APPENDIX A

NOTICE OF PREPARATION RESPONSES
DATE: Nov 29, 1990

TO: Reviewing Agency

RE: EL DORADO COUNTY PLANNING DIVISION's NCP for EL DORADO COUNTY UNION MINE LANDFILL EXPANSION/CLOSURE SCH # 90021154

Attached for your comment is the EL DORADO COUNTY PLANNING DIVISION's Notice of Preparation of a draft Environmental Impact Report (EIR) for the EL DORADO COUNTY UNION MINE LANDFILL EXPANSION/CLOSURE.

Responsible agencies must transmit their concerns and comments on the scope and content of the EIR, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of this notice. We encourage commenting agencies to respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

STEVEN HUST
EL DORADO COUNTY PLANNING DIVISION
360 FAIR LANE
PLACERVILLE, CA 95667

with a copy to the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the review process, call John Vanderbilt at (916) 445-0613.

Sincerely,

David C. Nunenkamp
Deputy Director, Permit Assistance

Attachments

cc: Lead Agency
Fish and Game - Regional Offices

Garry Stacey, Regional Manager
Department of Fish and Game
6610 Lassen
Redding, CA 96001
916/223-2300 (4 441)

Jim Messeramith, Regional Manager
Department of Fish & Game
1701 Niblick Road, Suite A
San Luis Obispo, CA 93401
916/533-0922 (4 438)

B. Hunter, Regional Manager
Department of Fish and Game
P.O. Box 47
Yosemite, CA 95389
707/941-6516

Fred A. Worthley, Jr., Reg. Manager
Department of Fish and Game
330 Golden Grove, Suite 50
Long Beach, CA 90812
213/570-5113 (6 615)

Independent Commissions

John R. Nuffer
California Energy Commission
1717 Ninth Street, M-13
Sacramento, CA 95814
916/533-1910

William A. Johnson
Native American Heritage Comm.
910 Capital Mall, Room 401
Sacramento, CA 95814
916/322-7791

George Herath
Public Utilities Commission
501 Van Ness Avenue
San Francisco, CA 94102
415/587-1375 (6 597)

Betty Edkins
State Lands Commission
1177 - 13th Street
Sacramento, CA 95814
916/322-2395

Business, Transportation, & Housing

Sandy Herrard
Caltrans - Division of Aeronautics
P.O. Box 927874
Sacramento, CA 95824-0004
916/324-1833

Sgt. Jim Wadell
California Highway Patrol
Long Range Planning Section
Planning and Analysis Division
2555 Fifth Avenue
Sacramento, CA 95814
916/465-1941

Ron Heggemann
Caltrans - Planning
P.O. Box 927874
Sacramento, CA 95824-0001
916/465-2570

Food and Agriculture

Veselin Cvetanak
Dept. of Food and Agriculture
1200 N Street, Room 101
Sacramento, CA 95814
916/422-5217

Health & Welfare

Guy Tu
Dep. of Health
714 P Street, Room 1253
Sacramento, CA 95814
916/232-6111

MISCELLANEOUS

State and Consumer Services

Robert Stippa
Dep. of General Services
400 P Street, Suite 3100
Sacramento, CA 95814
916/232-0211

Environmental Affairs

Bob Fletcher
Air Resources Board
1020 N Street
Sacramento, CA 95814
916/338-2619

State Water Resources Control Board

Alen Famion
State Water Resources Control Board
Division of Licenses & Grants
P.O. Box 92412
Sacramento, CA 95824-2120
916/739-4114

Dave Bacherr
State Water Resources Control Board
P.O. Box 2006
Sacramento, CA 95816
916/232-9710

Ed Anton
State Water Resources Control Board
Division of Water Quality
P.O. Box 100
Sacramento, CA 95801
916/424-9552

Mike Falkenstein
State Water Resources Control Board
Division of Water Rights
908 P Street
Sacramento, CA 95814
916/324-5856

Regional Water Quality Control Board

NORTH COAST REGION (1)
1400 Greenville Rd.
Santa Rosa, CA 95403
707/566-2220 (8 509)

SAN FRANCISCO BAY REGION (2)
2111 Jackson Street, Room 6000
Oakland, CA 94607
415/546-1235 (8 421)

CENTRAL COAST REGION (3)
1102 A Laurel Lane
San Luis Obispo, CA 93401
805/592-3147 (8 280)

LOS ANGELES REGION (4)
101 Center Plaza Drive
Monterey Park, CA 91754
213/277-4000 (8 400)

CENTRAL VALLEY REGION (5)
3443 Fuerte Road, Suite A
Sacramento, CA 95827-3001
916/361-5689

Fresno Branch Office
3614 East Ashland Avenue
Fresno, CA 93726
209/415-5116 (8 411)

Redding Branch Office
103 East Cypress Avenue
Redding, CA 96001
916/224-4845 (ATS 441)

LAHONIAN REGION (6)
20311 Ave. Lobo Boulevard
Sacramento, CA 95850
916/327-0415

Victorville Branch Office
15412 Civic Drive, Suite 100
Victorville, CA 92392-2139
619/245-6083

COLORADO RIVER BASIN REGION (7)
73-271 Highway 111, Suite 21
Palm Dessert, CA 92260
619/245-1891

SANTA ANA REGION (8)
8600 Lomita Avenue, Suite 200
Riverside, CA 92506
714/782-4130 (6 632)

SAN DIEGO REGION (9)
9711 Clairemont Mesa Blvd., Suite B
San Diego, CA 92123-1331
619/265-5114 (6 536)

OTHER:
From:
Office of the Governor
Office of Planning and Research
State Clearinghouse
1400 Tenth Street, Room 121
Sacramento, CA 95814

To: STEVEN HUST
EL DORADO COUNTY PLANNING DIVISION
360 FAIR LANE
PLACERVILLE, CA 95667

EL DORADO COUNTY
RECEIVED
DEC 5 1990
COMMUNITY DEVELOPMENT
DEPARTMENT

ACKNOWLEDGEMENT
State of California
Project Notification and Review System
Office of the Governor
(916) 445-0613

SCH NUMBER: 90021154
TITLE: EL DORADO COUNTY UNION MINE LANDFILL EXPANSION/CLOSURE
SCH Contact: John Vanderbilt
Department Date: 11/29/90
Clearance Date: 12/28/90

(If document received after 10 AM review starts on next day.)

Please use the State Clearinghouse Number on future correspondence with
this office and with agencies approving or reviewing your project.
This card does not verify compliance with environmental review
requirements. A letter containing the State's comments or a letter
confirming no State comments will be forwarded to you after the
review is complete.
December 17, 1990

Steve Hust, Principal Planner
El Dorado Planning Division
Community Development Department
360 Fair Lane, Placerville, CA. 95667

RE: El Dorado County Union Mine Landfill Expansion and Closure

Dear Mr. Hust:

I have reviewed the Notice of Preparation. My recommendation is that all the issues discussed in the permit review conducted by this office, be included. (see attached)
Specifically, I recommend the following be considered:

1. Waste Volumes - accurate measurements and a better method than the present subjective method.

2. The site currently accepts asbestos (nonfriable) and infectious waste as well as other special wastes.

3. Waste oil and batteries being accepted as well as potential for other Household Hazardous Wastes.

4. A recycle center for beverage containers exists at the landfill.

None of these issues are included in the current permit. Without environmental review they cannot be a part of the required revised permit and will have to be relocated.

Very truly yours,

FRED SANFORD, REHS
Chief Code Compliance Officer
Local Enforcement Agency

cc: Jon Morgan, REHS, Environmental Management
SOLID WASTE FACILITY PERMIT REVIEW REPORT
UNION MINE LANDFILL
FACILITY NO. 09-AA-003

APRIL 1, 1990

Pursuant to the requirements of Title 7.3, Government Code, Section 66796.33 (d), the Solid Waste Facility Permit for Union Mine Landfill has been reviewed by the El Dorado County Local Enforcement Agency (LEA).

Review

This review consisted of the following:


7. Review of past inspection reports.

8. Technical Memorandum, February 5, 1990 CH2M Hill.


FINDINGS:

During my review, I have made the following findings:

1. The site is not currently meeting the State minimum standards for handling and disposal.

2. Waste volumes have exceeded the 85 ton capacity but have not exceeded the 6% per year growth factor.

3. The site currently accepts asbestos (nonfriable) and infectious waste.
4. The site has exceeded its elevations shown in Exhibit C of the permit.

5. The operator is currently working to remove mine wastes accumulated below the face of the Disposal site and is working closely with RWQCB to clean up this area. Clean up to be accomplished by October 1, 1990.

6. The closure date for this specific site was 1985. Projected closure date pending closure plan which is in preparation is 1995.

7. The operator is in preliminary plan stages for an expansion to the south creating 6-14 additional years of operation as documented in technical memorandum dated February 5, 1990, from CH2M Hill.

8. Waste oil and batteries are accepted at the landfill for recycle. A 500 gallon container is used for waste oil and pumped out by Ca oil recyclers. Batteries are stored on a pallet and removed each time a pallet is full.

9. A recycle center for beverage containers exists at the entrance to the landfill.

CONCLUSION:

Based on my review, I have concluded that there is significant change occurring at this facility due to the following:

1. The site currently accepts infectious waste. Finding #3. (Note: the non friable asbestos accepted at the landfill is considered non hazardous by El Dorado County's Hazardous Materials Division Director.)

2. The extension of the closure date. Finding #6.

3. Expansion of the landfill is in preliminary stages with the expansion. A revised permit is necessary. Finding #7.

4. The recycling activities must be addressed in the revised permit finding #8 & 9.

5. Landfill operation is not in full compliance with minimum standards for handling disposal.
ACTION:

Therefore, we are requesting the Operator to:

1. Immediately discontinue accepting infectious waste.

2. File an application for a revised Solid Waste Facility permit covering all findings in this review.

3. Bring landfill operation in compliance with minimum standards by implementing recommendations in the periodic site review.
December 18, 1990

Mr. Steven Hust
El Dorado County Planning Division
360 Fair Lane
Placerville, CA 95667

RE: NOP El Dorado County Union Mine Landfill - SCH #90021154

Dear Mr. Hust:

I received the above referenced NOP and would like to make one recommendation; that local Native American groups be involved during the initial planning stages. Many times these groups are able to help identify previously unrecorded sites during preliminary planning, thus avoiding delays later on in the project.

The California Environmental Quality Act, Appendix K, deals with the discovery of archaeological sites and the procedures to follow. It also contains information to follow when human remains are found during any phase of development. I would recommend that you contact and work closely with appropriate Native American groups in the area during the initial planning stages. They may be able to offer input regarding sites in the area.

Enclosed is a copy of a brochure published by the Native American Heritage Commission for the use of planners, developers and property owners. It contains a breakdown of the California Codes pertaining to Native American human remains and their disposition.

If you need any additional information, please do not hesitate to contact me.

Sincerely,

Gail McNulty
Staff Analyst

cc: John Vanderbilt, SCH
WHAT TO DO

The following actions must be taken immediately upon the discovery of remains at a construction site:

a) Stop work immediately and contact the County Coroner.

b) The Coroner has two working days to examine remains after being notified by the person responsible for the excavation. If the remains are Native American, the Coroner has 24 hours to notify the Native American Heritage Commission.

c) The Native American Heritage Commission will immediately notify the person it believes to be the most likely descendent of the deceased Native American.

d) The most likely descendent has 24 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the remains and grave goods.

e) If the descendent doesn’t make recommendations within 24 hours the owner may reinter the remains in an area of the property secure from further disturbance, or:

If the owner doesn’t accept the descendent’s recommendations, the owner or the descendent may request mediation by the Native American Heritage Commission.

FOR ADDITIONAL INFORMATION:

call the NATIVE AMERICAN HERITAGE COMMISSION at (916) 322-7791 or write to:

NATIVE AMERICAN HERITAGE COMMISSION
915 Capitol Mall, Room 288
Sacramento, CA 95814

A PROFESSIONAL GUIDE
FOR THE PRESERVATION AND PROTECTION OF NATIVE AMERICAN REMAINS AND ASSOCIATED GRAVE GOODS

A RESOURCE GUIDE FOR:
CORONERS
NATIVE AMERICAN MOST LIKELY DESCENDENTS
CITY AND COUNTY PLANNERS
PROPERTY OWNERS
DEVELOPERS
The following excerpts from California law concerning Native American remains are provided for your reference:

From Chapter 1492, Statutes of 1982, which added Section 7250.5 to the Health and Safety Code, amended Section 5097.94 of the Public Resources Code and added Sections 5097.98 and 5097.99 to the Public Resources Code:

(a) The Legislature finds as follows:

(1) Native American human burials and skeletal remains are subject to vandalism and inadvertent destruction at an increasing rate.

(2) State laws do not provide for the protection of these burials and remains from vandalism and destruction.

(3) There is no regular means at this time by which Native American descendants can make known their concerns regarding the treatment and disposition of Native American burials, skeletal remains, and items associated with Native American burials.

(b) The purpose of this act is:

(1) To provide protection to Native American human burials and skeletal remains from vandalism and inadvertent destruction.

(2) To provide a regular means by which Native American descendants can make known their concerns regarding the need for sensitive treatment and disposition of Native American burials, skeletal remains, and items associated with Native American burials.

From Section 7250.5 of the Health and Safety Code:

(b) In the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the coroner of the county in which the remains are discovered has determined, in accordance with Chapter 10 (commencing with Section 27480) of Part 3 of Division 2 of Title 3 of the Government Code, that the remains are not subject to the provisions of Section 27491 of the Government Code or any other related provisions of law concerning investigations of the circumstances, manner and cause of any death, and the recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative, in the manner provided in Section 5097.94 of the Public Resources Code.

From Section 5097.94 of the Public Resources Code:

(a) Whenever the commission receives notification of a discovery of Native American human remains from a county coroner pursuant to subdivision (c) of Section 7250.5 of the Health and Safety Code, it shall immediately notify those persons it believes to be most likely descended from the deceased Native American. The descendent may, with the permission of the owner of the land, or his or her authorized representative, inspect the site of the discovery of the Native American remains and may recommend to the owner or the person responsible for the excavation work means for treating or disposing, with appropriate dignity, the human remains and any associated grave goods. The descendent shall complete their inspection and make their recommendation within 24 hours of their notification by the Native American Heritage Commission. The recommendation may include the scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

(b) Whenever the commission is unable to identify a descendent, or the descendent identified fails to make a recommendation, or the landowner or his or her authorized representative rejects the recommendation of the mediator and the mediation provided for in subdivision (c) of Section 5097.94 fails to provide measures acceptable to the landowner, the landowner or his or her authorized representative shall reinsert the human remains and items associated with Native American burials with appropriate dignity on the property in a location not subject to further subsurface disturbance.

From Section 5097.98 of the Public Resources Code:

(a) No person shall obtain or possess any Native American artifacts or human remains which are taken from a Native American grave or cemetary on or after January 1, 1984, except as otherwise provided by law, in accordance with an agreement reached pursuant to subdivision (f) of Section 5097.94 or pursuant to Section 5097.98.

(b) Any person who knowingly or willfully obtains or possesses any Native American artifacts or human remains which are taken from a Native American grave or cemetary after January 1, 1984, except as otherwise provided by law or in accordance with an agreement reached pursuant to subdivision (f) of Section 5097.94 or pursuant to Section 5097.98, is guilty of a felony which is punishable by imprisonment in the state prison.

(c) Any person who removes, without authority of law, any Native American artifacts or human remains from a Native American grave or cemetary with the intent to sell or dissect or with malice or wantonness is guilty of a felony which is punishable by imprisonment in the state prison.

SB 447 (Chapter 494, Statutes of 1987):

On January 1, 1988, Senate Bill 447 went into effect. This legislation amended Section 5097.94 of the Public Resources Code, making it a felony to obtain or possess Native American remains or associated grave goods.
November 26, 1990

Steven Hust
El Dorado County Planning Division
350 Fair Lane
Placerville, CA 95667

RE: EL DORADO COUNTY UNION MINE LANDFILL EXPANSION/CLOSURE.

Dear Mr. Hust:

Thank you for the opportunity to comment on the Notice of Preparation for the Draft EIR on the above project. I have quickly reviewed our files and found that no record search or archeological survey has been done for this project. Based upon the currently known information and the local topography the location is considered to be in the moderate to high sensitivity range. In addition, on page 11 of the document you sent, adverse effects to cultural resources are anticipated, which suggests that sites or features not yet formally recorded may be present on the property. A formal record search and archeological field survey are strongly recommended for all areas of proposed landfill expansion as well as any areas of the current landfill area where cultural resources might still be detected (perhaps peripheral or as yet unused areas). The record search can be performed either by Information Center staff or during an office visit by the consulting field archeologist.

Please call me if you have any questions.

Sincerely,

Marianne L. Russo
Assistant Coordinator
To: CA Archeological Site Survey
   CSUS & Dept. of Anthropology
   6000 J Street
   Sacramento, CA 95819

Subject: Notice of Preparation of a Draft Environmental Impact Report

Lead Agency: El Dorado County Planning Div.
Agency Name
Street Address 360 Fair Lane
City/State/Zip Placerville, CA 95667
Contact Steven Hust

El Dorado County will be the Lead Agency and will prepare an environmental impact report for the project identified below. We need to know the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR prepared by our agency when considering your permit or other approval for the project.

The project description, location, and the potential environmental effects are contained in the attached materials. A copy of the Initial Study ( is not) attached.

Due to the time limits mandated by State law, your response must be sent at the earliest possible date but not later than 30 days after receipt of this notice.

Please send your response to El Dorado County Planning Division at the address shown above. We will need the name for a contact person in your agency.

Project Title: El Dorado County Union Mine Landfill Expansion and Closure

Project Location: El Dorado
City (nearest)
County

Project Description: (brief) Operation of the existing County Union Mine Landfill, a Class III sanitary landfill for its remaining 5-year disposal capacity; expansion of the facility to provide for an additional 6- to 10 years disposal capacity; and the closure and reclamation of the site upon reaching the facility's capacity.

Date November 16, 1990

Signature Steven Hust
Title Principal Planner
Telephone (916) 621-5355

Reference: California Administrative Code, Title 14, (CEQA Guidelines) Sections 15082(s), 15103, 15375.
11. **Population.** Will the proposal alter the location, distribution, density, or growth rate of the human population of an area? 
   - [ ] Yes  
   - [ ] Maybe  
   - [XX] No

12. **Housing.** Will the proposal affect existing housing, or create a demand for additional housing? 
   - [ ] Yes  
   - [ ] Maybe  
   - [XX] No

13. **Transportation/Circulation.** Will the proposal result in:
   a. Generation of substantial additional vehicular movement? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   b. Effects on existing parking facilities or demand for new parking? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   c. Substantial impact upon existing transportation systems? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   d. Alterations to present patterns of circulation or movement of people and/or goods? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   e. Alterations to waterborne, rail, or air traffic? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   f. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No

14. **Public Services.** Will the proposal have an effect upon, or result in a need for new or altered government services in any of the following areas:
   a. Fire protection? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   b. Police protection? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   c. Schools? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   d. Parks or other recreational facilities? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   e. Maintenance of public facilities, including roads? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   f. Other governmental services? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No

15. **Energy.** Will the proposal result in:
   a. Use of substantial amounts of fuel or energy? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   b. Substantial increase in demand upon existing sources or energy, or require the development of new sources of energy? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No

16. **Utilities.** Will the proposal result in a need for new systems, or substantial alterations to utilities? 
   - [ ] Yes  
   - [ ] Maybe  
   - [XX] No

17. **Human Health.** Will the proposal result in:
   a. Creation of any health hazard or potential health hazard (excluding mental health)? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No
   b. Exposure of people to potential health hazards? 
      - [ ] Yes  
      - [ ] Maybe  
      - [XX] No

18. **Aesthetics.** Will the proposal result in the obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view? 
   - [XX] No

19. **Recreation.** Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities? 
   - [ ] Yes  
   - [ ] Maybe  
   - [XX] No

20. **Cultural Resources.**
   a. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archaeological site? 
      - [XX] No
   b. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object? 
      - [XX] No
PETITION
AGAINST THE UNION MINE LANDFILL

We hereby sign this petition to protest any future expansions of the Union Mine Landfill for the following reasons:

WATER QUALITY/CONTAMINATION

The present landfill and any future expansions threaten the quality of water in the surrounding area. The soil does not contain the necessary clay material nor the allowable distance between groundwater and debris as required by State regulations. The area is abundant with old mines and shafts which travel as far as 2,000 feet.

The residents in the area are all dependent on well water. In one area, wells produce from 35 to 100+ gpm, even during our recent drought. Although the State has determined that no substantial amount of hazardous water is leaving the site, there is still a quantity that does. Also, the State nor the County can test every fissure which runs below the landfill. Their tests may bypass a fissure which is carrying larger quantities of contaminated groundwater to residents south and southeast of the landfill. Testing can only be performed on a nominal amount of hazardous chemicals which exist. The County nor the State has tested any private wells which may be directly affected by surface or groundwater contamination. Wells tested approximately five years ago covered southwest of the site. Experts seem to believe groundwater flows southeast.

TRAFFIC

With the enormous growth of El Dorado County, traffic to the landfill has increased substantially both private and commercial. The road is a small winding country road with many blind curves. There are no posted or enforced speed limits. The large disposal trucks and commercial tractor/trailer transports have a tendency to dangerously travel over the center line on turns.

The blind curves also create a hazardous situation when debris has fallen off of vehicles and obstructs the road. Vehicles must veer into oncoming lanes to avoid obstacles. The local school district considers the large disposal trucks and other commercial trucks on such a small winding road too dangerous for its school buses. Residents have to transport their children to bus stops several miles from their residences.

DUST

The dust created by cars and trucks going in and out of the landfill and also the dust created by the bulldozers and large dirt movers create an enormous cloud which floats above the landfill and down through the canyon north and south of the site for a couple of miles. Residents located below the landfill are prone to dust falling from the site above them, which may contain hazardous materials.

During the winter, mud and dust becomes a major problem on the public road. Cars and large trucks carry out mud onto the road. When it is wet, it is dangerously slippery and when it is dry, it creates a dust cloud blocking vision.

NOISE

The landfill is located in a very rural area zoned residential/agricultural. The canyon is extremely quite and sound carries several miles. The sound of the bulldozers and other heavy equipment travels at least one mile through the canyon and for many residents, it sounds like they are working right next door. The landfill does not seem to have normal operating hours (8:00 a.m. - 5:00 p.m.) because bulldozers can be heard as early as 6:30 a.m. and as late as 8:00 p.m.
COVER MATERIAL

The area in which the landfill is located does not provide adequate cover material for debris. There is not enough cover and it is mostly composed of shale and rock. Residents have been witness to the fact that debris is stacked several feet and then a thin layer of cover material is put on. The State requires cover material every couple for feet of debris.

DEBRIS

The County, during approximately one-year period, is still working on a policy for picking up litter along the road leading to the landfill; all caused by the persistence of the residents in the area. Debris by the landfill still remains and continues to be an eyesore. The landfill operator is unable to control the debris from leaving the site on windy days which can travel great distances to nearby vegetation due to the steep grade of the terrain.

FIRE HAZARD

The landfill site is located in an area of steep, rugged terrain with dense growth. The danger of wild fires starting from the landfill site is great since residents bring burn barrels to empty at the site.

FUTURE SITES

The expansion proposal is a short-term solution costing County residents approximately $4 million. The County should invest the taxpayers' money into a new, larger capacity site that would last 30-50 years rather than the 7-15 year estimate on the expansion. It would be a great burden to county residents to have to come up with additional funding within such a short period of time in order to find a larger capacity site after the expansion is useless. The County will have to come up with money in 7-15 years to close the present site and expansion and then invest in property for a greater capacity site. Why not avoid costly expenditures in the future by planning now and relocating the site to a more long-lasting usable area before the population growth of the County causes large tracts of land to become scarce.

We petition the County Board of Supervisors to attempt to look elsewhere within the county for a more feasible site. The Board should be concerned at this point not how to increase development in the county, but be concerned for the environment, its water and properties. The site for the expansion is not an ideal site, yet the Board seems to want to take the increased risk to contaminate precious groundwater and the residents in the area. We advise the Board of Supervisors to make their decisions based on the concerns of its residents and the environment and not what is politically advantageous to themselves.

IF YOU LIVE WITHIN THE GEOGRAPHIC AREA OF THE LANDFILL, PLEASE INDICATE YOUR WELL GPM.

Signature: [Signature]
Name: Ann L. Hayes
Street Address: 7083 Ewing Trail Rd
Zip Code: 95214
Well GPM: 1.0+

Signature: [Signature]
Name: Fred Burgess
Street Address: 6987 Buena Verre
Zip Code: 95619
Well GPM: 15+
IF YOU LIVE WITHIN THE GEOGRAPHIC AREA OF THE LANDFILL, PLEASE INDICATE YOUR WELL GPM.

Signature: 
Name: David White
Street Address: Casa Bonita
Diamond Springs
Well GPM: 25+

Signature: 
Name: Jacob Gonzalez
Street Address: Box 4/3
El Dorado, CA 95623
Well GPM: 

Signature: 
Name: Karin Nelson
Street Address: Box 17
El Dorado, CA 95623
Well GPM: 

Signature: 
Name: Mildred Nett
Street Address: El Dorado
P.O. Box 172, Cal. 95623
Well GPM: 

Signature: 
Name: Mildred Nelson
Street Address: El Dorado
P.O. Box 17, Cal. 95623
Well GPM: 

Signature: 
Name: Patricia Tucker
Street Address: Box 17
El Dorado, CA 95623
Well GPM: 7

Signature: 
Name: Jose Martin Carrera
Street Address: O. O. Box
113 E. Mina Rd, CA 95623
Well GPM: 

Signature: 
Name: Jose Martin Carrera
Street Address: 6330 Union
Mine Rd. Diamond Springs
Well GPM: 12 min.
IF YOU LIVE WITHIN THE GEOGRAPHIC AREA OF THE LANDFILL, PLEASE INDICATE YOUR WELL

**GPM**

**Signature:** Paul McClain  
**Name:** Paul McClain  
**Street Address:** 6530 Union Mine Rd E El Cajon  
**Well GPM:** 10 GPD

**Signature:**  
**Name:**  
**Street Address:**  
**Well GPM:**

**Signature:** Lizia Meador  
**Name:** Lizia Meador  
**Street Address:** 6530 Union Mine Rd E El Cajon  
**Well GPM:**

**Signature:**  
**Name:**  
**Street Address:**  
**Well GPM:**

**Signature:** Billie Donie  
**Name:** Billie Donie  
**Street Address:** Via de Acero  
**Well GPM:**

**Signature:**  
**Name:**  
**Street Address:**  
**Well GPM:**

**Signature:** David Austin  
**Name:** David Austin  
**Street Address:** Via de Acero  
**Well GPM:**

**Signature:**  
**Name:**  
**Street Address:**  
**Well GPM:**

**Signature:** David Neillson  
**Name:** David Neillson  
**Street Address:** 6330 Union Mine Rd  
**Well GPM:**

**Signature:**  
**Name:**  
**Street Address:**  
**Well GPM:**

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**Name:**  
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**Name:**  
**Street Address:**  
**Well GPM:**
Union Mine Landfill Petition

Name: Patricia L. Tewm
Street Address: #1113 Kingwood

Well GPM: __________

Signature: __________________________

Name: Kenneth P. Motz
Street Address: 7928 Burdiol Rd.

Well GPM: __________

Signature: __________________________

Name: Felicia M. Hellett
Street Address: 5520 Marie Rd

Well GPM: __________

Signature: __________________________

Name: Melvin B. Hellett
Street Address: 5520 Marie Rd

Well GPM: __________

Signature: __________________________

Name: Gerald F. Mayer
Street Address: 2234 Buzz Tail Rd.

Well GPM: __________

Signature: __________________________

Name: Joseph R. Patrick
Street Address: 5661 Marie Rd

Well GPM: __________

Signature: __________________________

Name: William G. Imler
Street Address: 5661 Marie Rd

Well GPM: __________

Signature: __________________________

Name: Philip M. Tyulander
Street Address: 5640 Marie Rd

Well GPM: __________
IF YOU LIVE WITHIN THE GEOGRAPHIC AREA OF THE LANDFILL, PLEASE INDICATE YOUR WELL

GPM:

Signature: [Signature]
Name: Sandra Thulander
Street Address: 5740 Marie Rd
Diamond Springs, CA 95619
Well GPM: 15

Signature: [Signature]
Name: Frank E. Jacobson
Street Address: 5441 Union Mine Rd
El Dorado, CA 95623 POB 598
Well GPM: 100

Signature: [Signature]
Name: Sharon A. Parker
Street Address: 5770 Marie Rd
Diamond Springs, CA 95619
Well GPM: 7 cenwell

Signature: [Signature]
Name: Dale L. Mayer
Street Address: 5601 River Rd
Diamond Springs, CA 95619
Well GPM: [GPM]

Signature: [Signature]
Name: Paul G. Mayer
Street Address: 1021 Hanover St
El Dorado Hills, CA 95762
Well GPM: [GPM]

Signature: [Signature]
Name: Nancy L. Mayer
Street Address: 4401 Trotter Lane
El Dorado, CA 95623
Well GPM: [GPM]

Signature: [Signature]
Name: John F. Howard
Street Address: PO Box 331
El Dorado, CA 95623
Well GPM: [GPM]

Signature: [Signature]
Name: Helen L. Young
Street Address: 5261 Union Mine Rd
Diamond Springs, CA 95619
Well GPM: [GPM]

Signature: [Signature]
Name: Michael E. Thompson
Street Address: 4725 Windward Way
Diamond Springs, CA 95619
Well GPM: [GPM]
IF YOU LIVE WITHIN THE GEOGRAPHIC AREA OF THE LANDFILL, PLEASE INDICATE YOUR WELL GPM.

Signature: Thomas M. Thornton
Name: Thomas M. Thornton
Street Address: 423 W. Diamond Way
Diamond Springs, CA 95619
Well GPM: F10

Signature: Robert J. Shamas
Name: Robert J. Shamas
Street Address: 4228 Winding Way
Diamond Springs, CA 95619
Well GPM: F10

Signature: Dianne L. Shamas
Name: Dianne L. Shamas
Street Address: 4728 Winding Way
Diamond Springs, CA 95619
Well GPM: F10

Signature: Mary K. Potter
Name: Mary K. Potter
Street Address: 4730 Winding Way
Diamond Springs, CA 95619
Well GPM: F10

Signature: Paul Chapman
Name: Paul Chapman
Street Address: 1150 Windmill Way
Diamond Springs, CA 95619
Well GPM: F10

Signature: Greg Heyler
Name: Greg Heyler
Street Address: 5201 Union Mine Rd
Diamond Springs, CA 95619
Well GPM: F10

Signature: Sandra Campbell
Name: Sandra Campbell
Street Address: 3003 Union Mine Rd
Diamond Springs, CA 95619
Well GPM: F10

Signature: Ernest W. Campbell
Name: Ernest W. Campbell
Street Address: 5003 Union Mine Rd
Diamond Springs, CA 95619
Well GPM: F10

Signature: Scott Shanes
Name: Scott Shanes
Street Address: 3820 Truscott
Diamond Springs, CA 95619
Well GPM: F10

Signature: Jim Smith
Name: Jim Smith
Street Address: 5143 Aerie
Dana Point, Diamond Springs, CA 95619
Well GPM: F10
IF YOU LIVE WITHIN THE GEOGRAPHIC AREA OF THE LANDFILL, PLEASE INDICATE YOUR WELL GPM.

Signature: John E. Smith
Name: John E. Smith
Street Address: 5430 Patriot Ct.
Diamond Springs, CA 95619
Well GPM:

Signature: Signature
Name: Name
Street Address: Street Address
Well GPM:

Signature: Signature
Name: Name
Street Address: 5150 Cody C1
Diamond Springs, CA
Well GPM:

Signature: Signature
Name: Name
Street Address: 3740 Cody C7
Diamond Springs, CA
Well GPM:

Signature: Signature
Name: Name
Street Address: 5781 Truscott Ln
Diamond Springs, CA 95619
Well GPM:

Signature: Signature
Name: Name
Street Address: 9041 53 Empire Mine
Diamond Springs, CA 95619
Well GPM:

Signature: Signature
Name: Name
Street Address: Street Address
Well GPM:

Signature: Signature
Name: Name
Street Address: Street Address
Well GPM:
Mr. Steven Hust, Principal Planner
El Dorado County Planning Division
360 Fair Lane
Placerville, CA 95667

Dear Mr. Hust:

The Department of Fish and Game (DFG) has reviewed the Notice of Preparation of a Draft Environmental Impact Report (EIR) for the El Dorado County Union Mine Landfill Expansion and Closure. The proposed project describes the operation of the existing County Mine Landfill for its remaining five-year life expectancy and expansion of the facility with a plan for closure and reclamation when capacity has been reached.

The 40-acre project is located within a 217-acre parcel, approximately three miles south of El Dorado, El Dorado County. Several intermittent drainage courses occur on the project site and may be impacted by the landfill expansion.

The DFG recommends that the following concerns be addressed and mitigated in the Draft EIR:

1. The project's potential impact upon streams and wetlands. A 50-foot open space buffer should be established on each side of all intermittent streams. The buffer should be extended if necessary to protect any wetlands along the streams. If the proposed project unavoidably impacts wetlands, mitigation should be provided that is based upon the concept of no net loss of wetland habitat values or acreage.

2. Anticipated potential impacts from storm water runoff upon the water quality and aquatic resources of streams within the watershed of the subject property.

3. The project's potential impact upon State- and Federally-listed sensitive plants. A plant survey for listed sensitive plants should be done on the subject property by a qualified botanist, pursuant to the attached guidelines. If any sensitive plants are found, mitigation should be proposed to protect them. The survey report and its recommended mitigation measures should be included in the Appendices of the EIR.
Mr. Steven Hust

December 12, 1990

The applicant should be advised that work within the 100-year flood plain, consisting of but not limited to diversion or obstruction of the natural flow or changes in the channel, bed, or bank of any river, stream, or lake, will require notification to the DFG as required by Fish and Game Code Section 1600 et seq. The notification (with fee), and subsequent agreement, must be completed prior to initiating any such work. Notification to the DFG should be made after the project is approved by the lead agency. The agreement process should not be used in lieu of specific mitigation measures to be included as conditions of project approval by the lead agency.

The DFG looks forward to reviewing the Draft EIR when it is prepared. If we can be of further assistance, please contact Mr. Bob Mapes, Associate Wildlife Biologist, or Ms. Patricia Perkins, Wildlife Management Supervisor, telephone (916) 355-7010.

Sincerely,

James D. Messersmith
Regional Manager

Attachment
The following recommendations are intended to help those who prepare and review environmental documents determine when a botanical survey is needed, who should be considered qualified to conduct such surveys, how field surveys should be conducted, and what information should be contained in the survey report.

1. Botanical surveys that are conducted to determine the environmental effects of a proposed development should be directed to all rare and endangered plants and plant communities. Rare and endangered plants are not necessarily limited to those species which have been "listed" by state and federal agencies but should include any species that, based on all available data, can be shown to be rare and/or endangered under the following definitions:

   A species, subspecies or variety of plant is "endangered" when the prospects of its survival and reproduction are in imminent jeopardy from one or more causes, including loss of habitat, change in habitat, over-exploitation, destruction, competition or disease. A plant is "rare" when, although not presently threatened with extinction, the species, subspecies or variety is found in such small numbers throughout its range that it may be endangered if its environment worsens.

   Rare plant communities are those communities that are of highly limited distribution. These communities may or may not contain rare or endangered species. The most current version of the California Natural Diversity Data Base's "List of Terrestrial Communities in California may be used as a guide to the names of communities.

2. It is appropriate to conduct a botanical field survey to determine if, or the extent that, rare plants will be affected by a proposed project when:

   a. Based on an initial biological assessment, it appears that the project may impact potential rare plant materials;
   b. Rare plants have not previously been identified on the project site, but adequate information for impact assessment is lacking;
   c. An initial biological assessment has been conducted and it is unknown whether or not rare plants or their habitat exists on the site.

3. Botanical consultants should be selected on the basis of possession of the following qualifications (in order of importance):

   a. Experience as a botanical field investigator with experience in field sampling design and field methods;
   b. Taxonomic experience and knowledge of plant ecology;
   c. Familiarity with the plants of the area, including rare species; and
   d. Familiarity with the appropriate state and federal statutes related to rare plants and plant collecting.

4. Field surveys should be conducted in a manner that will locate any rare or endangered species that may be present. Specifically, rare or endangered plant surveys should be:

   a. Conducted at the proper time of year when rare or endangered species are present and identifiable.
   b. Field surveys should be scheduled (1) to coincide with known flowering periods, and (2) during periods of zoological development that are necessary to identify the plant species or concern.
   c. Floral in nature. "Prescriptive surveys" which predict the occurrence of rare species based on the occurrence of certain other physical features rather than actual field observations should be reserved for such ecological studies, not for impact assessment. Every species observed in the field should be identified to the extent necessary to determine whether it is rare or endangered.
   d. Conducted in a manner that is consistent with conservation status. Collections of rare or suspected rare species, voucher specimens, should be made only when such actions would not jeopardize the continued existence of the population and in accordance with insoluble state and federal permit regulations. Voucher specimens should be deposited at designated public herbaria for future reference. Photography should be used to document plant identification and habitat whenever possible, but especially when the population cannot be collected or voucher specimens.
   e. Conduct using systematic field techniques in all areas of the site to ensure a reasonably thorough coverage of potential impact areas.
   f. Well documented. When a rare or endangered plant (or rare plant community) is located, a California Native Species or Community Field Survey form and/or other written form should be completed and submitted to the Natural Diversity Data Base.

5. Reports of botanical field surveys should be included in or with environmental assessments, negative declarations, EIR's and EIS's, and should contain the following information:

   a. Project description, including a detailed map of the project location and study area.
   b. Written description of biological listing, referencing the community membership used, and vegetation type.
   c. Details description of survey methodology.
   d. Dates of field surveys.
   e. Results of surveys (including species lists).
   f. An assessment of potential impacts.
   g. Discussion of the importance of rare plant populations with consideration of nearby populations and total species distribution.
   h. Recommendations for mitigation measures to reduce or avoid impacts.
   i. List of all species identified.
   j. Copies of all California Native Species Field Survey Forms or Natural Community Field Survey Forms.
   k. Names of field investigators.
   l. Photographs.
December 28, 1990

Mr. Steven D. Hust
El Dorado County Planning Division
360 Fair Lane
Placerville, CA  95667

Dear Mr. Hust:

Thank you for the opportunity to review and comment on the Notice of Preparation for the Draft Environmental Impact Report (DEIR) concerning the Union Mine Landfill Expansion and Closure.

The Draft EIR should include the following:

1) How much traffic above the existing volumes will be generated? This information should be broken down into private and commercial vehicles.

2) A discussion of the impacts of increased traffic to the intersection of State Route 49/Union Mine Road.

3) A discussion of mitigations to the impacts identified in number two above.

If you have any questions about our comments, please feel free to contact me at (916) 324-6642.

Sincerely,

Valerie Campbell

Valerie Campbell
IGR/CEQA Coordinator
Date: 12/17/90

To: Steve Hust
Principal Planner

From: Michael T. Stoltz
Administrative Services Officer

Subject: Notice of Preparation of a Draft Environmental Impact Report - El Dorado County Union Mine Landfill Expansion and Closure

The Department of Transportation (DOT) does not have any comments regarding this matter at this time. DOT will provide additional comments as appropriate upon receipt of the draft environmental impact report. This report should be addressed to me.

cc: Don Farrimond
Craig McKibbin
December 29, 1990

Mr. Steven Hust
El Dorado County Planning Division
360 Fair Lane
Placerville, CA 95667

Subject: SCH# 90021154, Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) for the El Dorado Union Mine Landfill Closure and Expansion, City of El Dorado, El Dorado County.

Dear Mr. Hust:

Staff of the California Integrated Waste Management Board (CIWMB) have reviewed the NOP for the above document and offer the following comments:

Project Description

The project site is a 217-acre parcel of which 40-acres are used as a regional Class III sanitary landfill. The landfill currently receives 268,000 cubic yards of wastes annually. Approximately 60% of wastes received are residential, 35% commercial, and 5 percent inert wastes. Asbestos, grease trap, and sewage sludge wastes are not received at the facility.

The project will consist of: a) the continued operation, and subsequent closure of the existing Class III service area (Waste Management Unit-1), anticipated remaining capacity is 5 years, b) the expansion of the facility on adjacent land to provide 6 to 10 years of disposal capacity, and installing the capability of receiving and handling septic tank sludge and infectious wastes, c) installation of a leachate/septage collection and treatment facility, which may include an optional 3-mile sewer line and lift station, d) the installation of weight scales at the landfill entrance, and e) the construction and operation of a household hazardous waste/load screening/resource recovery facility.

Closure/Postclosure Maintenance Plan for Existing Operations

The Closure/Postclosure Plan (Plan) for the existing landfill, Waste Management Units 1 through 4, should be included in the Environmental Impact Report. Prior to the issuance of a Solid Waste Facility Permit (SWMP) for the closure and subsequent expansion of the landfill, a complete plan must be submitted to the permits division. Once the plan is deemed adequate by the Board, CEQA compliance is required, including the circulation of
the document through the state clearinghouse, prior to Boards approval. Staff of the Permits Division have indicated that a Closure Plan has not been submitted, and is forthcoming.

What long-term remedial actions are proposed to address the following impacts: management and administration of closure/postclosure efforts, monitoring of landfill gas, groundwater protection measures, public health and safety, and encroachment from development of the surrounding area. Once closure of the existing service area is complete, disturbances to this area will require issuance of a SWFP to the contractor. Will access into the proposed expansion area, traverse the closed portion of the landfill?

Information to be Included in the Draft Environmental Impact Report for the Expansion of the Union Mine Landfill

Enclosed is a checklist of information that should be included in the DEIR for the proposed expansion of the Union Mine landfill. The DEIR should also thoroughly describe all the proposed activities in conjunction with the expansion of the landfill: borrow area activities, proposed septage/leachate collection and treatment system, receipt of septage sludge, infectious waste disposal, and the proposed household hazardous waste load screening/resource recovery facility. Current landfill activities which will continue after the closure of Waste Management Units 1 through 4 should also be described.

Since the expanded portion of the landfill will receive infectious wastes, and will establish a household hazardous waste collection facility/area, the county should contact: Sam Zarek of the Department of Health Services, Region 1 at (916) 855-7743 for information concerning a hazardous waste permit, the California Regional Water Quality Control Board, Central Valley Region for waste discharge requirements, and the Environmental Protection Agency (EPA) Regional Office in San Francisco. Subsequent technical reports or special studies conducted for this project should be included in the EIR, in the form of technical appendices, and circulated through the state clearinghouse for staff review.

General Comments

Receipt of Hazardous Wastes at the Facility

Page 1 of the project description indicates that the expanded landfill operation will include the acceptance of septage sludge and infectious wastes. Is the county proposing the expansion of the landfill as a Class I facility? How will the infectious wastes be handled, stored, and disposed of? Will infectious wastes and septic sludge be treated on-site?

Page 7 of the Initial Study (IS), indicates that the expansion of the landfill will include a household hazardous waste load
screening and resource recovery facility; furthermore, Page 14 of the IS states that the disposal of refuse and infectious wastes, and the collection of household hazardous waste may cause a potential health and safety hazard. The EIR should include the following:

- EPA/DHS generator identification number
- Identification of funding mechanism
- Identification of area to be served by this project
- Identification of applicable regulations
- Identification of liability insurance
- A description of a public information and education program
- A schematic of the layout of the proposed operation
- A description of the loadchecking program for the incoming household hazardous wastes
- An estimate of waste types and quantities
- A description of waste storage methods
- Identification of final disposal sites of the wastes
- A description of all proposed recycling or reuse activities
- A description of an emergency response plan, and safety practices
- A description of personnel training

Source Reduction and Recycling Activities

As stated on page 7 of the IS, a resource recovery program is currently operating at the existing landfill. Will the program continue after the existing service area is closed? Will the proposed expansion of the site include resource recovery and recycling activities and/or the construction of a materials recovery/transfer station? If the county is proposing to construct a materials recovery facility/transfer station, the DEIR should include the information on the enclosed checklist. This will preclude the need for additional CEQA review in the future. The facility will also require Board approval in the issuance of a Solid Waste Facility Permit (SWFP).

Stream Alteration

As stated on page 8 of the IS, several intermittent drainage courses traverse the existing service area and the proposed expansion area. These channels eventually flow into Martinez Creek. Studies referenced in the IS, indicate that the stream is fed by surface runoff, drainage from abandoned mine workings, and local springs and seeps. These studies should be included in the DEIR for Staff review.

Proposed alterations to the tributary, which feeds into Martinez Creek, may warrant coordination with the Department of Fish and Game and Army Corps of Engineers to determine potential impacts that the proposed landfill activities may have on species and habitat, and to determine which appropriate mitigation measures.
Prior to the issuance of a SWFP, all necessary permits/approvals must be obtained and submitted through the Local Enforcement Agency with the SWFP application.

Groundwater

Groundwater levels vary from 5 feet at lower elevations, to 100 feet at higher elevations. As stated in the IS, previously reported data indicate that groundwater elevations vary with season, and may come in contact with the toe of the existing landfill possibly above the base of refuse. Data on which this statement is based is not included in the IS. The DEIR should include all relevant data for staff review. Will the landfill be designed to prevent the possible inundation of landfill refuse from an increased elevation of groundwater? What mitigation measures are proposed to ensure protection of groundwater. Is there a monitoring program currently in effect at the existing landfill? If so, water quality samples and results should be included in the DEIR as well?

Page 9 of the IS states that the project area is located adjacent to lands zoned for residential and residential/agricultural uses. Will the proposed project impact groundwater resources which provide potable water for nearby residents? The DEIR should describe any existing and proposed groundwater protection measures.

Land Use

As previously mentioned, the IS attached for Staff review states that the project area is located adjacent to lands zoned for residential and residential/agricultural use. There are two residences located within 2,000 feet of the existing landfill site. Are there any additional residences within the project area which would be impacted by the expansion of the landfill? The surrounding property is public land, which is administered by the Bureau of Reclamation and the Bureau of Land Management.

Pursuant to Public Resources Code Section 50000.5 (b)(2), the development of a new or expansion of an existing facility must be deemed consistent with the general plan. The project will be deemed adequate if the proposed facility is located in a land use designated or authorized for solid waste facilities in the county general plan, and land uses which are authorized are compatible with the establishment, or expansion of the solid waste disposal facility. Will the proposed facility be consistent with the general plan? Will the proposed project require an amendment to the general plan and zoning ordinance? Will additional discretionary approval be required in conjunction with the proposed project? Will the proposed project require relocation of the residences?

Since the proposed expansion of the Union Mine landfill is adjacent to public lands governed by the Bureau of Reclamation
and Bureau of Land Management, it appears that a coordinated environmental review, EIR/EIS, is necessary.

Vector Control

A potential increase for vector generation exists with the proposed construction of the Class I facility. What specific measures will be implemented to manage the potential impacts/effects which may result? The DEIR should describe measures to control airborne and terrestrial vectors, and a monitoring program to ensure that proposed measures are effective.

Noise Impacts from the Closure and Subsequent Construction and Operation of Landfill

As indicated on page 10 of the IS, an increase in existing noise levels will result due to an increase in refuse disposal activities, and the construction of the expanded landfill and appurtenant facilities. The DEIR should conduct a noise study to quantify noise impacts, and identify appropriate noise attenuating mitigations which will be implemented on-site to reduce impacts to a less than significant level.

Transportation System/Circulation Impacts

As stated on page 14 of the IS, the proposed project may result in an increase in public and commercial traffic to the site for refuse disposal, resource recovery activities, and household hazardous waste drop-off and collection. A traffic study may be necessary to project the number of vehicle trips per day, assess impacts on existing circulation patterns, assess the capacity of existing roads to handle the increased vehicular traffic, determine if improvements to roads are necessary, and identify appropriate mitigation measures to reduce impacts.

Air Quality Impacts

Page 13 of the IS, states that odors may result from the disposal of refuse on-site. What specific measures are being proposed, as part of the site's daily maintenance, to address this problem? Landfill gas can contribute to the odor problem, will the proposed project include a gas collection/recovery system and flare station to burn off methane gas which will be produced by the closed landfill area and expansion of new landfill? Will the proposed project require an air pollution permit from the local Air Quality District?

Mitigation Monitoring and Implementation Schedule

As required by Public Resources Code Section 21081.6, the County must submit a Mitigation Monitoring and Implementation Schedule (MMIS) upon certification of the final EIR. The MMIS should describe the impacts identified in the EIR, identify mitigation
measures which will be implemented to reduce impacts, identify agency(ies) responsible for ensuring the implementation of mitigation measures, and develop a implementation schedule and tracking mechanism for monitoring the program's effectiveness.

If you have any questions regarding these comments, please contact Martha Diaz of the Board's Environmental Review Branch of the Local Planning Division at (916) 323-5031.

Sincerely,

John D. Smith, Manager
Local Planning Division

Attachment

cc: State Clearinghouse