

FOR CONTRACT NO.: 02-4E5304

INFORMATION HANDOUT

PERMITS, LICENSES, AGREEMENTS, CERTIFICATIONS

PLAC CONDITION RESPONSIBILITY SUMMARY

CITY OF REDDING
ENCROACHMENT PERMIT

PERMIT NO. EP-2012-05165

MATERIALS INFORMATION

(NOT A PART OF THE CONTRACT)

LABORATORY ANALYSIS RESULTS OF TEST ON PIPE TAPE ON WELDED STEEL
PIPE AT SACRAMENTO RIVER BRIDGE, BRIDGE NUMBER 06-0014

PHOTOGRAPHS OF PIPE TAPE ON WELDED STEEL PIPE AT SACRAMENTO RIVER
BRIDGE, BRIDGE NUMBER 06-0014

ROUTE: 02-SHA-VAR-VAR

PLAC CONDITION RESPONSIBILITY SUMMARY

PLAC CONDITION RESPONSIBILITY (PCR) SUMMARY

General:

This PCR Summary clarifies various PLAC requirements. Perform all work described in the PLACs on behalf of Caltrans. If a discrepancy exists between the PCR Summary and the PLAC, the PCR Summary governs.

Definitions:

Agency: A board, agency, or other entity that issues a PLAC

Activity: A task, event or other project element

PLAC Condition: a work activity and/or submittal required by a PLAC

| Table 1 - Clarification of PLAC Requirements | | |
|----------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PLAC Name | Section of the PLAC | PLAC Requirement |
| All PLACs | Applicable PLAC sections | <p>Submittals: Submit to the Engineer when PLAC conditions require:</p> <ol style="list-style-type: none"> 1. Communications. The Engineer will contact the agencies. 2. Records to be maintained, within 5 working days after the activity. 3. Submittals 5 days before the agencies require them. The Engineer will review and submit to the agencies. |
| City of Redding Encroachment Permit Permit Number EP-2012-05165 | N/A | Apply for Encroachment Permit in Contractor's name prior to using access roads shown at Location 17. There is no permit fee. |
| | N/A | Contact City of Redding, Engineering Division, Larry Bettes, (530) 245-7127, 24-hours before starting permit work, and before any inspections required by encroachment permit |

CITY OF REDDING
ENCROACHMENT PERMIT

PERMIT NO. EP-2012-05165



CITY OF REDDING
PUBLIC WORKS DEPARTMENT

Permit No: EP-2012-05165
Issue Date: 01/16/2013
Expiration Date: 12/31/2015
Fees: \$6,050.00
Fees are due
Includes 5% Tech Surcharge

ENCROACHMENT PERMIT

Location of Encroachment: 40 Quartz Hill Rd
Redding, CA 0
Owner: City of Redding
777 Cypress Ave
Redding, CA 96001
Phone: 225-4085
Contractor: CALTRANS - R.O.W. CERT
1031 Bulte St
Redding, CA 96001
Phone: (530) 225-2788

In compliance with your request of 01/16/2013 and printed as general or special provisions on any part of this form or attached hereto, permission is hereby granted to:

PERMIT IS ISSUED TO GRANTED ACCESS TO CALTRANS AND IT'S CONTRACTORS ACCESS TO UNDERNEATH SACRAMENTO BRIDGE AS DEPICTED ON ATTACHED APPRAISAL MAP NO . 4e5302.101 FOR CONSTRUCTION PURPOSES INCLUDING SOME SMALL STAGING AREA .

ANY DAMAGES TO EXISTING ASPHALT, CONCRETE, DRAINAGE STRUCTURES, UTILITIES, OR LANDSCAPE SHALL BE REPLACED IN KIND OR BETTER.

NOTIFY ENGINEERING AT LEAST "24 HOURS" PRIOR TO STARTING WORK AND "24 HOURS" PRIOR TO ANY REQUIRED INSPECTION. ALL WORK MUST BE INSPECTED BEFORE ANY CONCRETE IS PLACED. PIPELINE OR CONDUIT SHALL NOT BE COVERED PRIOR TO INSPECTION. WORK SHALL NOT OCCUR ON SATURDAYS, SUNDAYS OR HOLIDAYS WITHOUT PRIOR APPROVAL FROM THE ENGINEERING DIVISION.

This permit is to be strictly construed. No work other than that specifically mentioned above is authorized hereby.

Permittee hereby understands and agrees that failure to complete all work described herein, on or before expiration date shown above, will give the City authority to exercise the options of (1) completing the work with City forces, or (2) engaging the lowest bidder of not less than three contractors to complete the work. In either case, the permittee will defray all costs.

Notice: You are required to give 48 hours notice to any property owner whose property you will cross or block during the course of construction. Failure to make proper notification will result in citation.

Notify Underground Service Alert (www.usanorth.org 1-800-227-2600) at least 48 hours in advance of construction activities that can affect any underground utilities. Note that private utilities or other utilities not within the sphere of a USA inspection will not be marked. You will be liable for any damages to such private facilities caused during construction and, by taking out this permit, you agree to indemnify the City of Redding against any claims resulting from such damage. The City encourages you to take all reasonable steps to identify such facilities prior to commencement of work authorized by this permit.

APPLICANT

Approved: Director of Public Works

BY:

PROVISIONS ON PAGE 2

I. GENERAL PROVISIONS - ALL WORK

1. This permit shall, in all respects, be subject to and governed by the provisions of Chapter 5.5, Division 2, of the Streets and Highways Code of the State of California, except where expressly superceded by more stringent City Ordinances of provisions contained herein.
2. All work performed under this Permit to be in accordance with approved plans, specifications and/or drawings attached hereto, and in strict conformance with current City Encroachment Ordinance.
3. Permittee shall, at its expense, relocate subject encroachment when necessary because of street or highway improvements in accordance with Section 1463 of the Streets and Highways Code of the State of California.
4. Permittee agrees to perform the work authorized under this permit as outlined by the Transportation and Engineering Department and remove all excess material from the site upon completion.
5. Permittee agrees to notify the City of completion of all work authorized under this permit, and shall obtain final approval and acceptance of work from the Transportation and Engineering Department.
6. Permittee agrees to place all necessary barricades, and/or other devices to properly protect pedestrian and vehicular traffic at all times. Traffic to be permitted to pass at all times unless otherwise specified.
7. Permittee shall hold the City of Redding and its officers and employees harmless and shall indemnify them against any loss or liability resulting from any work performed under this permit.

II. STANDARD CONSTRUCTION REQUIREMENTS - conditions below apply to this permit:

MATERIALS INFORMATION

(NOT A PART OF THE CONTRACT)

LABORATORY ANALYSIS RESULTS OF TEST ON PIPE TAPE ON WELDED STEEL
PIPE AT SACRAMENTO RIVER BRIDGE, BRIDGE NUMBER 06-0014



2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

PACE Engineering
1730 South Street
Redding, CA 96001

Re: QuantEM ID 209536

QuantEM appreciates the opportunity to provide analytical testing services to you. Attached are your reports and other supporting documentation for the above referenced project.

Thank you for making QuantEM your lab of choice. If you have any question concerning this or other reports please feel free to contact us at 800-822-1650.

We continually work to improve our service. Help us out by providing feed back on your experience at www.QuanTEM.com. Click on Service Survey and fill out the form. We look forward to hearing from you.

Respectfully,
QuantEM Laboratories, LLC.





2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

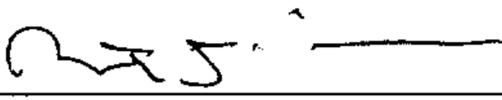
Environmental Chemistry Analysis Report

| | |
|--------------------------------------|---------------------------------|
| QuanTEM Set ID: 209536 | Client: PACE Engineering |
| Date Received: 06/26/12 | 1730 South Street |
| Received By: Sherrie Leftwich | Redding, CA 96001 |
| Date Sampled: | |
| Time Sampled: | Acct. No.: A050 |
| Analyst: | Project: PCB for 208236 |
| Date of Report: 6/28/2012 | Location: N/A |
| | Project No.: N/A |

AIHA ID: 101352

| QuanTEM ID | Client ID | Matrix | Parameter | Results | Reporting Limits | Units | Date/Time Analyzed | Method |
|------------|-----------|--------|-----------|---------|------------------|-------|--------------------|--------------|
| 001 | Pipe Tape | | Total PCB | <0.04 | 0.04 | mg/kg | 06/27/12 12:58 | EPA 8082-608 |

Analysis performed by ODEQ Laboratory No.7211 with Detection Limits = to their PQL

Authorized Signature: 
 Benton Miller, Analyst

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

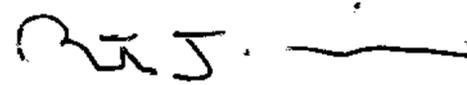
Environmental Chemistry Supplemental QC Report

QuanTEM Set ID: 209536
Date Received: 06/26/2012
Received By: S. Leftwich

Date of Report: 06/29/2012
AIHA Lab ID: 101352

| <u>Analyst</u> | <u>Analysis</u> | <u>Method</u> | <u>Date Completed</u> | <u>Time Completed</u> |
|----------------|-----------------|---------------|-----------------------|-----------------------|
| CDH | Total PCB | EPA 8082A | 06/27/2012 | 12:58 PM |

| <u>Analysis</u> | <u>Blank</u> (mg/l) | <u>Duplicate</u> (%) | <u>LCS</u> <u>Recovery</u> (%) | <u>Matrix</u> <u>Spike</u> (%) | <u>Matrix Spike</u> <u>Duplicate</u> (%) |
|-----------------|------------------------|-------------------------|--------------------------------------|--------------------------------------|------------------------------------------------|
| Total PCB | <0.4 | - | 99 | - | - |



Benton Miller, Technical Manager



www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Lab No. 209236
 Accept Reject

Company: **PACE Engineering**

Contact: **Tom Warnock**

Account#: **[Redacted]**

Phone: **(530) 244-0202**

Cell Phone: **(530) 355-9612**

E-mail: **dean@ger**

Project Name: **Warnock**

Project Location: **Pace Engineering, US**

Project ID:

QuanTEM Website

Other

Name: _____ Date: _____

Thomas W. Warnock

6/15/12 / 12 PM FedEx

J. Mull

6/19/12 10:00

| | | | | |
|----------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------|
| <input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116) | <input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004) | <input type="checkbox"/> Air- AHERA | <input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116 | <input type="checkbox"/> Rush |
| <input type="checkbox"/> 400 Point Count | <input type="checkbox"/> Other | <input type="checkbox"/> Air- NIOSH 7402 | <input type="checkbox"/> Bulk- Quantitative (weight%) - Chatfield | <input type="checkbox"/> Same Day |
| <input type="checkbox"/> 1000 Point Count | | <input type="checkbox"/> Air- ISO 10312 | <input type="checkbox"/> Dust- Presence / Absence | <input checked="" type="checkbox"/> 24 - Hour |
| <input type="checkbox"/> Gravimetric Preparation | | <input type="checkbox"/> Drinking Water- EPA 100.2 | <input type="checkbox"/> Dust- Quantitative (fibers/sq.cm) - ASTM D5755 | <input type="checkbox"/> 3 - Day |
| <input type="checkbox"/> Particle ID | <input type="checkbox"/> NIOSH 7400 | <input type="checkbox"/> Waste Water- EPA 600/4-83-043 | <input type="checkbox"/> Other | <input checked="" type="checkbox"/> 5 - Day |

| | | | | | |
|----|-----------|-------------------------------------|-------|----------------------------------------------|--|
| 1 | Pipe Tape | <input checked="" type="checkbox"/> | Black | Glass fibers tape wrap | |
| 2 | | <input type="checkbox"/> | | Tape wrap is impregnated w/ coal tar enamel. | |
| 3 | | <input type="checkbox"/> | | | |
| 4 | | <input type="checkbox"/> | | | |
| 5 | | <input type="checkbox"/> | | | |
| 6 | | <input type="checkbox"/> | | | |
| 7 | | <input type="checkbox"/> | | | |
| 8 | | <input type="checkbox"/> | | | |
| 9 | | <input type="checkbox"/> | | | |
| 10 | | <input type="checkbox"/> | | | |



2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

PACE Engineering
1730 South Street
Redding, CA 96001

Re: Quantem ID 209236

Quantem appreciates the opportunity to provide analytical testing services to you. Attached are your reports and other supporting documentation for the above referenced project.

Thank you for making Quantem your lab of choice. If you have any question concerning this or other reports please feel free to contact us at 800-822-1650.

We continually work to improve our service. Help us out by providing feed back on your experience at www.QuanTEM.com. Click on Service Survey and fill out the form. We look forward to hearing from you.

Respectfully,
Quantem Laboratories, LLC.



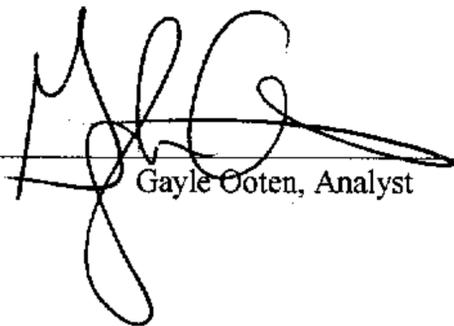


2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

| | |
|-------------------------------|--------------------------|
| Quantem Lab No. 209236 | Client: PACE Engineering |
| Account Number: A050 | 1730 South Street |
| Date Received: 06/19/2012 | Redding, CA 96001 |
| Received By: Joanna Mueller | |
| Date Analyzed: 06/20/2012 | Project: N/A |
| Analyzed By: Gayle Ooten | Project Location: N/A |
| Methodology: EPA/600/R-93/116 | Project Number: N/A |

| Quantem Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|-----------------------|-----------------------------------|------------------------|-------------|
| 001 | Pipe Tape | Layered | Black/Gray Insulation | Asbestos Present Chrysotile 55 | Cellulose 15 | Tar Binder |
| 001a | | Layered | Black Tar | Asbestos Not Present | NA | Tar |



Gayle Ooten, Analyst

6/20/2012
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited TEM and PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any other agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Lab No. 209236
 Accept Reject

Quantem-Website
 Other _____

Project Name: twarnock@paceengineering.us
 Project Location: paceengineering.us
 Project ID: _____

Company: **PACE Engineering** Phone: **(530) 244-0202**
 Contact: **Tom Warnock** Cell Phone: **(530) 355-9612**
 Account #: **1000** E-mail: **dean@gp**

| RELINQUISHED BY | DATE & TIME | RECEIVED BY | DATE & TIME |
|--------------------------|------------------------|----------------|----------------------|
| <u>THOMAS W. WARNOCK</u> | <u>6-15-12 / 12 PM</u> | <u>J. MULL</u> | <u>6/19/12 10:00</u> |

REQUESTED SERVICES (Check All Appropriate Boxes)

| PLM | PLM | PLM | PLM | TURNAROUND TIME |
|----------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------|
| <input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116) | <input type="checkbox"/> Air- AHERA | <input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116 | <input type="checkbox"/> Bulk- Presence / Absence | <input type="checkbox"/> Rush |
| <input type="checkbox"/> 400 Point Count | <input type="checkbox"/> Air- NIOSH 7402 | <input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield | <input type="checkbox"/> Dust- Presence / Absence | <input type="checkbox"/> Same Day |
| <input type="checkbox"/> 1000 Point Count | <input type="checkbox"/> Air- ISO 10312 | <input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755 | <input type="checkbox"/> Drinking Water- EPA 100.2 | <input checked="" type="checkbox"/> 24 - Hour |
| <input type="checkbox"/> Gravimetric Preparation | <input type="checkbox"/> Waste Water- EPA 600/4-83-043 | <input type="checkbox"/> Other | | <input type="checkbox"/> 3 - Day |
| <input type="checkbox"/> Particle ID | <input type="checkbox"/> NIOSH 7400 | | | <input checked="" type="checkbox"/> 5 - Day |

| No. | Sample ID (in Chain of Custody) | Description | Volume/Area (as applicable) | Comments / Notes |
|-----|---------------------------------|--------------|-----------------------------|-----------------------------------------------------|
| 1 | <u>Pipe Tape</u> | <u>Black</u> | | <u>Glass Fiber tape wrap</u> |
| 2 | | | | <u>Tape wrap is impregnated w/ coal tar enamel.</u> |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |

MATERIALS INFORMATION

(NOT A PART OF THE CONTRACT)

PHOTOGRAPHS OF PIPE TAPE ON WELDED STEEL PIPE AT SACRAMENTO RIVER
BRIDGE, BRIDGE NUMBER 06-0014







05/22/2012 08:55 AM



