nutrients and minimize use of fertilizer.
- N. No trees shall be removed or trimmed without prior TRPA written approval unless otherwise specifically exempted under Chapter 4 of the Code of Ordinances.

- O. The architectural design of this project shall include elements that screen from public view all external mechanical equipment, including refuse enclosures, satellite receiving disks, communication equipment, and utility hardware on roofs, buildings or the ground. Roofs, including mechanical equipment and skylights, shall be constructed of nonglare finishes that minimize reflectivity.
- P. The permittee is responsible for insuring that the project, as built, does not exceed the approved land coverage figures shown on the site plan. The approved land coverage figures shall supersede scaled drawings when discrepancies occur.
- Q. The adequacy of all required BMPs as shown on the final construction plans shall be confirmed at the time of the TRPA pre-grading inspection. Any required modifications, as determined by TRPA, shall be incorporated into the project permit at that time.
- R. It is the permittee's obligation to locate all subsurface facilities and/or utilities prior to any grading, dredging or other subsurface activity. The permittee is responsible for contacting the Northern Underground Service Alert (USA, usually known as USA DIGS 1-800-227-2600) prior to commencement of any activity on the site.
- S. The permittee agrees to indemnify, defend, hold harmless, TRPA, its Governing Board, its Planning Commission, its agents, and employees from and against any and all loss, damage, injury, liability, and claims thereof, for actions arising directly, or indirectly, from issuance or implementation, of this permit.
- T. This approval is based on the permittee's representation that all plans and information contained in the subject application are true and correct. Should any information or representation submitted in connection with the project application be incorrect or untrue, TRPA may rescind this approval or take other appropriate action.

ATTACHMENT J ***SECURITY PROCEDURES***

1. SECURITY REQUIREMENTS

As a condition of project approval, permittees may be required to post a security with TRPA to ensure compliance with certain conditions of project approval. In most cases, the security amount will be equal to 110% of the estimated costs of TRPA required revegetation, slope stabilization, and/or drainage improvements. An additional or alternative security amount may be required to ensure compliance with other conditions of approval for projects that don't involve revegetation, slope stabilization or drainage improvements. All securities must be for the amount specified on the permit and be valid for an indefinite period of time. When all conditions of approval are complied with/or all revegetation is planted and firmly established, the owner may request an onsite inspection for the purpose of releasing the security.*

All non-cash securities (items A, B, D, E and F below) posted with TRPA require a \$135.00 non-refundable administration fee. All cash securities (item C below) require a \$152.00 non-refundable administration fee. Please note that all fees are subject to change. All administration fees must be paid at the time of permit acknowledgement and be a separate payment from the security deposit. The administration fee cannot be combined into the security deposit.

*NOTE: ALL SECURITIES POSTED WITH TRPA MUST BE ORIGINAL BANK PAPERWORK WITH NAME, ADDRESS, ACCOUNT NUMBER, ASSESSOR'S PARCEL NUMBER, SIGNATURES AND PHONE NUMBER OF THE BANK CLEARLY STATED.

2. ACCEPTABLE TYPES OF SECURITIES

A. Certificate of Deposit

A Certificate of Deposit (CD) is an acceptable form of security. The CD should read: Purchased by owner/permittee and then made payable to TRPA. Made payable to owner/permittee "AND" TRPA is acceptable only if endorsed by owner/permittee. CD's made out to owner/permittee "OR" TRPA cannot be accepted. The CD must have an open maturity date or be automatically renewable. Included on the CD shall be the owner's name, mailing address and Assessor's Parcel Number. Interest earned on the account may be payable or available to the holder (See Example, page 6).

B. Hold on a Personal Savings Account

Placing a hold on a personal savings account is an acceptable security. Such security must be documented by a letter written by a bank or savings institution in which the name and mailing address of the owner of the account, Assessor's Parcel of the project, amount of hold, and account number is clearly identified. The letter must state that the account number is set aside solely for the purpose of security and is available on demand to TRPA. Interest earned on the account may be payable or available to the holder (See Example, page 5).

C. Cash

Payment by cash or check must have the owner's name and Assessor's Parcel Number of the project on the check. A \$152.00 non-refundable fee will be charged to cover the cost of administering the security deposit. Effective March 1, 2005, TRPA will no longer pay interest on those cash securities posted on or after this date. For all cash securities posted prior to March 1, 2005, the applicant will be paid 1.5% simple interest earned on the deposit upon release of the security.

D. Letter of Credit

This security must be in the owner's name, irrevocable for an indefinite period of time, and documented by a letter or statement from a bank showing the following information: the name and mailing address of

the owner of the property, the Assessor's Parcel Number of the project, the amount of the Letter of Credit, and the documentation required by the bank to collect (usually a letter signed by TRPA indicating the proper steps have not been taken as agreed). The letter or statement must clearly state that TRPA is a beneficiary of the credit amount (See Example, page 4).

E. Assignment of a Personal Savings Account

Assigning a personal savings account is an acceptable form of a security when placed in the owner's name and assigned to TRPA. Such a security must consist of the actual savings passbook and a separate notice of assignment (See Example, page 3). Included on the Notice of Assignment shall be the owner's name and mailing address, account number, Assessor's Parcel Number of the project and the amount of the assignment.

F. Faithful Performance Bond

Such security is acceptable only when the required security amount is \$10,000 or more and is in TRPA's name. The bond must have the insurance company, bond number, owner of security or principal's name and mailing address, Assessor's Parcel Number of the project, amount, and the obligee, TRPA, must be clearly identified. The bond must be valid for an indefinite period of time. Contact TRPA for an example of how to set up a bond.

SAMPLE ASSIGNMENT OF A PERSONAL SAVINGS ACCOUNT

MUST BE ON BANK LETTERHEAD WHICH INCLUDES BANK ADDRESS AND PHONE NUMBER

NOTICE OF ASSIGNMENT TO ACCOMMODATE SAVINGS ACCOUNT PASSBOOK

NOTICE OF ASSIGNMENT

[Name of Owner(s)] hereinafter called Assignor, does (do) hereby assign and set over to the Tahoe Regional Planning Agency (TRPA), all right, title, and interest of whatever nature, of Assignor, in and to the insured account of the Assignor in the [Name of Bank/Savings & Loan] evidenced by an account in the amount of \$ _____ numbered _____ which is delivered to the TRPA herewith. Assignor agrees that this assignment carried with it the right in the insurance of the account by the Federal Savings and Loan Insurance Corporation/Federal Deposit Insurance Corporation, and includes the right of the TRPA to redeem, collect, and withdraw the full amount of such account at any time WITHOUT NOTICE TO ASSIGNOR. This assignment is given as security liability for:

assurance that the owner will comply with the TRPA permit conditions as required by the TRPA Code of Ordinances, Section 8.8. This amount is set aside solely for that purpose and is available on demand to the TRPA if the conditions are not satisfied. Please advise this office when the assignment can be released.

Assignor hereby notified the above-named institution of this agreement. Assignor hereby certifies that he/she/they agree that the above-referenced account will be renewed in its full amount if performances of the above-referenced conditions have not been certified by the Agency prior to the maturity date of the subject account.

Dated this _____ day of _____, 2_____

ASSIGNOR _____ ASSIGNOR _____

OWNER'S NAME _____

ACCOUNT NUMBER _____

APN _____

AMOUNT OF ASSIGNMENT _____

BANK ACKNOWLEDGEMENT _____

SAMPLE LETTER OF CREDIT

MUST BE ON BANK LETTERHEAD WHICH INCLUDES BANK ADDRESS AND PHONE NUMBER

Date _____

Tahoe Regional Planning Agency (TRPA)
P. O. Box 5310
Stateline, NV 89449

Assessor's Parcel Number _____

At the request for the account of (Owner/Permit Name and Mailing Address), we hereby open in your favor our Irrevocable Letter of Credit No. _____ in the aggregate amount of \$ _____ available by your draft drawn on us at sight when accompanied by the following documents:

1. Your signed certification executed by a TRPA official stating that (Owner/Permittee) has not completed revegetation, slope stabilization, and/or drainage improvements as per file _____ entered into with TRPA.
2. This original Letter of Credit.

This Irrevocable Standby Letter of Credit expires on _____. However, it is a condition of this Letter of Credit that it shall be deemed automatically extended without amendment for successive one year periods from the present and all future expiration dates hereof unless 60 days prior to any such date (Name of Bank) shall notify the TRPA *in writing by certified mail, return receipt requested*, at the above address that (Name of Bank) elects not to consider this Letter of Credit renewed for any such additional period. Upon receipt of such notice, you may draw on us hereunder by means of your draft on us a sight for the full amount of this Letter of Credit, accompanied by your name above noted signed certification.

Sincerely,

Name of Bank

BY: _____

BY: _____

SAMPLE LETTER OF HOLD ON PERSONAL SAVINGS

MUST BE ON BANK LETTERHEAD WHICH INCLUDES BANK ADDRESS AND PHONE NUMBER

Date _____

Tahoe Regional Planning Agency (TRPA)
P. O. Box 5310
Stateline, NV 89449

Assessor's Parcel Number _____

This letter is to advise you that (Owner's Name and Mailing Address) has authorized (Name of Bank/Savings & Loan) to place a hold on account number _____ in the amount of \$ _____ for an indefinite period of time.

The hold on the account is assurance that the owner will comply with TRPA permit conditions as required by the TRPA Code of Ordinances, Section 8.8. This amount is set aside solely for that purpose and is available on demand to the TRPA if the conditions are not satisfied. Please advise this office when the hold on the account can be released.

Sincerely,

NAME OF BANK/SAVINGS AND LOAN

BY: _____

SAMPLE CERTIFICATE OF DEPOSIT

TIME DEPOSIT

BRANCH _____ No. _____

PURCHASED BY Owner/Families

PAYABLE TO TRPO REGIONAL PLANNING AGENCY

DATE _____

RATE _____ YIELD _____

\$ AMOUNT _____

TERM _____

ACCOUNT # _____

AUTHORIZED SIGNATURE _____

The publication(s) you receive contains the terms and condition of this account. This time deposit will be reinvested automatically for the same term upon maturity or on the effect date of a deposit or withdrawal made during the grace period. (The grace period is two business days for terms of 89 days or less; ten calendar days for terms of 90 days or more beginning on the maturity date.) The new interest rate will be the interest rate in effect on the date your funds are reinvested.

*Interest compounded daily. Yield assumes deposit and interest remain in the account for a year at the same interest rate.

IMPORTANT INFORMATION

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SITE INVESTIGATION REPORT

**ASBESTOS AND LEAD-CONTAINING
PAINT SURVEY**

SALT & SAND STORAGE FACILITIES

**TRUCKEE AND TAHOE CITY, CALIFORNIA
(EA 3C9700)**



GEOCON

CONSULTANTS, INC

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

PREPARED FOR

CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 3

MARYSVILLE, CALIFORNIA

TASK ORDER NO. 03-2C7901-FX
GEOCON PROJECT NO. E8100-06-43

AUGUST 2002



Project No. E8100-06-43
August 22, 2002

Mr. Rajive Chadha, Contract Manager
California Department of Transportation – District 3
Marysville, California 95901

Subject: ASBESTOS AND LEAD-CONTAINING PAINT SURVEY
SALT AND SAND STORAGE FACILITIES
TRUCKEE AND TAHOE CITY, CALIFORNIA
CONTRACT NO. 43A0078
TASK ORDER NO. 03-2C7901-FX
EXPENDITURE AUTHORIZATION 3C9700

Dear Mr. Chadha:

In accordance with California Department of Transportation (Caltrans) Contract No. 43A0078 and Task Order (TO) 03-2C7901-FX, Geocon Consultants, Inc. (Geocon) has performed an asbestos and lead-containing paint (LCP) survey at the subject site. The scope of services provided by Geocon included surveying three structures for suspect asbestos and LCP, collecting bulk samples, and submitting the samples to a laboratory for analyses.

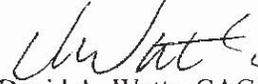
The accompanying report summarizes the services performed and laboratory analyses.

The contents of this report reflect the views of Geocon Consultants, Inc., who are responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

Please call us if you have any questions.

Sincerely,

GEOCON CONSULTANTS, INC.


David A. Watts, CAC
Project Scientist


Richard W. Day, CEG, CHG
Regional Manager

DAW:RWD:rjk

(5) Addressee

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- B. Analytical Laboratory Reports and Chain-of-Custody Documentation

1.0 INTRODUCTION

This Site Investigation (SI) report was prepared under Caltrans Contract No. 43A0078 and TO 03-2C7901-FX. Services performed under TO 03-2C7901-FX were split between multiple expenditure authorizations (EAs). This SI report addresses the Truckee and Tahoe City salt and sand storage facilities associated with EA 3C9700.

1.1 Site Description

The approximate locations of the salt and sand facilities are depicted on the Vicinity Map, presented as Figure 1. The project site consists of the following three salt and sand storage facilities in Nevada and Placer Counties, California:

- Truckee (salt and sand storage facility – single structure),
- Tahoe City (sand storage facility), and
- Tahoe City (salt storage facility).

1.2 General Objectives

The purpose of the scope of work outlined in TO 03-2C7901-FX was to assess the potential presence and quantity of asbestos and LCP on the three structures in advance of planned demolition activities at the Site. The information obtained from this investigation will be used by Caltrans to coordinate asbestos and LCP abatement activities and estimate associated costs within the proposed project work areas.

2.0 HISTORY

2.1 Previous Survey Activities

Previous survey reports of the Site were not available for review by Geocon.

2.2 As-Built Drawings

As-built drawings of the Site were not available for review by Geocon.

3.0 SCOPE OF SERVICES

3.1 Pre-Field Activities

The following pre-field activities were performed as requested by Caltrans in TO 03-2C7901-FX:

- Conducted a pre-work TO meeting on June 17, 2002. At the TO meeting, the Site Visit Checklist, Completion Schedule, and Notice to Proceed were discussed and signed by Geocon's representative and the Caltrans' contract manager.
- Conducted a pre-work site visit to locate and inspect the work area.
- A Workplan, dated July 11, 2002, was prepared to summarize the scope of services to be performed by Geocon.
- Prepared a Health and Safety Plan, dated July 2002, for the proposed field activities. The Health and Safety Plan provided guidelines on the use of personal protective equipment and the health and safety procedures to be implemented during the proposed field activities.

3.2 Field Activities

Mr. David Watts, a California Certified Asbestos Consultant (CAC), certification No. 98-2404 (expiration September 16, 2002), and Certified Lead Paint Inspector/Assessor and Project Monitor with the California Department of Health Services (DHS), certification nos. I-1734 and M-1734 (expiration December 4, 2002) performed the asbestos and LCP survey of the Site on July 16, 2002.

3.2.1 Asbestos

The *Code of Federal Regulations (CFR)*, 40 CFR 61, Subpart M, National Emissions Standards for Hazardous Air Pollutants (NESHAP) and Federal Occupational Safety and Health Administration (FED OSHA) classify asbestos-containing material (ACM) as any material or product that contains more than 1% asbestos. Nonfriable ACM is classified by NESHAP as either Category I or Category II material defined as follows:

- **Category I** – asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products.
- **Category II** – all remaining types of non-friable asbestos-containing material not included in Category I that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Regulated asbestos-containing material (RACM) is classified as any material that contains greater than 1% asbestos by dry weight and is:

- Friable; or
- Category I material that has become friable; or
- Category I material that has been subjected to sanding grinding, cutting or abrading; or
- Category II non-friable material that has a high probability of becoming crumbled, pulverized, or reduced to a powder during demolition or renovation activities.

With respect to potential worker exposure and registration requirements, the California Occupational Safety and Health Administration (Cal/OSHA) defines asbestos-containing construction material (ACCM) as construction material that contains more than 0.1% asbestos (Title 8, CCR 341.6).

3.2.2 Lead Paint

Lead-based paint is defined by Title 17, CCR, Division 1, Chapter 8, §35033 as any surface coating that contains an amount of lead equal to, or in excess of one milligram per square centimeter (1.0 mg/cm^2) or more than half of one percent (0.5%) by weight. Construction activities (including demolition) that disturb materials or paints containing any amount of lead are subject to certain requirements of the Cal/OSHA lead standard contained in Title 8, CCR, Section 1532.1. Deteriorated paint is defined by Title 17, CCR, Division 1, Chapter 8, §35022 as a surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from a component. Demolition of a deteriorated LCP component would require waste characterization and appropriate disposal. Intact lead-containing paint on a component is currently accepted by most landfill facilities; however, contractors should segregate and characterize waste streams prior to disposal.

Potential hazards exist to workers who remove or cut through LCP coatings during demolition. Dust containing hazardous concentrations of lead may be generated during scraping or cutting materials coated with lead-containing paint. Torching of these materials may produce lead oxide fumes. Therefore, air monitoring and/or respiratory protection may be required during the demolition of materials coated with LCP. Guidelines regarding regulatory provisions for construction work where workers may be exposed to lead are presented in the Title 8, CCR, Section 1532.1.

Geocon's procedures for inspection and sampling in accordance with TO 03-2C7901-FX are discussed below:

- Collected representative bulk samples of suspect LCP using techniques presented in the United States Department of Housing and Urban Development (HUD) guidelines. A total of seven bulk paint samples were collected from the Site. In addition, each painted area was evaluated for evidence of deterioration such as flaking or cracking.

It was not Geocon's intent during this inspection to conduct an evaluation of lead-based paint hazards in accordance with HUD guidelines. HUD protocol generally requires a very extensive sampling strategy that includes sampling of paint on each surface type (wall, ceiling, window sill, window frame, door frame, molding, etc.) in each room.

- Relinquished LCP samples to CRL Environmental Corporation (CRL), a California-licensed and Caltrans approved subcontractor, for chemical analysis for total lead following EPA Test Method 6010 under standard chain-of-custody procedures. CRL is accredited by the DHS and the NIST-NVLAP for lead analysis. The laboratory analyses were performed on a standard two-week turn-around-time.

Geocon sample identification numbers, paint colors, paint locations, conditions, and approximate quantities are summarized as portions of Table 1. Sample locations are shown on Figure 2. Photos of the materials sampled are presented as Appendix A.

4.0 INVESTIGATIVE RESULTS

4.1 Asbestos Analytical Results

Asbestos is assumed to be present in approximately 1,000 square feet of asphalt roofing associated with the Tahoe City salt storage facility. The roof was not safely accessible and was not sampled.

4.2 Paint Analytical Results

Geocon sample identification numbers, paint colors, paint locations, conditions, and approximate quantities are summarized as portions of Table 1. A summary of the analytical laboratory test results for suspect lead-containing paint is presented below.

4.2.1 Truckee Salt and Sand Storage Facility

Approximately 12,000 square feet of exterior beige paint exhibited a total lead concentration of 61 mg/kg. Painted surfaces in the salt bin area were observed to be peeling and flaking. Soluble lead was not detected above the laboratory reporting limit of 0.025 milligrams per liter (mg/l) using the Waste Extraction Test (WET) procedure.

Approximately 6,000 square feet of tan paint applied to the framework exhibited a total lead concentration of 1,600 mg/kg. Painted surfaces in the salt bin area were observed to be peeling and flaking. Soluble lead was not detected above the laboratory reporting limit of 0.10 mg/l using the Toxicity Characteristic Leaching Procedure (TCLP).

Approximately 10,000 square feet of interior white paint exhibited a total lead concentration of 34 mg/kg. Painted surfaces in the salt bin area were observed to be peeling and flaking.

4.2.2 Tahoe City Sand Storage Facility

Approximately 4,000 square feet of exterior brown paint exhibited a total lead concentration of 360 mg/kg. The paint was observed to be peeling and flaking. The sample exhibited a soluble lead concentration of 4.1 mg/l using the WET procedure.

Approximately 6,000 square feet of beige paint applied to the framework exhibited a total lead concentration of 9,800 mg/kg. The paint was observed to be peeling and flaking. The paint exhibited a soluble lead concentration of 50 mg/l following the TCLP method.

Approximately 8,000 square feet of interior white paint exhibited a total lead concentration of 23,000 mg/kg. The paint was observed to be peeling and flaking. The paint exhibited a soluble lead concentration of 54 mg/l following the TCLP method.

4.2.3 Tahoe City Salt Storage Facility

Total lead was not detected above the laboratory reporting limit of 50 mg/kg in approximately 2,000 square feet of intact exterior brown paint.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on our findings, Geocon recommends the following:

5.1 Asbestos

Activities that disturb materials containing any amount of asbestos are subject to certain requirements of the Cal/OSHA asbestos standard contained in Title 8, CCR Section 1529. Typically, removal or disturbance of more than 100 square feet of material containing more than 0.1% asbestos must be performed by a registered asbestos abatement contractor, but associated waste labeling is not required if the material contains 1% or less asbestos. When the asbestos content of a material exceeds 1%, virtually all requirements of the standard become effective.

Materials containing more than 1% asbestos are also subject to NESHAP regulations (40 CFR Part 61, Subpart M). Regulated ACM (friable ACM and nonfriable ACM that will become friable during demolition operations) must be removed from buildings prior to demolition. Certain nonfriable ACM and materials containing 1% or less asbestos may remain in buildings during demolition; however, there are waste disposal issues and Cal/OSHA work requirements that may make it cost ineffective to do so.

Geocon recommends that materials *assumed* to contain asbestos be treated as ACM until sampling and analysis indicate otherwise. Geocon also recommends that Caltrans notify contractors that will be conducting renovation work and related activities of the presence of suspect ACM in their work areas and instruct the contractors not to disturb asbestos during their work (i.e., provide the contractors with a copy of this report and a list of materials removed by asbestos abatement contractors during any abatement activities).

Geocon recommends that a licensed and certified asbestos abatement contractor or a licensed roofing contractor registered with Cal/OSHA for asbestos-related work perform any activities that would disturb roofing materials assumed to be asbestos-containing.

5.2 Lead Paint

Based on the analytical test results, Geocon recommends that peeling/flaking paint applied to the framework of the Truckee facility (salt bin) be removed and disposed of prior to planned demolition work. Geocon also recommends that peeling/flaking paint applied to the framework and interior walls/ceiling of the Tahoe City Sand Storage facility be removed and disposed of prior to planned demolition work. The contractor should be required to use personnel who have lead-related construction certification as supervisors or workers, as appropriate, from the California DHS for LCP removal work. Loose and peeling/flaking LCP require removal prior to demolition for waste segregation purposes: to separate potentially hazardous (Category III

concentrated lead) waste from non-hazardous demolition debris (Category II intact lead-painted architectural components). For budgetary planning purposes, Geocon's opinion of probable abatement costs for this material is \$10,000.

Geocon recommends that all paints at the Site be treated as lead-containing for purposes of determining the applicability of the Cal/OSHA lead standard during any future maintenance, renovation, and demolition activities. This recommendation is based on LCP sample results, the age of the buildings, and the fact that lead was a common ingredient of paints manufactured before 1978 and is still an ingredient of some industrial paints.

Typically, only paints that are peeling or flaking or have otherwise become separated from their substrates are of concern from a hazardous waste standpoint. The California Department of Toxic Substances Control (DTSC) "does not generally expect intact painted building materials to exhibit a characteristic of hazardous waste when disposed of." However, construction activities (including demolition) that disturb materials containing any amount of lead are subject to certain requirements of the Cal/OSHA lead standard contained in Title 8, CCR Section 1532.1. Geocon recommends the use of personnel who have lead-related construction certification as supervisors or workers, as appropriate, from the California DHS for personnel performing "trigger tasks" as defined in Title 8 CCR Section 1532.1. Intact lead-painted building materials that are removed/demolished should not require disposal as hazardous waste; however, contractors should segregate and characterize waste streams prior to disposal.

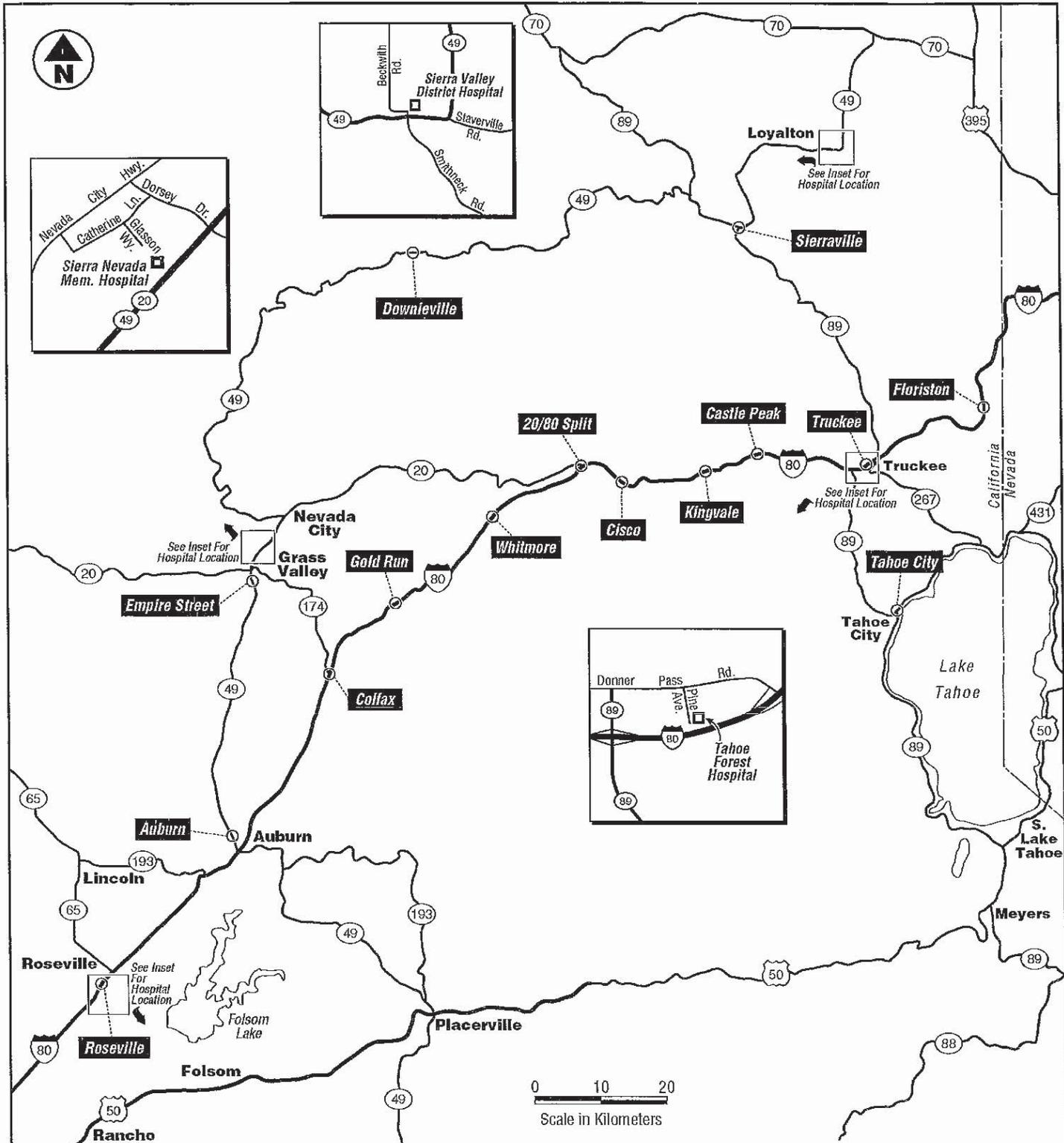
6.0 REPORT LIMITATIONS

The asbestos and LCP survey was conducted in conformance with generally accepted standards of practice for identifying and evaluating asbestos and LCP in structures. Due to the nature of building surveys, asbestos and LCP use, and laboratory analytical limitations, some ACM or LCP in the buildings may not have been identified. Building spaces, such as wall cavities, crawlspaces, and pipe chases, may have been concealed to Geocon's investigator. Previous building renovation work may have been concealed or covered spaces or materials, or may have partially demolished materials and left debris in inaccessible areas. Additionally, renovation activities may have partially replaced ACM with indistinguishable non-ACM. Asbestos and/or LCP may exist in areas of the structure not accessible or sampled in conjunction with this TO.

During renovation or demolition operations, suspect ACM may be uncovered which are different from those accessible for sampling during this assessment. Personnel in charge of renovation/demolition should be alerted to note materials uncovered during such activities that differ substantially from those included in this or previous assessment reports. If suspect ACM are found, additional sampling and analysis should be performed to determine if the materials contain asbestos.

This report has been prepared exclusively for Caltrans. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

This report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein. Therefore, the report should be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.



GEOCON

CONSULTANTS, INC.
 2356 RESEARCH DRIVE - LIVERMORE, CA. 94550
 PHONE 925 371-5900 - FAX 925 371-5915



Salt and Sand Storage Facilities

Sierra, Nevada, & Placer
 Counties, California

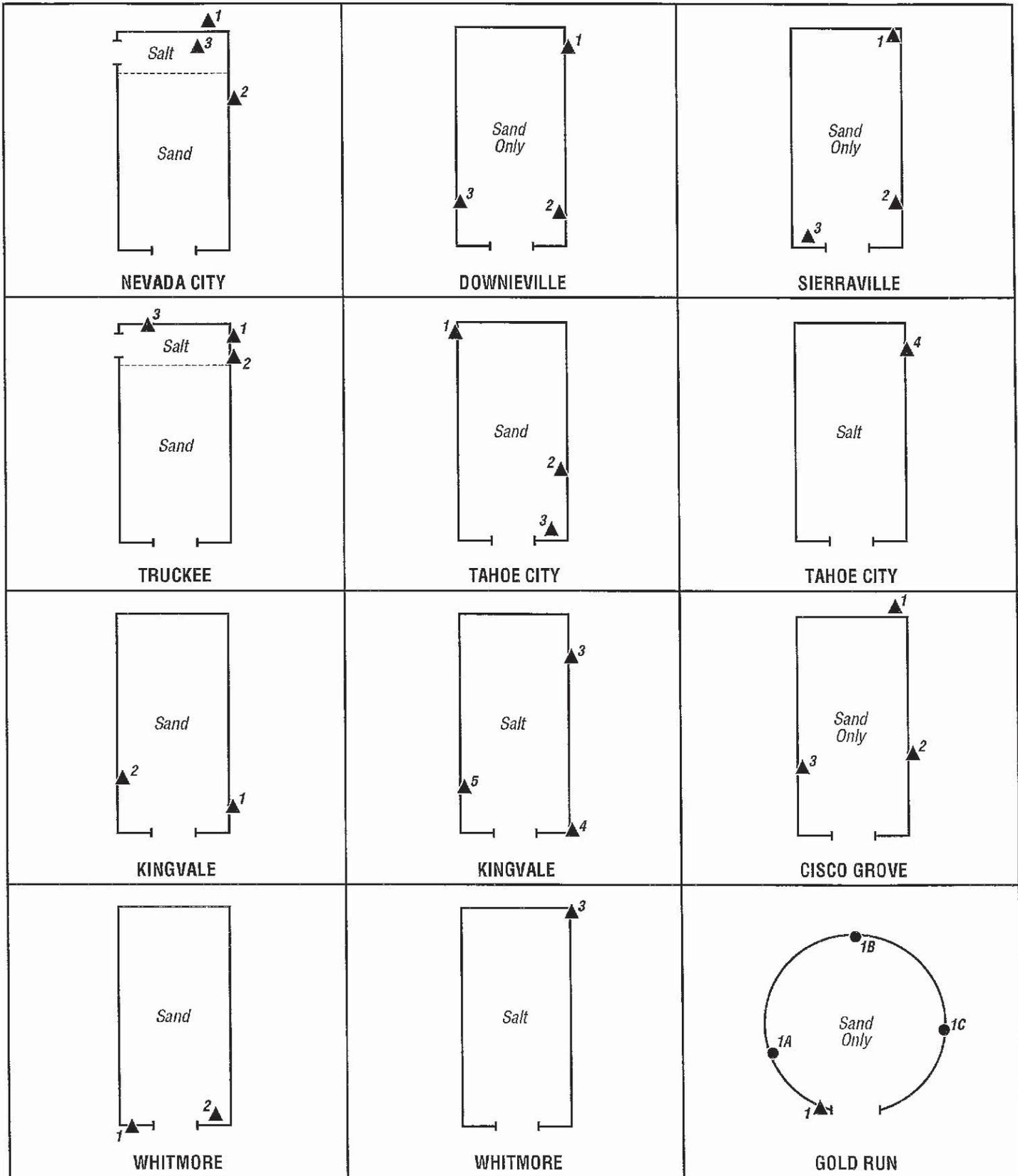
VICINITY MAP

GEOCON Proj. No. E8100-06-43

Task Order No. 03-2C7901-FX

July 2002

Figure 1



LEGEND: \blacktriangle 1 Approximate Paint Sample Location
 \bullet 1A Approximate Asbestos Sample Location

Not To Scale

SITE PLAN

Salt and Sand Storage Facilities

GEOCON
CONSULTANTS, INC.

2356 RESEARCH DRIVE - LIVERMORE, CA. 94550
PHONE 925 371-5900 - FAX 925 371-5915



GEOCON Proj. No. E8100-06-43

Sierra, Nevada, & Placer
Counties, California

Task Order No. 03-2C7901-FX

July 2002

Figure 2

TABLE 1
SUMMARY OF ANALYTICAL LABORATORY TEST RESULTS - PAINT
SALT AND SAND STORAGE FACILITIES

Site	Sample ID	Paint Description/Condition	Approximate Quantity (square feet)	Site Photo	Total and Soluble Lead		
					Total Lead (mg/kg)	WET Lead (mg/l)	TCLP Lead (mg/l)
Truckee	T-LCP-1	Beige exterior paint (walls/roof) - 5% peeling (salt bin)	12,000	2	61	<0.025	---
	T-LCP-2	Tan paint (framework) - 10% peeling (salt bin)	6,000	2	1,600	---	<0.10
	T-LCP-3	White interior paint (walls/ceiling) - 5% peeling (salt bin)	10,000	3	34	---	---
Tahoe City	TC-LCP-1	Brown exterior paint (walls) - 2% peeling (sand storage)	4,000	5	360	4.1	---
	TC-LCP-2	Beige paint (framework) - 10% peeling (sand storage)	6,000	6	9,800	---	50
	TC-LCP-3	White interior paint (walls/ceiling) - 10% peeling (sand storage)	8,000	6	23,000	---	54
	TC-LCP-4	Brown exterior paint (walls) - INTACT (salt storage)	2,000	7	<50	---	---

Notes:

mg/kg = milligrams per kilogram

WET = Waste Extraction Test (EPA 7420)

mg/l = milligrams per liter

TCLP = Toxicity Characteristic Leaching Procedure (EPA 1311)

--- = Not analyzed

< = Not detected above the laboratory reporting limit

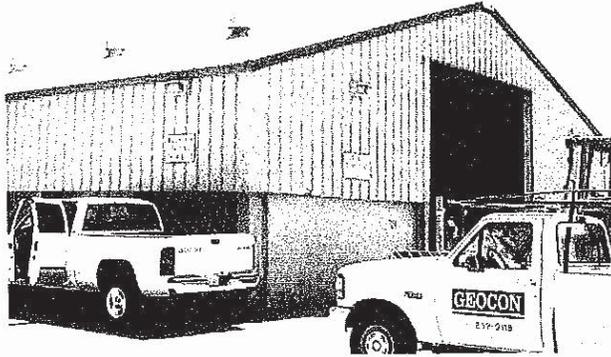


Photo 1 – Truckee salt and sand storage facility

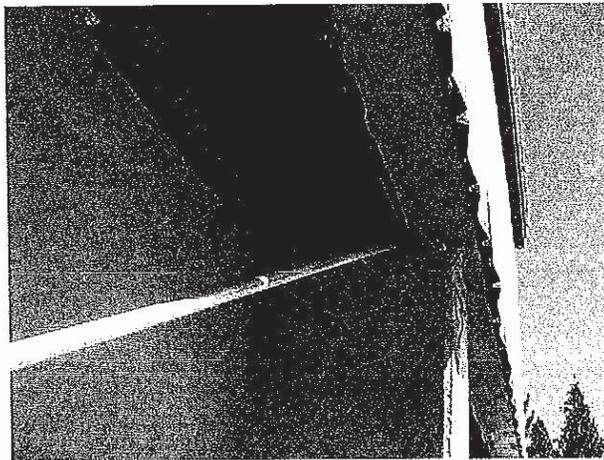


Photo 2 – Truckee site – peeling exterior paints (salt storage section)

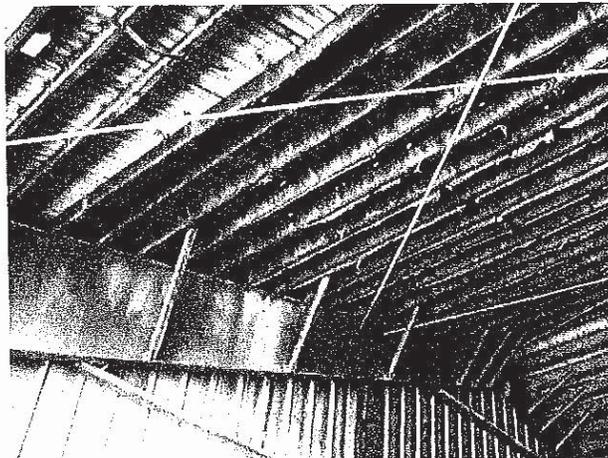


Photo 3 – Truckee site – peeling interior paints (salt storage section)

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SITE PHOTOS 1, 2, & 3
Salt and Sand Storage Facilities
Truckee and Tahoe City, California

E8100-06-43

Task Order No. 03-2C7901-FX

August 2002



Photo 4 – Tahoe City sand storage facility

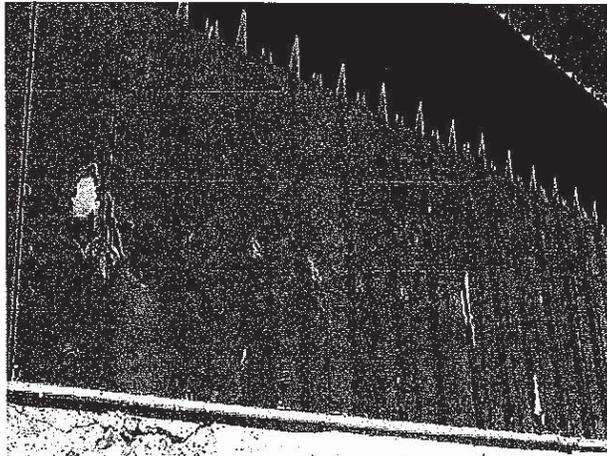


Photo 5 – Tahoe City site – peeling exterior paints (sand storage)

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SITE PHOTOS 4 & 5		
Salt and Sand Storage Facilities Truckee and Tahoe City, California		
E8100-06-43	Task Order No. 03-2C7901-FX	August 2002

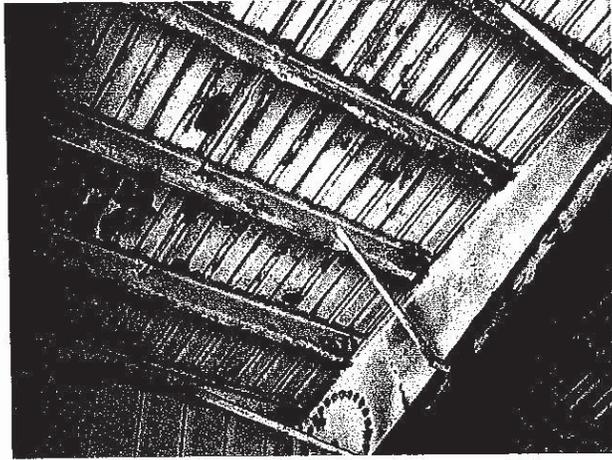


Photo 6 – Tahoe City site – peeling interior paints (sand storage)

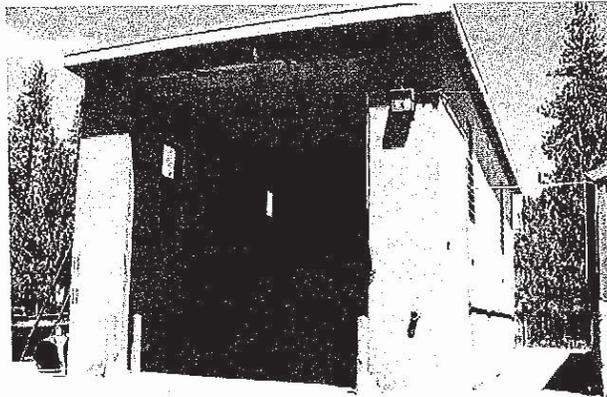


Photo 7 – Tahoe City salt storage facility

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SITE PHOTOS 6 & 7		
Salt and Sand Storage Facilities Truckee and Tahoe City, California		
E8100-06-43	Task Order No. 03-2C7901-FX	August 2002

CRL Environmental Laboratories

Date: 30-Jul-02

CLIENT: Geocon Consultants, Inc
Project: Salt & Sand

Lab Order: S10751

~~Lab ID: S10751-000~~

~~Collection Date: 7/16/2002~~

~~Client Sample ID: S-LCP-3~~

~~Matrix: PAINT CHIPS~~

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
----------	--------	-------	------	-------	----	---------------

LEAD BY ICP

(EPA 3050A)

EPA 6010B

RunID: ICP_020726A QC Batch: 660 Analyst: BA

Lead	100	50		mg/Kg	1	7/26/2002
------	-----	----	--	-------	---	-----------

Lab ID: S10751-010

Collection Date: 7/16/2002

Client Sample ID: T-LCP-1

Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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LEAD BY ICP

(EPA 3050A)

EPA 6010B

RunID: ICP_020726A QC Batch: 660 Analyst: BA

Lead	61	5.0		mg/Kg	1	7/26/2002
------	----	-----	--	-------	---	-----------

Lab ID: S10751-011

Collection Date: 7/16/2002

Client Sample ID: T-LCP-2

Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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LEAD BY ICP

(EPA 3050A)

EPA 6010B

RunID: ICP_020726A QC Batch: 660 Analyst: BA

Lead	1600	33		mg/Kg	1	7/26/2002
------	------	----	--	-------	---	-----------

Lab ID: S10751-012

Collection Date: 7/16/2002

Client Sample ID: T-LCP-3

Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
----------	--------	-------	------	-------	----	---------------

LEAD BY ICP

(EPA 3050A)

EPA 6010B

RunID: ICP_020726A QC Batch: 660 Analyst: BA

Lead	34	20		mg/Kg	1	7/26/2002
------	----	----	--	-------	---	-----------

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level



CRL Environmental Laboratories

Date: 30-Jul-02

CLIENT: Geocon Consultants, Inc
Project: Salt & Sand

Lab Order: S10751

Lab ID: S10751-013
Client Sample ID: TC-LCP-1

Collection Date: 7/16/2002
Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
----------	--------	-------	------	-------	----	---------------

LEAD BY ICP

(EPA 3050A) EPA 6010B

RunID: ICP_020726A	QC Batch: 660					Analyst: BA
Lead	360	25		mg/Kg	1	7/26/2002

Lab ID: S10751-014
Client Sample ID: TC-LCP-2

Collection Date: 7/16/2002
Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
----------	--------	-------	------	-------	----	---------------

LEAD BY ICP

(EPA 3050A) EPA 6010B

RunID: ICP_020726A	QC Batch: 660					Analyst: BA
Lead	9800	33		mg/Kg	1	7/26/2002

Lab ID: S10751-015
Client Sample ID: TC-LCP-3

Collection Date: 7/16/2002
Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
----------	--------	-------	------	-------	----	---------------

LEAD BY ICP

(EPA 3050A) EPA 6010B

RunID: ICP_020726A	QC Batch: 660					Analyst: BA
Lead	23000	500		mg/Kg	20	7/26/2002

Lab ID: S10751-016
Client Sample ID: TC-LCP-4

Collection Date: 7/16/2002
Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
----------	--------	-------	------	-------	----	---------------

LEAD BY ICP

(EPA 3050A) EPA 6010B

RunID: ICP_020726A	QC Batch: 660					Analyst: BA
Lead	ND	50		mg/Kg	1	7/26/2002

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range





Date: 30-Jul-02

ANALYTICAL QC SUMMARY REPORT

CLIENT: Geocon Consultants, Inc
Work Order: S10751
Project: Salt & Sand

TestCode: 6010_SPB

Sample ID: MB-660A	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726A						
Client ID: ZZZZZ	Batch ID: 660	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19503						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	1.095	5.0									J

Sample ID: MB-660B	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726A						
Client ID: ZZZZZ	Batch ID: 660	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19504						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	ND	5.0									J

Sample ID: MB-661	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726B						
Client ID: ZZZZZ	Batch ID: 661	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19531						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	0.096	5.0									J

Sample ID: LCS-660	SampType: LCS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726A						
Client ID: ZZZZZ	Batch ID: 660	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19502						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	49.06	5.0	50	0	98.1	80	120	0	0	0	

Sample ID: LCS-661	SampType: LCS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726B						
Client ID: ZZZZZ	Batch ID: 661	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19530						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	46.43	5.0	50	0	92.9	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits
 S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate dilute out
 H - Sample exceeded holding time
 Calculations are based on raw values



CLIENT: Geocon Consultants, Inc
Work Order: S10751
Project: Salt & Sand

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID: S10751-010AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726A						
Client ID: T-LCP-1	Batch ID: 660	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19515						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	697.4	5.0	833	61.37	76.4	47	128	0	0	0	

Sample ID: S10751-020AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726A						
Client ID: K-LCP-4	Batch ID: 660	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19527						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	672.1	5.0	833	8.9	79.6	47	128	0	0	0	

Sample ID: S10751-028AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726B						
Client ID: GR-LCP-1	Batch ID: 661	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19540						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1147	5.0	1250	14.65	90.6	47	128	0	0	0	

Sample ID: S10751-010ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726A						
Client ID: T-LCP-1	Batch ID: 660	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19514						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	37.45	5.0	0	0	0	0	0	61.37	48.4	30	R

Sample ID: S10751-020ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726A						
Client ID: K-LCP-4	Batch ID: 660	TestNo: EPA 6010B	(EPA 3050A)	Analysis Date: 7/26/2002	SeqNo: 19526						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.5	5.0	0	0	0	0	0	8.9	6.52	30	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits
 S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values
 DO - Surrogate dilute out
 H - Sample exceeded holding time



CLIENT: Geocon Consultants, Inc
 Work Order: S10751
 Project: Salt & Sand

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID: S10751-028ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 7/24/2002	Run ID: ICP_020726B		
Client ID: GR-LCP-1	Batch ID: 661	TestNo: EPA 6010B (EPA 3050A)	%REC	Analysis Date: 7/26/2002	SeqNo: 19539		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD	RPDLimit	Qual
Lead	18.05	5.0	0	0	14.65	20.8	30

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits
 S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 Calculations are based on raw values
 DO - Surrogate dilute out
 H - Sample exceeded holding time

CRL Environmental Laboratories

Date: 07-Aug-02

CLIENT: Geocon Consultants, Inc
Project: Salt & Sand

Lab Order: S10751

~~Lab ID: S10751-002 Collection Date: 7/16/2002~~

~~Client Sample ID: NC-LCP-2 Matrix: PAINT CHIPS~~

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY TCLP

(EPA 3010A)

EPA 1311/ 6010B

RunID: ICP_020802A QC Batch: 674 Analyst: BA

~~Lead 0.10 0.10 mg/L 1 8/2/2002~~

Lab ID: S10751-010 **Collection Date:** 7/16/2002

Client Sample ID: T-LCP-1 **Matrix:** PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

(WET)

WET/ EPA 6010B

RunID: ICP_020805A QC Batch: 675 Analyst: BA

Lead ND 0.025 mg/L 5 8/5/2002

Lab ID: S10751-011 **Collection Date:** 7/16/2002

Client Sample ID: T-LCP-2 **Matrix:** PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY TCLP

(EPA 3010A)

EPA 1311/ 6010B

RunID: ICP_020802A QC Batch: 674 Analyst: BA

Lead ND 0.10 mg/L 1 8/2/2002

Lab ID: S10751-013 **Collection Date:** 7/16/2002

Client Sample ID: TC-LCP-1 **Matrix:** PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

(WET)

WET/ EPA 6010B

RunID: ICP_020805A QC Batch: 675 Analyst: BA

Lead 4.1 0.025 mg/L 5 8/5/2002

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

BA



CRL Environmental Laboratories

Date: 07-Aug-02

CLIENT: Geocon Consultants, Inc
Project: Salt & Sand

Lab Order: S10751

Lab ID: S10751-014
Client Sample ID: TC-LCP-2

Collection Date: 7/16/2002
Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY TCLP

(EPA 3010A) EPA 1311/ 6010B

RunID: ICP_020802A QC Batch: 674 Analyst: BA
 Lead 50 1.0 mg/L 10 8/2/2002

Lab ID: S10751-015
Client Sample ID: TC-LCP-3

Collection Date: 7/16/2002
Matrix: PAINT CHIPS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY TCLP

(EPA 3010A) EPA 1311/ 6010B

RunID: ICP_020802A QC Batch: 674 Analyst: BA
 Lead 54 1.0 mg/L 10 8/2/2002

~~Lab ID: S10751-017 Collection Date: 7/16/2002~~

~~Client Sample ID: K-LCP-1 Matrix: PAINT CHIPS~~

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

(WET) WET/ EPA 6010B

RunID: ICP_020805A QC Batch: 675 Analyst: BA
~~Lead 0.54 0.025 mg/L 5 8/5/2002~~

~~Lab ID: S10751-019 Collection Date: 7/16/2002~~

~~Client Sample ID: K-LCP-3 Matrix: PAINT CHIPS~~

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

(WET) WET/ EPA 6010B

RunID: ICP_020805A QC Batch: 675 Analyst: BA
~~Lead ND 0.025 mg/L 5 8/5/2002~~

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

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CRL Environmental Laboratories

CLIENT: Geocon Consultants, Inc
Work Order: S10751
Project: Salt & Sand

Date: 07-Aug-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID: MB-675	SampType: MBLK	TestCode: 6010_ST	Units: mg/L	Prep Date: 7/31/2002	Run ID: ICP_020805A						
Client ID: ZZZZZ	Batch ID: 675	TestNo: WET/EPA 60 (WET)		Analysis Date: 8/5/2002	SeqNo: 19726						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.025	1	0	104	80	120	0	0	0	

Sample ID: LCS-675	SampType: LCS	TestCode: 6010_ST	Units: mg/L	Prep Date: 7/31/2002	Run ID: ICP_020805A						
Client ID: ZZZZZ	Batch ID: 675	TestNo: WET/EPA 60 (WET)		Analysis Date: 8/5/2002	SeqNo: 19725						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.044	0.025	1	0	104	80	120	0	0	0	

Sample ID: S10751-025AMS	SampType: MS	TestCode: 6010_ST	Units: mg/L	Prep Date: 7/31/2002	Run ID: ICP_020805A						
Client ID: W-LCP-1	Batch ID: 675	TestNo: WET/EPA 60 (WET)		Analysis Date: 8/5/2002	SeqNo: 19733						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.685	0.025	2.5	0	67.4	66	118	0	0	0	

Sample ID: S10751-025ADUP	SampType: DUP	TestCode: 6010_ST	Units: mg/L	Prep Date: 7/31/2002	Run ID: ICP_020805A						
Client ID: W-LCP-1	Batch ID: 675	TestNo: WET/EPA 60 (WET)		Analysis Date: 8/5/2002	SeqNo: 19732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.025	0	0	0	0	0	0	0	0	30

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits
 S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate dilute out
 H - Sample exceeded holding time
 Calculations are based on raw values



CLIENT: Geocon Consultants, Inc
Work Order: S10751
Project: Salt & Sand

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID: MB-674	SampType: MBLK	TestCode: 6010_TC	Units: mg/L	Prep Date: 8/1/2002	Run ID: ICP_020802A						
Client ID: ZZZZ	Batch ID: 674	TestNo: EPA 1311/60 (EPA 3010A)		Analysis Date: 8/2/2002	SeqNo: 19750						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	ND	0.10									

Sample ID: LCS-674	SampType: LCS	TestCode: 6010_TC	Units: mg/L	Prep Date: 8/1/2002	Run ID: ICP_020802A						
Client ID: ZZZZ	Batch ID: 674	TestNo: EPA 1311/60 (EPA 3010A)		Analysis Date: 8/2/2002	SeqNo: 19749						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.8451	0.10	1	0	84.5	80	120	0	0	0	

Sample ID: S10751-015AMS	SampType: MS	TestCode: 6010_TC	Units: mg/L	Prep Date: 8/1/2002	Run ID: ICP_020802A						
Client ID: TC-LCP-3	Batch ID: 674	TestNo: EPA 1311/60 (EPA 3010A)		Analysis Date: 8/2/2002	SeqNo: 19755						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	55.12	1.0	2.5	54.28	33.7	66	118	0	0	0	S

Sample ID: S10751-015ADUP	SampType: DUP	TestCode: 6010_TC	Units: mg/L	Prep Date: 8/1/2002	Run ID: ICP_020802A						
Client ID: TC-LCP-3	Batch ID: 674	TestNo: EPA 1311/60 (EPA 3010A)		Analysis Date: 8/2/2002	SeqNo: 19754						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	47.9	1.0	0	0	0	0	0	54.28	12.5	30	

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 R - RPD outside accepted recovery limits
 S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 DO - Surrogate dilute out
 H - Sample exceeded holding time
 Calculations are based on raw values

2 of 2

Chain of Custody Form

Project No.: E8100-06-43 Client Name: GEDCON (CALTRANS) Analyze sample sets until positive: Yes No
 Report Results to: D. WATTS Office Location: LIVERMORE, CA Date(s) Inspected: 7/16/2002
 Consultants Ph. #: (925) 371-5900 Consultants Fax #: (925) 371-5915 Other Comments: DB (6010) - PAINT - SLO TAT
 Site Name: SALT + SAND Building No. _____ Site Address: _____

Material Code	Sample Number		Samples Collected										Not Sampled	Material Description		
	Site No.	Bldg. No.	A	B	C	D	E	F	G	H	I	J			K	
	K	LCP														BEIGE EXT PAINT
																BEIGE INT PAINT
																BEIGE EXT PAINT (SALT HOUSE EXT)
																BLUE EXT PAINT (SALT HOUSE EXT)
																BEIGE INT PAINT (SALT HOUSE INT)
																BROWN EXT PAINT
	CG															BLUE EXT PAINT (ROOF)
																ORANGE PAINT (FRAMES)
																BEIGE EXT PAINT
																BLUE INT PAINT
																BEIGE EXT PAINT (SALT HOUSE EXT)
	GR	LCP														BEIGE EXT PAINT

Relinquished by: D. WATTS Date/Time: 7/16/2002 1608 Received by: UPS Date/Time: 7/16/2002 1600
 Signature: _____ Signature: _____
 Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

- | | | | |
|---|--|---|---|
| FLOORING | WALL/Ceiling/Other | Other friable material (M) | Other friable material (S) |
| CFT - Ceramic floor tile grout/mastic (M) | ACOU - Textured acoustical (spraycof) (S) | OEM - Other friable material (M) | OEM - Other friable material (S) |
| F - Floor material- Generic (M) | BBM - Barboard mastic (M) | ONFM - Other non friable materials (M) | ONFM - Other non friable materials (S) |
| FMAS - Floor mastic (M) | CM - Ceiling (unspecified type) (M) | ONFS - Other non friable materials (S) | ONFS - Other non friable materials (S) |
| FT - Vinyl composite tile floor (M) | CS - Ceiling (unspecified type) (S) | PL - Plaster (wall or ceiling) (S) | PL - Plaster (wall or ceiling) (S) |
| FS - Vinyl composite sheet floor (M) | CP - Ceiling panel - Lay-in (M) | SIR - Sicerock (no joint compound) (M) | SIR - Sicerock (no joint compound) (M) |
| FLC - Floor leveling compound (M) | CMAS - Ceiling mastic (M) | SIRJ - Sicerock with joint compound (M) | SIRJ - Sicerock with joint compound (M) |
| TERR - Terrazzo flooring (M) | CT - Ceiling tile - Spliced or nailed (M) | STUC - Stucco (S) | STUC - Stucco (S) |
| | CTG - Ceiling tile - Glued (M) | PP - Structural fireproofing (S) | PP - Structural fireproofing (S) |
| | CWT - Ceramic wall tile grout & mastic (M) | TRAN - Transite panel (M) | TRAN - Transite panel (M) |
| | DEBM - Debris (unspecified) (M) | TX - Surface texturing on walls/ceiling (S) | TX - Surface texturing on walls/ceiling (S) |
| | DEBS - Debris (unspecified) (S) | WM - Wall (unspecified type) (M) | WM - Wall (unspecified type) (M) |
| | DEBT - Debris (unspecified) (TSI) | WS - Wall tile - Spliced or nailed (M) | WS - Wall tile - Spliced or nailed (M) |
| | DOOR - Door core insulation - Fire floor (M) | WT - Wall tile - Glued on (M) | WT - Wall tile - Glued on (M) |

12

Ronald

From: David Watts [watts@geoconinc.com]
Sent: Wednesday, July 31, 2002 8:33 AM
To: Ronald Agaba
Cc: CRL
Subject: S10751 - Soluble Analyses

Please run soluble Pb (WET) analyses on CRL sample nos. 010, 013, 017, 019, 021, & 025.

Please run soluble Pb (TCLP) analyses on CRL sample nos. 002, 011, 014, 015, 022, 023, & 024.

Please provide results in pdf. Thanks!

OK
R. Agaba