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To: Carlos Montez, Senior Environmental Planner
DEPARTMENT OF TRANSPORTATION
District 7, Division of Environmental Planning

Date: December 16, 2008

File: 07-VEN-118
PM 10.9/11.0
Modify Intersection

EA: 07-105961

Attn: Cesar Moreno

From: **DEPARTMENT OF TRANSPORTATION, District 7**
Office of Environmental Engineering & Corridor Studies
Hazardous Waste Branch, North Region

Subject: Preliminary Hazardous Waste Assessment

This Preliminary assessment is in response to your 08/27/08 memorandum regarding "Request for Technical Studies". Along with your memorandum, we received a copy of the following documents:

1. Report of Site Investigation, Routes 34/118, TO 07-10596K-01, by APEX, dated June 24, 1994,
2. Table 2.0 Summary of Alternatives Considered, 11"x17", December 1997,
3. Figures 2.2, 2.4, 2.5, 2.7, and 2.9, undated except Figure 2.7 is dated 1996,
4. Hazardous Waste Investigation by this Branch, dated 08/14/1998,
5. Hazardous Waste Clearance by this Branch, dated 07/19/1999, and
6. Hazardous Waste Investigation by this Branch, dated 11/03/1999.

We notice that the APEX report (document 1) was mainly focused on the Somis General Store site that is under remediation as addressed later in this memorandum.

During a meeting with the Project Planner, our Project Engineer asked for a set of the present selected Alternative(s) plans with the existing and proposed Rights of Way (RoW) for our study because the transmitted Figures (Item 3) contain fuzzy plans at unknown scales without RoW. The Project Planner mentioned that he would forward them as soon as he receives them from the Design team. He also okayed delaying our assessment.

Since we have not received the selected Alternative(s) plans, we submit this preliminary assessment to provide you with the anticipated work when the plans would be available.

The transmitted memoranda and report are more than nine years old and their supporting data may have changed. Therefore, we visited the subject area and conducted a database search.

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Presently, several nurseries occupy all three corners of Route 118/34 T-intersection. In addition, Route 118 bridges over Coyote Canyon Creek at just east of Route 34 and west of Donlon Road. This Creek is apparently about 30 feet deep with dense shrubs and trees all along, on both sides of Route 118. In addition, a natural cut hillside exists to the east of Donlon Rd and on the north side of Route 118. The old Somis General Supply Store, at the southwest corner, and the gas stations do not exist.

Since the First Search® requires a physical address, the address of a residential property (5470 Los Angeles Ave) close to the intersection was provided. The findings of the data search for the almost 1.0 mile radius around the T-intersection, are summarized as follows:

NO.	SITE	ADDRESS	DISTANCE (mi)/ DIRECTION	STATUS	ACTION NEEDED
1	Helen Lamonte	3766 Somis Rd	0.13 SW	Completed/Case Closed	No
2	Underwood, Ranches	5696 Los Angeles Av	0.15 SE	SGN (Small quantity generator)	YES
3	Somis Supply	5395 Los Angeles Av	0.16 SW	Open - Remediation	YES
4	Irv Burnham Construction, Inc.	5568 E. Los Angeles Av	0.18 SE	Active	YES
5	Somis School	5268 North St	0.39 SW	Completed/Case Closed	No
6	V-Fire Station 57	3336 Somis Rd	0.50 SW	Completed/Case Closed	No

Contaminated Sites: The record search identified only the above six (6) properties for hazardous waste/materials based on the state of California Departments' information. The last two properties may not be affect the project due to their distances. The contaminants generally include petroleum hydrocarbons, volatile organics, and heavy metals. Three of them (Sites 2, 3, & 4) remain to be totally remediated. At least 4 LUST (Leaking Underground Storage Tank) sites (Sites 1, 3, 5, & 6) were identified. The most contaminated site is the old Somis General Supply site, which was at the southwest corner property. From GEOTRACKER, a State of California website, we understand that several monitoring wells are installed in this property to monitor progress of the remediation. If any of these properties will be acquired, hazardous waste testing is required to determine the extent and concentration of the contaminations. During the next part of our investigation, we might conduct soils and groundwater sampling and testing to evaluate the effects of contaminations on our RoW.

Aerially Deposited Lead (ADL): In the past century, ADL may have deposited along the roadsides due to the exhaust plume of the leaded gasoline consuming vehicles prior to 1975 era. The ADL concentration in the soils depends on many factors including traffic volume before 1975, type of vehicles, climatic parameters (mostly amount of rainfalls and winds), and type of soils. Table 3 of

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APEX report (document 1) lists only one (1) of 40 samples exceeded WET STLC limit of 5 ppm by 0.1 ppm. Therefore, we anticipate ADL may be present along the roadsides at the non-hazardous level. We predict that the high volume of rainfalls in the area might have reduced the ADL concentration in the soils. Therefore, we have no concerns about ADL.

Pesticides and Herbicides: Most of the adjacent lands, which have been used for agricultural purposes, might contain pesticides and herbicides. Again, depending on the RoW proposed for acquisition, we would conduct sampling and testing regarding concentration of pesticides and herbicides.

Traffic Stripes and Marking: The yellow traffic stripes and markings contain two hazardous materials: lead and chromium. If the yellow traffic stripes and markings will be removed as separate item(s), the generated debris will be considered a California hazardous waste and should be disposed of at a Class I facility.

Dewatering: The existing bridge over Coyote Canyon Creek might be replaced or reinforced. In addition, overcrossing and/or undercrossing bridges may be included in the design. If any of these bridges will be supported on the piles to below the groundwater level, dewatering will be required. Therefore, during the SI, we will explore the groundwater level and by sampling and testing we will determine its contaminants and other required chemical and physical constituents. This information is required toward obtaining the dewatering permit(s).

Therefore, please transmit the selected Alternative(s) plans and sections including the existing and proposed RoW at your earliest convenience so we can plan our testing methodology and prepare and execute a Task Order for conducting a site investigation (SI). Then, upon the SI report, we submit our detailed hazardous waste assessment for the project.

If you have any questions or comments regarding this memorandum, please call me at extension 7-0670 or G. Hossein Bahmanyar at 1-866-399-9050+213-897-0284.



Ayubur Rahman
Senior Transportation Engineer
District 7 Hazardous Waste Coordinator, North Region