

EL DORADO
COUNTY



Environmental
Management
Department

Gerri Silva
M.S., REHS
Director

*Environmental
Health*

*Solid Waste &
Hazardous Materials*

Vector Control

*Air Quality
Management
District*

River Management

Park Operations



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Technical Memorandum

To: Dave Friestad, El Dorado County DOT

Project: DOT W.O. 72369

From: Robert Lauritzen, Geologist, El Dorado County EMD

Subject: **Hollow Oak at Bass Lake Road Box Culvert Replacement**
El Dorado Hills, California
NOA Testing Results

On August 9, 2011 four four-part composite soil samples were collected from the approximate locations shown on the attached sheet (NOA-EXH). These samples were delivered under chain of custody to El Dorado County EMD's contract lab, California Laboratory Services, Inc. and subcontracted to EMSL Analytical, Inc. for asbestos analysis by California Air Resources Board Test Method 435 at a sensitivity of 0.25%. Laboratory results indicated asbestos was none detected for all four samples analyzed.

If you have any questions or comments please call me at x5130.

Attachments: Laboratory analytical results (EMSL)
Sheet NOA-EXH – NOA sampling locations, Hollow Oak @ Bass Lake



EMSL Analytical, Inc

2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577

Phone: (510) 895-3675 Fax: (510) 895-3680 Email: sanleandrolab@emsl.com

Attn: **Mark Smith**
California Laboratory Services
3249 Fitzgerald Road

Rancho Cordova, CA 95742

Fax: (916) 638-4510 Phone: (916) 638-7301
Project: CUH0393

Customer ID: CALI52
Customer PO: CUH0393
Received: 08/10/11 12:25 PM
EMSL Order: 091108944

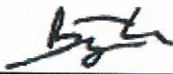
EMSL Proj:
Analysis Date: 8/23/2011

**Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116
Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
S-1 091108944-0001		Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
S-2 091108944-0002		Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
S-3 091108944-0003		Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
S-4 091108944-0004		Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

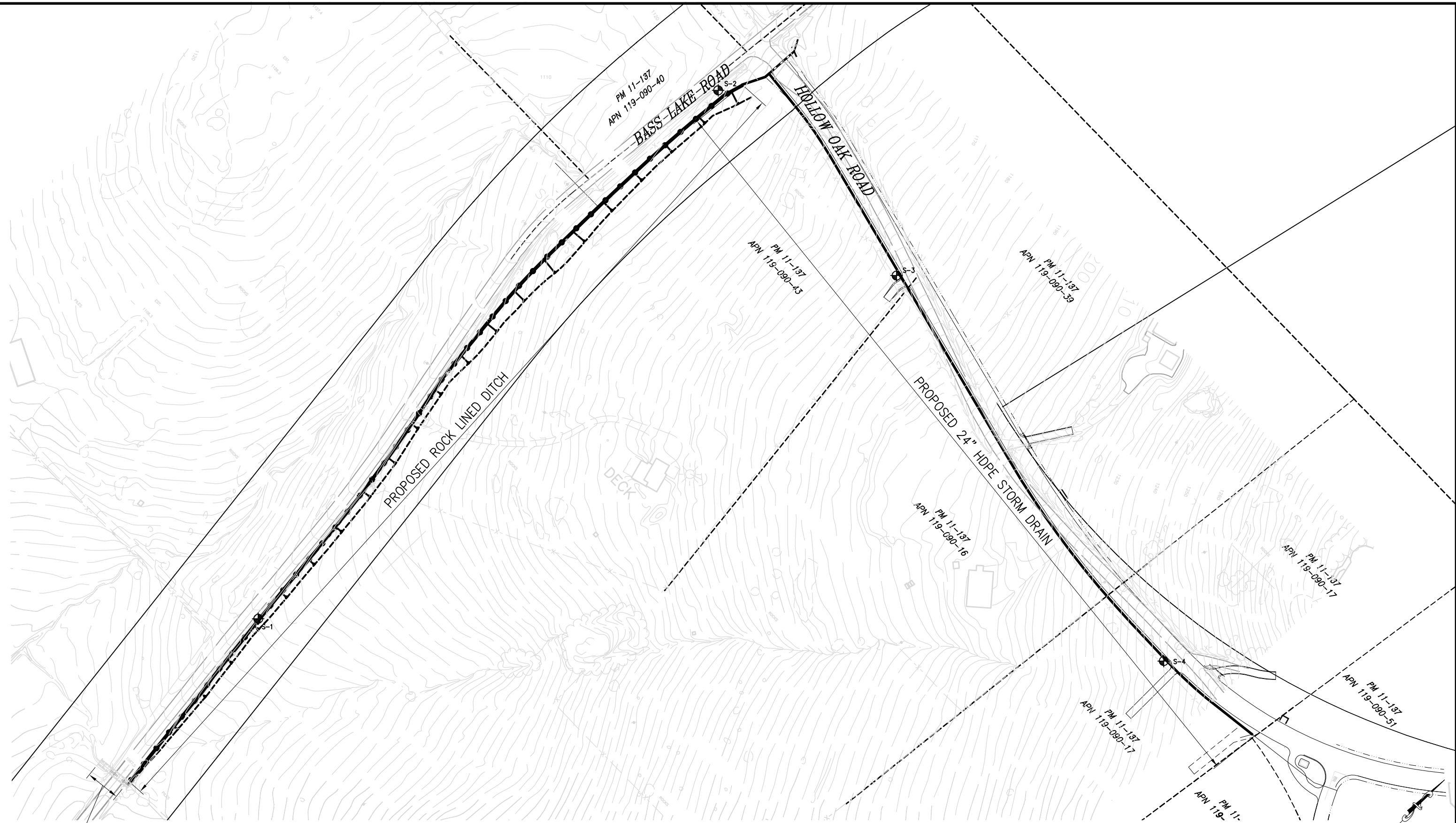
Initial report from 08/23/2011 15:50:19

Analyst(s)
Rui Cindy Geng (4)


Baojia Ke, Laboratory Manager
or other approved signatory

This report relates only to the samples listed above and may not be reproduced except in full, without EMSL's written approval. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for sample collection activities or method limitations. Some samples may contain asbestos fibers below the resolution limit of PLM. EMSL recommends that samples reported as none detected or less than the limit of detection undergo additional analysis via TEM. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc San Leandro, CA

C:\Civil 3D Projects\72369 Hollow Oak Road Drainage Improvement\CADD Files\Exhibits\NOA-Exhibit.dwg, 8/9/2011 3:34:30 PM, Bluebeam PDF .pc3
 ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72369 Hollow Oak Road Drainage Improvement\CADD Files\Exhibits\NOA-Exhibit.dwg
 Layout Tab: NOA-Exhibit - Aug 09, 2011 - 3:34pm DFriedstod
 FOR REDUCED PLANS
 REVISION
 NUMBER DATE DESCRIPTION BY



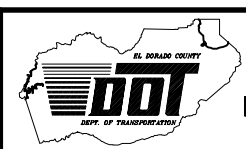
PROPOSED BOX CULVERT
LEGEND
 S-1 NOA SAMPLE LOCATION

STORM DRAIN, DITCH & BOX CULVERT PLAN
 SCALE: 1"=150'

NOA EXHIBIT
 SCALE : 1" = 150'

PREPARED UNDER THE SUPERVISION OF :
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: DRF
 CHECKED: PH
 ROAD NUMBER: 4
 DRAWN: DRF
 DATE: 8/8/2011



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

HOLLOW OAK AT BASS LAKE ROAD
BOX CULVERT REPLACEMENT

SHEET
NOA-EXH
 1 OF 1
 W.O. No. **72369**