

**APPENDIX A  
SCOPING AND COORDINATION**

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## Correspondence List

- 3/10/2005 Issue scoping request letter for quarries utilized by Bureau of Reclamation
- 3/14/2005 Paul Buff from the BLM State Office in Phoenix called to request an electronic copy of the scoping letter. Thayer approved and he was emailed a copy on 3/15/2005. His contact info is: 602.417.9225, [Paul\\_Buff@blm.gov](mailto:Paul_Buff@blm.gov)
- 3/15/2005 George Meckfessel, Planning Environmental Coordinator, for Needles Field Office of BLM called to request more detailed maps. He was specifically interested in routes to/from the quarries as it pertains to ROW permits and wants more detailed maps with routes and project area boundaries. I asked him to send me a GIS layer of their area in order to make him an accurate map. He mentioned that Manchester is going to be especially contentious and that they are getting rigorous scrutiny on all permits in and adjacent to wilderness areas from the environmental community. His contact info is: 760.326.7008, [George\\_Meckfessel@ca.blm.gov](mailto:George_Meckfessel@ca.blm.gov)
- 3/21/2005 Received voicemail from Gary Taylor, El Centro BLM asking how to respond to scoping letter. On 3/24/2005 Kim Garvey spoke with Gary and asked him to send a letter to us with their response/concerns. His phone number is 760.337.4422.
- 3/22/2005 Received letter from Yuma County Department of Development Services. Letter put in scoping file.
- 3/22/2005 Received email response from Pat Wall of La Paz County Community Development Department. Email put in scoping file.
- 3/30/2005 Received email from Canh Nguyen, CDFG in Blythe: "Could you place me on the mailing list for this project? CDFG would appreciate the opportunity to comment on the Programmatic EA as it pertains to the quarries in California". Email copied to project file and name added to list.
- 4/1/2005 Received letter from El Centro BLM Field Office regarding the two quarries in their jurisdiction (Pilot Knob and Paymaster). Paymaster is covered under an environmental plan that Gary Taylor is going to send to Kim G. Letter stated that the ROW is donated land and is generally not permitted for ROWs – Kim G will follow-up with their lands people.
- 4/1/2005 Received 2 letters from Phoenix ES Fish and Wildlife Service Office. One in response to scoping and the other in response to the BO renewal. Kim Garvey spoke with Lesley Fitzpatrick on 4/8/2005. Kim Garvey is

going to get FWS the needed reports and acceptance of terms and conditions letter.

- 4/8/2005 Received response letter from Salt River Pima-Maricopa Indian Community. They defer all consultation to CRIT through an existing agreement.
- 4/8/2005 Received email from Tafida Elsherif of Arizona State Land Department asking to be including on mailing list for AZ lands and Colorado River work.
- 4/11/2005 Received phone call from Greg Thompson of CA BLM Marino Valley District Office (over field offices). Wants more specific information.
- 4/15/2005 Received email from Stephen Fusilier of Yuma Field Office of BLM with their concerns.
- 4/18/2005 Received email from Amanda Dodson a Geologist from the Lake Havasu Field Office of BLM asking for more specific location information for the quarries in their purview.
- 4/19/2005 Received letter from AZ SHPO.
- 4/22/2005 Memorandum from Reclamation to BLM Re: their interest in participating as a cooperating agency.
- 4/26/2005 Received copy of email from Steve Fusilier to Jennifer Green, Aaron Curtis, and Jim Grace Re: providing information to Kim Garvey with hiking/biking trail information.
- 4/29/2005 Received phone call from Aaron Curtis of Yuma Field Office of BLM requesting more information about Laguna Dam East Quarry. Kim Garvey called him back on 4/5/2005 to clarify issues. He is going to send me a copy of their "new" Land Use Planning Handbook. I am going to send him updated location information when that is ready.
- 5/3/2005 Received email from Fred Wong – be sure to include Rosy Boa, Chuckwalla, and Gila Monster in EA analysis. Include *Petalonyx linearis* (long-leafed sandpaper plant) for the Laguna area.
- 5/5/2005 Received email from Aaron Curtis providing information on BLM Recreation Land Use Planning Guidance and Recreation Opportunities Spectrum (ROS).
- 5/6/2005 Received 2 emails from Jennifer Green of Yuma Field Office of BLM stating concerns about Quarry Operations and haul speed.

5/6/2005 Sent email to: [Jill\\_Miller-Allert@blm.gov](mailto:Jill_Miller-Allert@blm.gov)  
[Patricia\\_A\\_Taylor@blm.gov](mailto:Patricia_A_Taylor@blm.gov) [Sarah\\_C\\_Murray@blm.gov](mailto:Sarah_C_Murray@blm.gov)  
[AaronCurtis@blm.gov](mailto:AaronCurtis@blm.gov) [Amanda\\_Dodson@blm.gov](mailto:Amanda_Dodson@blm.gov)  
[cvnguyen@dfg.ca.gov](mailto:cvnguyen@dfg.ca.gov) [gary\\_taylor@blm.gov](mailto:gary_taylor@blm.gov)  
[George\\_Meckfessel@ca.blm.gov](mailto:George_Meckfessel@ca.blm.gov) [greg\\_hill@blm.gov](mailto:greg_hill@blm.gov)  
[Gregory\\_Thomsen@ca.blm.gov](mailto:Gregory_Thomsen@ca.blm.gov) [Jennifer\\_Green@blm.gov](mailto:Jennifer_Green@blm.gov)  
[lynda\\_kastoll@blm.gov](mailto:lynda_kastoll@blm.gov) [Paul\\_Buff@blm.gov](mailto:Paul_Buff@blm.gov)  
[Stephen\\_Fusilier@blm.gov](mailto:Stephen_Fusilier@blm.gov) [TElsherif@land.az.gov](mailto:TElsherif@land.az.gov)  
[Winfred\\_Wong@blm.gov](mailto:Winfred_Wong@blm.gov)

Email included more specific location information as well as ownership information.

5/6/2005 Received email from Jill Miller-Allert Wilderness Coordinator for the Lake Havasu field office of BLM. Had comments about Manchester and Section 7.

5/13/2005 Received CD of GIS information for routes of travel and wilderness from Alicia Rabas, wildlife biologist, Needles Field Office of BLM.

5/24/2005 Response from BLM California Desert District indicating their interest in becoming a cooperating agency.

6/13/2005 Response from BLM Kingman Field Office indicating their interest in becoming a cooperating agency.

# ENV-9.00 - Environmental Assessment

7-1596B (9-89)  
Bureau of Reclamation

OFFICIAL FILE COPY		
DATE	SURNAME	CODE
3/4	DAW	7001
	KLG	7210
3/7	RW	7210
3/8	JB	7200
3/9	AAH	7000
Classification		
Project		
Control No. 5000792		
Folder I.D. 3884		

MAR 10 2005

YAO-7210

X ENV-7.00

Subject: Issue Scoping Request for Quarries Utilized by the Bureau of Reclamation

Dear Agency or Organization:

This letter is to inform you that the Bureau of Reclamation (Reclamation) Yuma Area Office is in the process of developing a Programmatic Environmental Assessment (EA) for quarry operations along the lower Colorado River. These activities are authorized under the Colorado River Front Work and Levee System which was authorized by the Acts of March 3, 1925 (43 Stat. 1186, 1198), January 21, 1927 (44 Stat. 1010, 1021), July 1, 1940 (54 Stat. 708), and the Act of June 28, 1946 (60 Stat. 338), Public Law 79-469, as amended by the Act of May 1, 1958 (72 Stat. 101). Pursuant to Sec. 1501.7 of the National Environmental Policy Act (NEPA), Reclamation requests any comments you may have in determining the scope of issues to be addressed and identifying significant issues related to this project.

Reclamation is responsible for managing 276 river miles of the Colorado River from the Southerly International Boundary with Mexico to Davis Dam. Quarries are leased from other land management agencies (state and Federal) or are located on Reclamation withdrawn or acquired lands. Access roads also need to be permitted and are located on Federal, state, tribal or private land. Rock and gravel from quarries is used extensively in various Reclamation construction and erosion control projects on the Colorado River, including levee maintenance, bankline armoring, jetty construction and other actions. The need for quarried materials is to provide riprap for placement along the riverbank of the Colorado River to stabilize the bank, reduce sediment in the river and armor the levees. Riprap materials are quarried and stockpiled at existing strategic locations adjacent to the Colorado River prior to Reclamation's necessary maintenance work. Quarry operations may include building access roads, scaling rock faces, blasting (explosives) to produce working benches and materials (e.g. rock), grading and screening of rock, stockpiling rock and trucking rock to stockpile sites over existing county, state and Federal roads.

As part of Reclamation's planning process and in consideration of land use changes or new information, we are reexamining potential impacts and obtaining necessary consultation to continue the use of existing quarries along the lower Colorado River through the year 2020. Reclamation has identified 24 quarry locations that can supply the needed material in order to fulfill our maintenance requirements along the river. Not all the proposed quarries will be used and the use of any quarry will be directly dependent on its proximity to the location of the necessary bankline work. Preparation of this Programmatic EA will provide a broad-based guide for environmental characteristics, constraints and requirements for future use of quarries. It is not intended to fulfill all environmental requirements for future activities at specific quarries. Rather, specific future proposed activities at individual quarries will be subject to specific NEPA and other environmental planning and regulatory requirements prior to such activities being conducted. It is anticipated that such future planning and regulatory documents will be tiered to this Programmatic EA as appropriate.

As part of our EA process, Reclamation is inviting agencies and other individuals/entities that have an interest in these operations to provide comments to us to help identify issues to address in the EA. Enclosed are copies of the quarry site list and map.

If you have any questions or comments regarding this letter or would like to be placed on the mailing list for this project or for a specific quarry site should the need arise, please call or email Ms. Kimberly Garvey at 928-343-8227, [kgarvey@lc.usbr.gov](mailto:kgarvey@lc.usbr.gov) or Mr. Rex Wahl at 928-343-8237, [rwahl@lc.usbr.gov](mailto:rwahl@lc.usbr.gov).

Although comments are accepted throughout the NEPA process, we encourage comments specific to this scoping letter by April 15, 2005.

Sincerely,

**CYNTHIA HOEFT**

Cynthia Hoeft, Director  
Resource Management Office

Enclosures - 2  
Quarry List  
Quarry Location Map

7000

7001

7120 (Pinnell)

7210 (Wahl w/encl)

7200

7300 (Simes)

KGarvey:dfw:02/14/05

Rewrite:KGarvey:dfw:02/28/05

Dir:7000\Garvey\7210-02.001

Identical letter sent to persons on following pages.

AK-CHIN INDIAN COMMUNITY  
42507 WEST PETERS AND NALL ROAD  
MARICOPA AZ 85239

ARIZONA DEPARTMENT OF AGRICULTURE  
1688 WEST ADAMS  
PHOENIX AZ 85007

ADEQ  
1110 WEST WASHINGTON STREET  
PHOENIX AZ 85007

AZ DEPT OF TRANSPORTATION  
YUMA DISTRICT OFFICE  
2243 GILA RIDGE ROAD  
YUMA AZ 85365

ARIZONA GAME AND FISH DEPARTMENT  
KINGMAN DISTRICT OFFICE  
5325 N. STOCKTON HILL RD.  
KINGMAN AZ 86401

ARIZONA GAME AND FISH DEPARTMENT  
9140 EAST 28TH STREET  
YUMA AZ 85364

AZ STATE HISTORIC PRESERVATION  
OFFICE  
1300 WEST WASHINGTON STREET  
PHOENIX AZ 85007

ARIZONA STATE LAND DEPARTMENT  
1616 WEST ADAMS STREET  
PHOENIX AZ 85007

BILL WILLIAMS RIVER NWR  
60911 HIGHWAY 95  
PARKER AZ 85344

BUREAU OF INDIAN AFFAIRS  
WESTERN REGIONAL OFFICE  
PO BOX 10  
PHOENIX AZ 85001

BUREAU OF LAND MANAGEMENT  
ARIZONA STATE OFFICE  
222 NORTH CENTRAL AVENUE  
PHOENIX AZ 85004

BUREAU OF LAND MANAGEMENT  
CALIFORNIA DESERT DISTRICT  
22835 CALLE SAN JUAN DE LOS LAGO.  
MORENO VALLEY CA 92553

BUREAU OF LAND MANAGEMENT  
EL CENTRO FIELD OFFICE  
1661 SOUTH FOURTH STREET  
EL CENTRO CA 92243

BUREAU OF LAND MANAGEMENT  
KINGMAN FIELD OFFICE  
2755 MISSION BOULEVARD  
KINGMAN AZ 86401

BUREAU OF LAND MANAGEMENT  
LAKE HAVASU FIELD OFFICE  
2610 SWEETWATER AVENUE  
LAKE HAVASU CITY AZ 86406

BUREAU OF LAND MANAGEMENT  
NEEDLES FIELD OFFICE  
101 WEST SPIKES ROAD  
NEEDLES CA 92363

BUREAU OF LAND MANAGEMENT  
PALM SPRINGS/SOUTH COAST FIELD  
OFFICE  
690 W. GARNET AVE  
N PALM SPRINGS CA 92258-1260

BUREAU OF LAND MANAGEMENT  
PHOENIX FIELD OFFICE  
21605 NORTH 7TH AVENUE  
PHOENIX AZ 85027

BUREAU OF LAND MANAGEMENT  
YUMA FIELD OFFICE  
2555 EAST GILA RIDGE ROAD  
YUMA AZ 85365

CA DEPARTMENT OF FISH AND GAME  
EASTERN SIERRA AND INLAND  
DESERTS REGION  
3602 INLAND EMPIRE BLVD STE C-220  
ONTARIO CA 91764

CA DEPARTMENT OF FISH AND GAME  
HEADQUARTERS  
1416 NINTH STREET  
SACRAMENTO CA 95814

CA DEPARTMENT OF TRANSPORTATION  
HEADQUARTERS  
PO BOX 942873  
SACRAMENTO CA 94273

CA DEPARTMENT OF TRANSPORTATION  
DISTRICT 8 (SAN BERNARDINO &  
RIVERSIDE)  
464 W 4TH ST  
SAN BERNARDINO CA 92402

CA DEPARTMENT OF TRANSPORTATION  
DISTRICT 11 (SAN DIEGO &  
IMPERIAL)  
PO BOX 85406  
SAN DIEGO CA 92186-5406

CAMPO BAND OF KUMEYAAY  
36190 CHURCH ROAD  
SUITE 1  
CAMPO CA 91906

CHEMEHUEVI INDIAN TRIBE  
PO BOX 1976  
HAVASU LAKE CA 92363

CIBOLA NATIONAL WILDLIFE REFUGE  
ROUTE 2, BOX 138  
CIBOLA AZ 85328

CITY OF BLYTHE  
235 NORTH BROADWAY  
BLYTHE CA 92225

CITY OF BULLHEAD CITY  
1255 MARINA BOULEVARD  
BULLHEAD CITY AZ 86442

CITY OF EARP  
PUBLIC WORKS DEPARTMENT  
825 E. 3RD ST  
SAN BERNARDINO CA 92415

CITY OF EHRENBERG  
CHAMBER OF COMMERCE  
PO BOX 800  
EHRENBERG AZ 85334

CLARK CO REGIONAL GOV'T CENTER  
101 CIVIC WAY  
LAUGHLIN NV 89029

CITY OF NEEDLES  
817 3RD ST.  
NEEDLES CA 92363

CITY OF PALO VERDE  
PLANNING DEPARTMENT  
801 MAIN ST  
EL CENTRO CA 92243

CITY OF RIPLEY  
COMMUNITY SERVICE DISTRICT OFFICE  
24501 SCHOOL RD  
RIPLEY CA 92225

CITY OF TOPOCK  
PUBLIC WORKS DEPARTMENT  
PO BOX 7000  
KINGMAN AZ 86401

COCOPA INDIAN TRIBE  
COUNTY 15 AND AVENUE G  
SOMERTON AZ 85350

COLORADO RIVER INDIAN TRIBAL  
COUNCIL  
ROUTE 1, BOX 23-B  
PARKER AZ 85344

COMMUNITY PLANNING AND LIAISON  
OFFICE  
MCAS-YUMA  
BOX 99106  
YUMA AZ 85369-9106

COUNTY OF IMPERIAL  
940 MAIN ST.  
EL CENTRO CA 92243

COUNTY OF MOHAVE  
809 EAST BEARE ST.  
PO BOX 7000  
KINGMAN AZ 86402

COUNTY OF RIVERSIDE  
4080 LEMON ST., 4TH FLOOR  
RIVERSIDE CA 92501

COUNTY OF SAN BERNARDINO  
385 NORTH ARROWHEAD AVENUE  
SAN BERNARDINO CA 92415

FORT MCDOWELL YAVAPAI NATION  
PO BOX 17779  
FOUNTAIN HILLS AZ 85269

FORT MOJAVE INDIAN TRIBE  
500 MERRIMAN AVENUE  
NEEDLES CA 92363

FORT YUMA QUECHAN INDIAN TRIBE  
PO BOX 1899  
YUMA AZ 85366

GILA RIVER INDIAN COMMUNITY  
PO BOX 2140  
SACATON AZ 85247

HAVASU NATIONAL WILDLIFE REFUGE  
PO BOX 3009  
NEEDLES CA 92363

HIA C'ED O'ODHAM ALLIANCE  
4739 WEST HAYWARD  
GLENDALE AZ 85301

HOPI TRIBE OF ARIZONA  
PO BOX 123  
KYKOTSMOVI AZ 86036

HUALAPAI TRIBE  
PO BOX 179  
PEACH SPRINGS AZ 86434

IMPERIAL NATIONAL WILDLIFE REFUGE  
PO BOX 72217  
MARTINEZ LAKE AZ 85365

KAIBAB-PAIUTE TRIBE  
HC-65 BOX 2  
FREDONIA AZ 86022

KOFA NATIONAL WILDLIFE REFUGE  
356 WEST 1ST STREET  
YUMA AZ 85364

LA PAZ COUNTY  
1112 JOSHUA AVENUE  
SUITE 202  
PARKER AZ 85344

LA PAZ COUNTY COMMUNITY  
DEVELOPMENT  
1112 JOSHUA AVENUE  
SUITE 202  
PARKER AZ 85344

LAKE HAVASU CITY  
2330 MCCULLOCH BLVD NORTH  
LAKE HAVASU CITY AZ 86403

NAVAJO NATION  
PO BOX 9000  
WINDOW ROCK AZ 86515

PASCUA YAQUI TRIBE  
7474 SOUTH CAMINO DE OESTE  
TUCSON AZ 85746

SALT RIVER PIMA-MARICOPA  
INDIAN COMMUNITY  
10005 EAST OSBORN ROAD  
SCOTTSDALE AZ 85256

SAN CARLOS APACHE TRIBE  
PO BOX 0  
SAN CARLOS AZ 85550

TOHONO O'ODHAM NATION  
CULTURAL PRESERVATION COMMITTEE  
PO BOX 837  
SELLS AZ 85634

TOWN OF PARKER  
1314 11TH ST.  
PARKER AZ 85344

U.S. EPA  
REGION IX  
75 HAWTHORNE STREET  
SAN FRANCISCO CA 94105

U.S. FISH AND WILDLIFE SERVICE  
CARLSBAD FISH & WILDLIFE OFFICE  
6010 HIDDEN VALLEY ROAD  
CARLSBAD CA 92009

U.S. FISH AND WILDLIFE SERVICE  
PHOENIX FISH & WILDLIFE OFFICE  
2321 W ROYAL PALM ROAD STE 103  
PHOENIX AZ 85021

U.S. FISH AND WILDLIFE SERVICE  
VENTURA FISH & WILDLIFE OFFICE  
2493 PORTOLA ROAD, SUITE B  
VENTURA CA 93003

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
520 N. PARK AVENUE, SUITE 221  
TUCSON AZ 85719

USGS WESTERN REGION OFFICES  
MENLO PARK CAMPUS, BLDG. 3  
345 MIDDLEFIELD ROAD  
MENLO PARK CA 94025

WELLTON-MOHAWK NATURAL RESOURCES  
CONSERVATION SERVICE  
5578 SOUTH AVENUE 37 EAST  
ROLL AZ 85347

YAVAPAI-APACHE NATION  
2400 WEST DATSI STREET  
CAMP VERDE AZ 86322

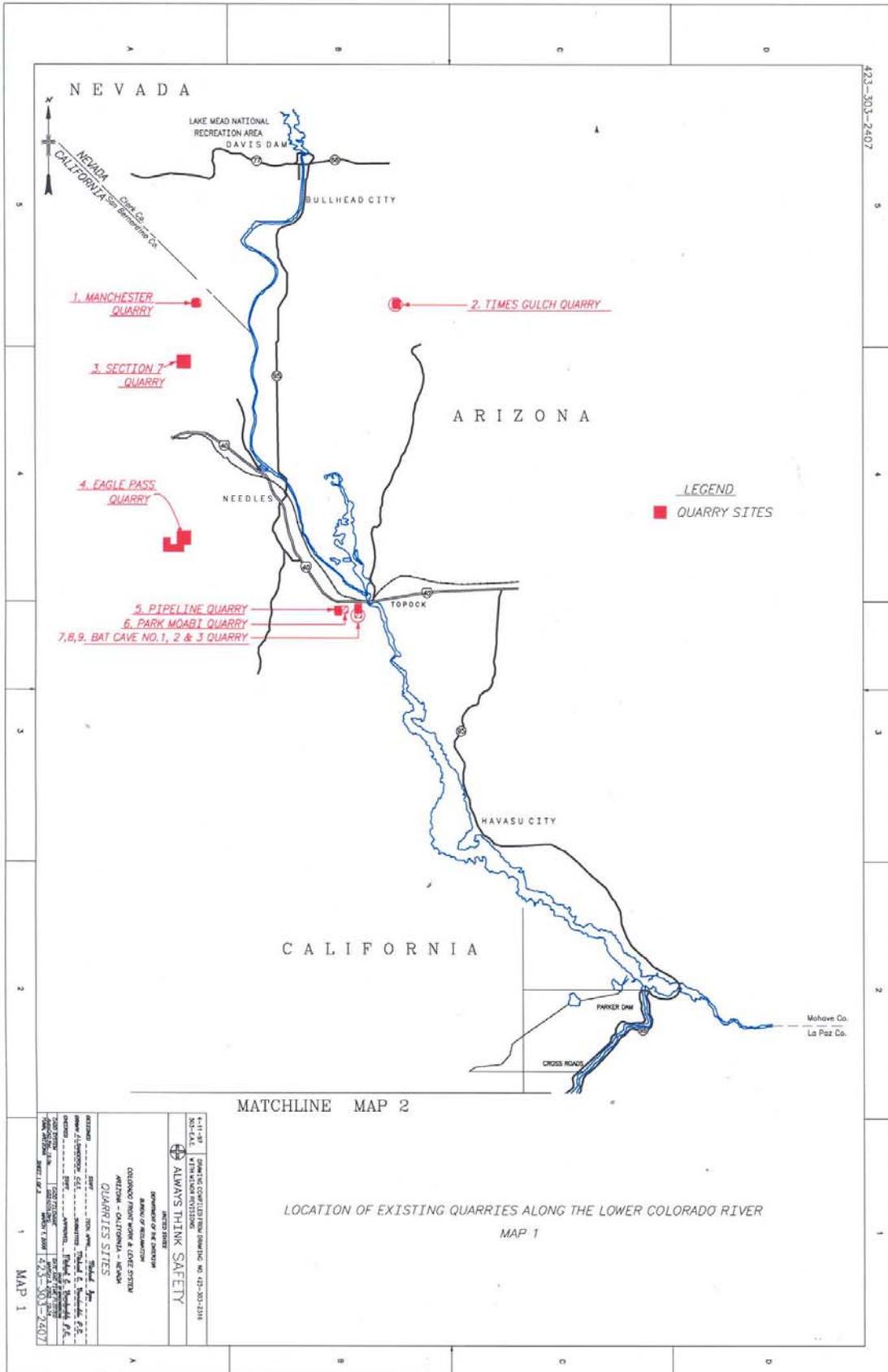
YAVAPAI-PRESCOTT INDIAN TRIBE  
530 EAST MERRITT STREET  
PRESCOTT AZ 86301

YUMA COUNTY  
198 SOUTH MAIN STREET  
YUMA AZ 85364

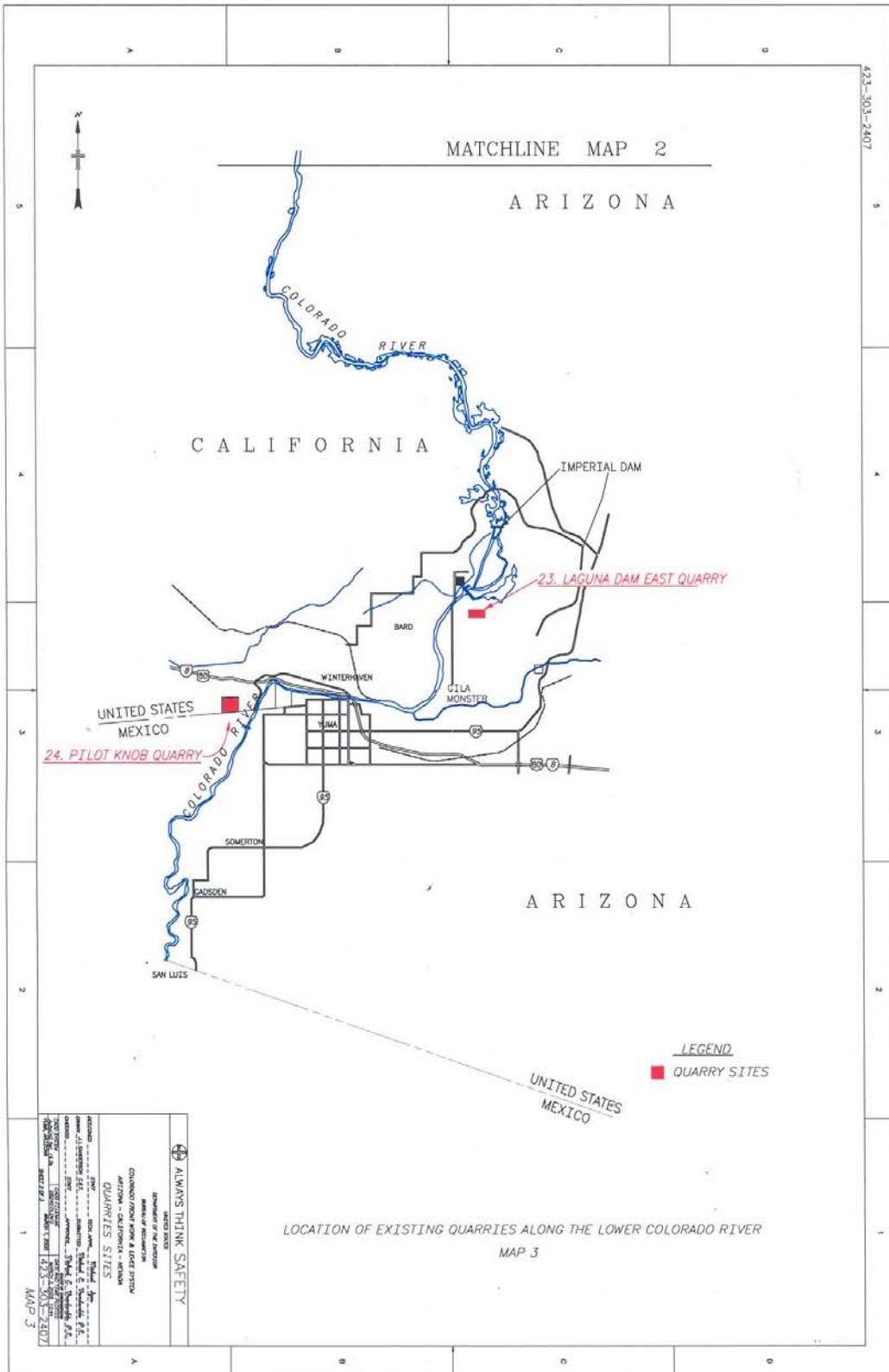
YUMA COUNTY PLANNING AND ZONING  
DIVISION  
2703 SOUTH AVENUE B  
YUMA AZ 85364

## Quarry Site List

Map Number	Quarry	Location-Township, Range & Section	Location – Quad Name
1	Manchester Road	T. 11 N., R. 21 E., sec. 16, sec. 15	Mt. Manchester
2	Times Gulch Road	T. 19 N., R. 20 W., sec. 18	Datman
3	Section 7 Road	T. 10 N., R. 22 E., sec. 7	Needles NW
4	Eagle Pass Road	T. 8 N., R. 22 E. sec. 18	Needles SW
5	Pipeline Road	T. 7 N., R. 23 E., sec. 12	Whale Mtn.
6	Park Moabi Road	T. 7 N., R. 24 E., sec. 7	Whale Mtn.
7	Bat Cave No. 1 Road	T. 7 N., R. 24 E., sec. 8	Topock
8	Bat Cave No. 2	T. 7 N., R. 24 E., sec. 17	Topock
9	Bat Cave No. 3 Road	T. 7 N., R. 24 E., sec. 17	Topock
10	Vidal Junction	T. 1 N., R. 24 E., sec. 19, sec. 30	Parker NW
11	Agnes-Wilson Road	T. 1 S., R. 24 E., sec. 31	Parker SW
12	Quien Sabe West	T. 3 S., R. 23 E., sec. 21	Big Maria Mtns. NE
13	Palo Verde Dam (PVID)	T. 5 S., R. 24 E., sec. 19, sec. 18	Blythe NE
14	La Paz East Road	T. 4 N., R. 21 W., sec. 22	La Paz Mtn.
15	La Paz West Road	T. 4 N., R. 21 W., sec. 21	La Paz Mtn.
16	Ehrenberg Road	T. 4 N., R. 21 W., sec. 34, sec. 35	La Paz Mtn.
17	Ripley	T. 8 S., R. 21 E., sec. 4, sec. 9	McCoy Spring
18	Trigo Wash Road	T. 2 N., R. 21 W., sec 19	Dome Rock Mtns. SW and Trigo Peak
19	Palo Verde Road	T. 10 S., R. 21 E., sec. 1	Cibola SE
20	Hart Mine No. 2 Road	T. 2 S., R. 23 W., sec. 2	Cibola SE
21	Cibola (Hart Mine No. 1)	T. 1 S., R. 23 W., sec. 34, sec. 35	Cibola SE
22	Paymaster	T. 11 S., R. 21 E., sec. 14	Picacho NW
23	Laguna Dam East Road	T. 7 S., R. 22 W., sec. 23, sec. 14	Laguna Dam
24	Pilot Knob Road	T. 16 S., R. 21 E., sec. 27, sec. 34	Yuma West









ENV-7.00

Yuma County, Arizona  
DEPARTMENT OF DEVELOPMENT SERVICES

2703 S. Avenue B • Yuma, Arizona 85364

Harold Aldrich  
Director

(928) 329-2300

FAX (928) 726-5626

OFFICIAL FILE COPY - YAO

RECEIVED  
MAR 22 2005

ACTION CODE

REPLY DATE

DATE ACTION TAKEN

DATE	INITIALS	CODE
		7000
		7100
		7200
		7300

March 16, 2005

Cynthia Hoeft,  
Resource Management Director  
United States Bureau of Reclamation  
7301 Calle Agua Salada  
Yuma, AZ 85364

Re: Issue Scoping Request for Quarries dated March 10, 2005

Dear Ms. Hoeft,

Yuma County has reviewed your request for possible issues related to Bureau of Reclamation quarry activities along the Colorado River. Of the quarries identified, only the Laguna Dam East Road Quarry is within or impacts the county. The possible issues related to the Laguna Dam East Road Quarry are:

1. Use of County Highway System – County roads would likely be used to access the quarry site. Possible impacts to county roads due to increased hauling would need to be mitigated.
2. PM10 Non-Air Attainment Area – The quarry and likely haul routes are within the PM10 Non-Air Attainment Area. Refer to Arizona Department of Environmental Quality Implementation Plan for possible requirements.

We appreciate having this opportunity to comment on this activity. Please continue to update us on the progress of this project. If you need further information, please contact us.

Sincerely,

Craig L. Sellers, P.E.  
Sr. Civil Engineer

Verification: 5000617

File No: 1937

**From:** "Pat Wall" <patwall@co.la-paz.az.us>  
**To:** <kgarvey@lc.usbr.gov>  
**Date:** Tuesday, March 22, 2005 15:31:13  
**Subject:** YAO-7210 ENV-7.00

RE: U.S.D.I./BRM letter Re: Environmental Assessment/Quarrying for River Rip-Rap

In response to your letter of March 10, 2005, our only identified problem is dust from trucks transporting the rocks to the riverbanks.

Mitigation suggested would be the use of road sprinkler trucks in residential areas and on roads with significant traffic.

Patricia L. Wall

La Paz County Community Development Department

**CC:** <dhale@co.la-paz.az.us>

**From:** "Canh Nguyen" <cvnguyen@dfg.ca.gov>  
**To:** <kgarvey@lc.usbr.gov>, <rwahl@lc.usbr.gov>  
**Date:** Wednesday, March 30, 2005 10:15:01  
**Subject:** Quarries utilized by the BOR

Hi Kimberly and Rex...

Could you place me on the mailing list for this project? CDFG would appreciate the opportunity to comment on the Programmatic EA as it pertains to the quarries in California.

Thank you.

Canh Nguyen- Environmental Scientist  
California Department of Fish and Game  
P.O. Box 2160  
Blythe, CA 92226  
phone: 760.921.2974 fax:760.922.5638

**CC:** "Chris Hayes" <CHAYES@dfg.ca.gov>

**From:** Kimberly Garvey  
**To:** cvnguyen@dfg.ca.gov  
**Date:** Friday, April 01, 2005 12:16:58  
**Subject:** Your request - Quarries

Canh,

Below is the general statement of what takes place during quarry operations. We are only doing programmatic analysis at this time - individual quarries will be permitted on an as needed basis. If you have any other questions or would like to discuss this further please call or email. Through the agency scoping process, Reclamation is trying to identify issues as early in the process as possible.

Thanks for your input and Happy Friday!

**Quarry Operations:**

Work would be accomplished by a Reclamation contractor under an existing or future Indefinite Quantity Indefinite Delivery (IDIQ) or Requirements type contracts. The Contractor would be issued a Delivery Order detailing the amount and types of material required and the final delivery point, including any additional environmental restrictions. Under the contract requirements, the contractor would also be responsible for obtaining the Storm Water Pollution Prevention Plan (SWPPP) and submitting the Notice of Intent (NOI) to the Environmental Protection Agency (EPA). Copies of the approved permits and forms will be submitted to the appropriate state governing agency.

Quarry operation consists of blasting as necessary to produce working benches and working materials for the mechanically operated grizzlies and screening plant. Blasting will be done in accordance with Reclamation's "Reclamation Safety and Health Standards" and the Federal Mine Safety and Health Act (MSHA) of 1997, Title 30, Chapter 1. The MSHA standards will apply to all rock quarry, sand, gravel, and crushed stone operations.

During the quarry operation, the height of the working face may exceed 40 feet. However, at the end of an individual delivery order, the final elevations of successive benches will not exceed 40-foot vertical difference and will have a back slope of 3 to 1 or a slope to match any existing prominent rock joint.

The existing rock faces of the quarry will be scaled (as defined by 30 CFR, Part 56, paragraph 56.2, Definitions) prior to beginning of any quarrying operations. Quarry faces will be scaled as necessary during the operation of the quarry to eliminate danger during the progress of the work at the quarry site.

Access roads will be built within the confines of the quarry and to the benches as required for the operation of the quarry. After completion of the delivery order, all worked rock faces shall be scaled and all access roads shall be blocked with oversize rock or fence as needed.

Oversize rock that is produced during the blasting operation will generally be reduced to the designated riprap size and used in stockpiles in accordance

with Reclamation's delivery orders and associated specifications. Undersized materials and fines will be graded and screened to produce gravel base materials.

Materials not meeting Reclamation's standards and specifications and any stripped materials shall be disposed of in and around the existing quarry site. Excess sub-standard materials shall be graded to a generally uniform surface to blend in with the adjacent ground surfaces.

Surplus material produced during the quarry and processing operation and meeting Reclamation standards and specifications may be stockpiled on the quarry floor until needed. Stockpiles will be separated by types of materials produced (i.e. riprap, gravel base, or 1 to 4-inch material). Material will be relocated to the associated stockpile sites or banklines on an as need basis.

The following is a list of equipment that may be utilized during quarry operations:

- Mechanically operated grizzly and screening plant
- Two or three rubber-tired front end loaders
- Rock Crusher
- Dozer (1 or 2)
- Blade (For maintaining access and haul roads)
- Water Truck (For maintaining access and haul roads)
- Six to twelve haul trucks minimum, depending on the size of the vehicles and the distance to where the rock is being stockpiled or placed on the bankline
- A compressor and air drill
- A certified platform scale
- Backhoe with ram attachment
- Service Truck

Kimberly L. Garvey  
Natural Resource Specialist  
Reclamation - Yuma Area Office  
7301 Calle Agua Salada  
Yuma, AZ 85364  
ph: 928.343.8227  
fax: 928.343.8320

**CC:** Kimberly GARVEY

ENV-700 - Environmental Assessment



United States Department of the Interior

U.S. Fish and Wildlife Service  
Arizona Ecological Services Field Office  
2321 West Royal Palm Road, Suite 103  
Phoenix, Arizona 85021-4951  
Telephone: (602) 242-0210 Fax: (602) 242-2513

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Key No. 3886		

In Reply Refer to:  
AESO/SE

March 31, 2005

Memorandum

To: Director, Resource Management Office, Yuma Area Office, Bureau of Reclamation, Yuma, Arizona

From: Field Supervisor

Subject: Comments on Scoping Request for Quarries Utilized by Bureau of Reclamation, Arizona and California

ENV-700

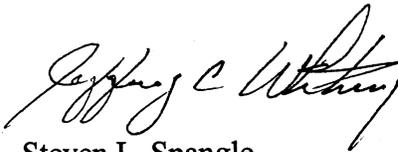
This responds to your memorandum of March 1, 2005, requesting comments from the Fish and Wildlife Service (FWS) on quarry operations related to Bureau of Reclamation's (Reclamation's) management actions on the lower Colorado River under the Colorado River Front Work and Levee System (CRFWLS). We have the following comments for your consideration during the scoping process.

Eight of the 24 quarry sites listed in your memorandum are existing quarries that are covered by a biological opinion (02-21-96-F-0226) through December 31, 2005. Your office has requested us to extend the term of this existing biological opinion until December 31, 2016. It is unclear if the other quarry sites identified in your memorandum currently exist but have not been used since 1996, or if they represent new development to address needs through 2020. The relationship between the Environmental Assessment that will be developed for the 24 quarries and the existing biological opinion on the operation of eight quarries should be discussed. We are concerned that the request for the extension for the eight quarries does not reflect the full intent of Reclamation regarding the need for quarries in the next 10 years. If these two actions are not evaluated together, the magnitude of the effects, including cumulative effects, may be difficult to assess.

The existing biological opinion provides a basis for issues that should be addressed in the Environmental Assessment:

1. Effects to the threatened desert tortoise (*Gopherus agassizii*) in California. The assessment should also consider the status of the tortoise in Arizona, as a special status species not listed under the Endangered Species Act but of concern within the State.
2. Types of operations needed; as in those that would be implemented on relatively flat sites versus those on steep cliffs. The differences in noise, dust, and needed operational areas between the various operational plans should be considered.

Thank you for your efforts to conserve listed species. If there are questions concerning this consultation, please contact Jeff Whitney (602) 242-0210 (x204) or Lesley Fitzpatrick (x236).

  
SL Steven L. Spangle

cc: Field Supervisor, Carlsbad Field Office, Fish and Wildlife Service, Carlsbad, CA  
Regional Director, Bureau of Reclamation, Boulder City, NV (LC-2400)

W:\Lesley Fitzpatrick\USBR Quarries 1.doc:cgg

ENV-9.00-Environmental  
Assessment



**Salt River Pima-Maricopa Indian Community**  
**Community Development Department**  
**Cultural & Environmental Services**

March 18, 2005

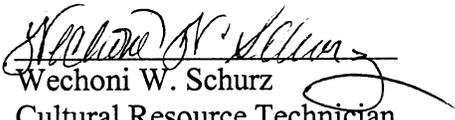
Cynthia Hoeft  
Director of Resource Management Office  
Bureau of Reclamation  
7301 Calle Agua Salada  
Yuma, Arizona 85364

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3886		

Dear Ms. Hoeft

The Salt River Pima-Maricopa Indian Community is in receipt of your letter, dated March 10, 2005, regarding the Environmental Assessment for Quarry Operations along the Lower Colorado River. This project is within our ancestral territory, but through an agreement with the Four Southern Tribes (Salt River Pima-Maricopa Indian Community; Gila River Indian Community; Ak Chin Indian Community; and the Tohono O'odham Nation), we defer all consultation to the Colorado River Indian Tribe. Thank you for providing us the opportunity to comment on this project. We look forward to consulting and commenting on future Bureau of Reclamation projects, pursuant to Section 106.

Sincerely,

  
Wechoni W. Schurz  
Cultural Resource Technician  
Salt River Pima-Maricopa Indian Community

**From:** "Tafida Elsherif" <TElsherif@land.az.gov>  
**To:** <kgarvey@lc.usbr.gov>, <rwahl@lc.usbr.gov>  
**Date:** Friday, April 08, 2005 10:15:39  
**Subject:** Re: Issues Scoping Request for Quarries Utilized by the Bureau of Reclamation

We received your letter regarding the process of developing Environmental Assessment for Quarry operations along Colorado River. Please place me on the mailing list for this project and provide us in details with these activities for the impacts on the Arizona side along 276 river miles of the Colorado River from the International Boundary to Davis Dam.

Thank you for your cooperation, looking forward to hear from you soon.

Tafida Elsherif

Tafida Elsherif  
Colorado River Project Manager  
Engineering Section  
Arizona State Land Department  
1616 W. Adams St.,  
Phoenix, AZ 85007  
Voice : (602) 542-2679  
Fax : (602) 364-0272  
E-mail : telsherif@land.az.gov

**CC:** "V. Ottozawa Chatupron" <OChatupron@land.az.gov>

**From:** <Stephen\_Fusilier@blm.gov>  
**To:** <kgarvey@lc.usbr.gov>, <rwahl@lc.usbr.gov>  
**Date:** Friday, April 15, 2005 16:53:48  
**Subject:** Scoping Issues for the Programmatic EA for Quarry Operations

Kim and Rex,,

You will find listed below some of our concerns we would like addressed in the EA. I have not received anything from my wildlife biologist or archeologist and they are out of the office today. I will try to get any comments they have on Monday.

One general comment - If the EA could possibly address the ability for the BLM to obtain small quantities of material from the same sites on an as needed type basis (of course we would not interfere with your operations and our needs are usually very limited) We need material every now and then and once or twice I seem to remember some tension between our two agencies on this matter.

13. Palo Verde Dam - Possible desert tortoise habitat
14. La Paz East Road - This land is proposed for transfer to the Colorado River Indian Tribe through congressional legislation
15. La Paz West Road - This land is proposed for transfer to the Colorado River Indian Tribe through congressional legislation
16. Ehrenberg Road - This land is proposed for transfer to the Colorado River Indian Tribe through congressional legislation
19. Palo Verde Road Quarry - Known cultural concerns related to the existing quarry and potential damage to Native American rock art on land adjacent to the site that according to comments when the North Baja Pipeline was built may have been caused by blasting at the quarry.
22. Paymaster Quarry - As part of the court case involving Walter's camp adjacent land owners have voice concerns about federally permitted actions which do/could damage cultural resources in the area. They had an archeologist prepare a report for them that shows 49 Native American sites/features in the area. You might want to be pro-active in dealing with this issue as one of the concerns mentioned by the adjacent landowners in the Walter's Camp lawsuit was the small rock quarry next to Walter's Camp.
23. Laguna Dam East Quarry - There are a number of hiking trails and mountain biking trails in the area. We have had concerns from the public that use the trails about the existing operations. Please address recreational concerns in your EA.
24. Pilot Knob Quarry - The known concerns about cultural issues

If you have any questions please give me a call.

Stephen L. Fusilier  
2555 E. Gila Ridge Road  
Yuma, AZ 85365  
(928) 317-3296

(928) 317-3250 Fax

**From:** <Amanda\_Dodson@blm.gov>  
**To:** <kgarvey@lc.usbr.gov>, <rwahl@lc.usbr.gov>  
**Date:** Monday, April 18, 2005 11:26:45  
**Subject:** Scoping Request for BOR Quarries

Kimberly and Rex-

Thank you for involving us in your scoping request. We may have some comments concerning the sites near Topock, specifically the Pipeline, Park Moabi, and Bat Cave No. 1, 2, and 3 Quarries. The map and legal descriptions did not provide sufficient detail for us to determine if there were any conflicts with other resources. Could you please provide us with a map of just the Topock area and/or more detailed legal descriptions for us to determine exactly where these quarries are? We will notify you of any concerns we may have as soon as we receive information further defining these areas. I apologize for the delay in getting this message to you. Please keep the BLM Lake Havasu Field Office on your mailing list for this project.

Amanda Dodson  
Geologist - Lake Havasu Field Office  
(928) 505-1218

**CC:** <Patricia\_A\_Taylor@blm.gov>, <Sarah\_C\_Murray@blm.gov>, <Jill\_Miller-Allert@blm.gov>



ENV-7.00

United States Department of the Interior

BUREAU OF RECLAMATION  
Yuma Area Office  
7301 Calle Agua Salada  
Yuma, Arizona 85364



RECEIVED

MAR 15 2005

3/15/05

ARIZONA STATE PARKS/S.N.P.S.

IN REPLY REFER TO:

YAO-7210  
ENV-7.00

MAR 10 2005

Subject: Issue Scoping Request for Quarries Utilized by Bureau of Reclamation

Dear Agency or Organization:

This letter is to inform you that the Bureau of Reclamation (Reclamation) Yuma Area Office is in the process of developing Programmatic Environmental Assessment (EA) for quarry operations along the lower Colorado River. These activities are authorized under the Colorado River Front Work and Levee System which was authorized by the Acts of March 3, 1925 (43 Stat. 1186, 1198), January 21, 1927 (44 Stat. 1010, 1021), July 1, 1940 (54 Stat. 708), and the Act of June 28, 1946 (60 Stat. 338), Public Law 79-469, as amended by the Act of May 1, 1958 (72 Stat. 101). Pursuant to Sec. 1501.7 of the National Environmental Policy Act (NEPA), Reclamation requests your comments you may have in determining the scope of issues to be addressed and identifying significant issues related to this project.

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Reclamation is responsible for managing 276 river miles of the Colorado River from the Southerly International Boundary with Mexico to Davis Dam. Quarries are leased from other land management agencies (state and Federal) or are located on Reclamation withdrawn or acquired lands. Access roads also need to be permitted and are located on Federal, state, tribal or private land. Rock and gravel from quarries is used extensively in various Reclamation construction and erosion control projects on the Colorado River, including levee maintenance, bankline armoring, jetty construction and other actions. The need for quarried materials is to provide riprap for placement along the riverbank of the Colorado River to stabilize the bank, reduce sediment in the river and armor the levees. Riprap materials are quarried and stockpiled at existing strategic locations adjacent to the Colorado River prior to Reclamation's necessary maintenance work. Quarry operations may include building access roads, scaling rock faces, blasting (explosives) to produce working benches and materials (e.g. rock), grading and screening of rock, stockpiling rock and trucking rock to stockpile sites over existing county, state and Federal roads.

As part of Reclamation's planning process and in consideration of land use changes or new information, we are reexamining potential impacts and obtaining necessary consultation to continue the use of existing quarries along the lower Colorado River through the year 2020. Reclamation has identified 24 quarry locations that can supply the needed material in order to fulfill our maintenance requirements along the river. Not all the proposed quarries will be used and the use of any quarry will be directly dependent on its proximity to the location of the necessary bankline work. Preparation of this Programmatic EA will provide a broad-based guide for environmental characteristics, constraints and requirements for future use of quarries. It is not intended to fulfill all environmental requirements for future activities at specific quarries. Rather, specific future proposed activities at individual quarries will be subject to specific NEPA and other environmental planning and regulatory requirements prior to such activities being conducted. It is anticipated that such future planning and regulatory documents will be tiered to this Programmatic EA as appropriate.

As part of our EA process, Reclamation is inviting agencies and other individuals/entities that have an interest in these operations to provide comments to us to help identify issues to address in the EA. Enclosed are copies of the quarry site list and map.

If you have any questions or comments regarding this letter or would like to be placed on the mailing list for this project or for a specific quarry site should the need arise, please call or email Ms. Kimberly Garvey at 928-343-8227, [kgarvey@lc.usbr.gov](mailto:kgarvey@lc.usbr.gov) or Mr. Rex Wahl at 928-343-8237, [rwahl@lc.usbr.gov](mailto:rwahl@lc.usbr.gov).

Although comments are accepted throughout the NEPA process, we encourage comments specific to this scoping letter by April 15, 2005.

Sincerely,

CYNTHIA HOEFT

Cynthia Hoeft, Director  
Resource Management Office

Enclosures - 2  
Quarry List  
Quarry Location Map

*April 8, 2005*

*The look forward to consulting pursuant to the requirements of section 106 of the National Historic Preservation Act and implementing regulations at 36 CFR 47.101*

*John Hedley for SHPO*

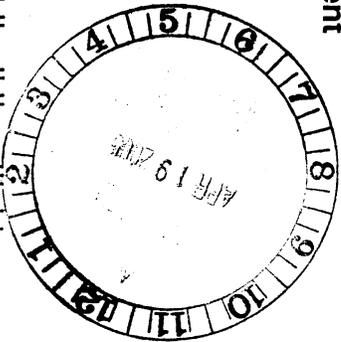


State Historic Preservation Office  
 Arizona State Parks  
 1300 W. Washington  
 Phoenix, Arizona 85007  
 www.pr.state.az.us

**Cynthia Hoeft**  
 Director, Resources Management  
 Bureau of Reclamation  
 Yuma Area Office  
 7301 Calle Agua Salada  
 Yuma, AZ 85364



and Conserving Natural, Cultural, and Recreational Resources



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ASSESSMENT

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4/21	RW	7200
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Project		
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YAO-7210  
ENV-7.00

APR 22 2005

MEMORANDUM

To: Mr. Wayne King, Acting District Manager, Bureau of Land Management, Colorado River District, 2610 Sweetwater Avenue, Lake Havasu City, AZ

Ms. Linda Hansen, District Manager, Bureau of Land Management, California Desert District Office, 22835 Calle San Juan De Los Lagos, Moreno Valley, CA 92553

**Cynthia Hoef**

From: Cynthia Hoef  
Director, Resource Management Office

Subject: Programmatic Environmental Assessment for Quarry Operations Along the Lower Colorado River

The Bureau of Reclamation (Reclamation) Yuma Area Office is in the process of developing a Programmatic Environmental Assessment (EA) for quarry operations along the lower Colorado River from Davis Dam south to the Southerly International Boundary. Pursuant to Sec. 1501.6 of the Council on Environmental Qualities Regulations for Implementing the National Environmental Policy Act (NEPA), Reclamation would like to invite your Bureau of Land Management (BLM) District Offices in Arizona and California to become Cooperating Agencies during the EA process.

Reclamation believes that an open and collaborative approach will facilitate a more comprehensive NEPA process as well as help identify issues and mitigation opportunities early in the process. BLM's cooperation and permitting is an integral part of quarry access and permitting for quarries necessary to accomplish Reclamation's required maintenance along the lower Colorado River.

Quarry activities are authorized under the Colorado River Front Work and Levee System which was authorized by the Acts of March 3, 1925 (43 Stat. 1186, 1198), January 21, 1927 (44 Stat. 1010, 1021), July 1, 1940 (54 Stat. 708), and the Act of June 28, 1946 (60 Stat. 338), Public Law 79-469, as amended by the Act of May 1, 1958 (72 Stat. 101). Reclamation initiated stakeholder scoping for this programmatic EA in March 2005. The scoping letter is attached.

We appreciate your attention to this matter and request a written response indicating your interest in participating as a Cooperating Agency by June 15, 2005. If you have any questions or concerns regarding this letter, please call or email Ms. Kimberly Garvey at 928-343-8227, [kgarvey@lc.usbr.gov](mailto:kgarvey@lc.usbr.gov), or Mr. Rex Wahl at 928-343-8237, [rwahl@lc.usbr.gov](mailto:rwahl@lc.usbr.gov).

Attachments - 3

Quarry Scoping Letter  
 Quarry List  
 Quarry Location Map

cc: State Director  
 Bureau of Land Management  
 Arizona State Office  
 222 North Central Avenue  
 Phoenix, AZ 85004  
 (w/att)

State Director  
 Bureau of Land Management  
 California State Office  
 2800 Cottage Way, Suite W-1834  
 Sacramento, CA 95825-1886  
 (w/att)

Bureau of Land Management  
 El Centro Field Office  
 1661 South Fourth Street  
 El Centro, CA 92243  
 (w/att)

Bureau of Land Management  
 Palm Springs Field Office  
 P.O. Box 581260  
 North Palm Springs, CA 92258-1260  
 (w/att)

Bureau of Land Management  
Needles Field Office  
101 West Spikes Road  
Needles, CA 92363  
(w/att)

Bureau of Land Management  
Yuma Field Office  
2555 East Gila Ridge Road  
Yuma, AZ 85365  
(w/att)

Bureau of Land Management  
Lake Havasu Field Office  
2610 Sweetwater Avenue  
Lake Havasu City, AZ 86406  
(w/att)

Bureau of Land Management  
Kingman Field Office  
2755 Mission Boulevard  
Kingman, AZ 86401  
(w/att)

7001  
7210 (w/att)

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Dir:7000\Garvey\7210-04.001

**From:** <Stephen\_Fusilier@blm.gov>  
**To:** <Jennifer\_Green@blm.gov>, <AaronCurtis@blm.gov>, <James\_R\_Grace@blm.gov>  
**Date:** Tuesday, April 26, 2005 13:25:19  
**Subject:** Biking and Hiking trails

Jennifer, Aaron, and Jim,

Please provide Kim Garvey with BR (email address in cc) any hiking/biking trail info (maps/shape files) for the Laguna Pit area and any other recreation concerns. Please cc: me anything you send to her. (Aaron and Jennifer, I put copies of the location info in your mail boxes.)

Stephen L. Fusilier  
2555 E. Gila Ridge Road  
Yuma, AZ 85365  
(928) 317-3296  
(928) 317-3250 Fax

**CC:** <kgarvey@lc.usbr.gov>, <rwahl@lc.usbr.gov>

**From:** <Winfred\_Wong@blm.gov>  
**To:** "Kimberly GARVEY" <KGARVEY@lc.usbr.gov>  
**Date:** Tuesday, May 03, 2005 11:44:12  
**Subject:** programmatic EA

I haven't seen the programmatic EA for the quarrys, but be sure to include Rosy Boa, Chuckwalla, Gila Monster in your analysis. If any quarries are going into the Big Marias, be sure to include Alversoni's Foxtail. If quarries will be in the lagunas, include petalonyx linearis (long-leaf sandpaper plant).

Fred

**CC:** "Rex Wahl" <RWAHL@lc.usbr.gov>, <Jeffrey\_Young@blm.gov>, <Karen\_Reichhardt@blm.gov>

**From:** <AaronCurtis@blm.gov>  
**To:** <KGARVEY@lc.usbr.gov>  
**Date:** Thursday, May 05, 2005 06:38:09  
**Subject:** New BLM Recreation Land Use Planning Guidance

Kim,

As we discussed on the phone today, this pdf file provides some guidance for Recreation Land Use Planning. The table in the file lists the "Natural Resource Recreation Settings", which is what we are now using as our Recreation Opportunity Spectrum (ROS) classes. This tool allows Recreation to be described as a much more tangible resource during NEPA analysis. For example, project areas can now be classified according to what type of recreation opportunities are currently in the Existing Environment (classes go from Primitive to Urban). Then, in the Environmental Impacts section of the NEPA document, the anticipated change in recreation opportunities can be disclosed to the public (e.g. Under the Proposed Action Alternative, the project area would provide Middle Country recreation opportunities. Under the No Action Alternative, the project area would continue to provide Back County recreation opportunities).

The criteria for classification listed in the attached table is pretty straight-forward - you classify the project area according to it's physical, social, and administrative characters, then take an average of those classes to come up with the overall "BLM Recreation Opportunity Spectrum Class". I would recommend documenting this process and including it in your NEPA projects' AR, and I probably should also verify the fact that you guys came up with the appropriate class since we're primarily in charge of managing recreation - if I have a map in front of me, this can probably just be done over the phone or email.

It's probably also important to note that these classifications are going to be applied throughout our entire field office for the new RMP. After the RMP has been signed, the classifications will, in theory, begin to work as management prescriptions. That's why its pretty good timing that you guys are proposing your programmatic EA now, because if we have ideas of where you'll be expanding your material pits, we can avoid overprescribing areas where recreation opportunities may be substantially altered.

(See attached file: ROS CLASSES.pdf)

Please get in touch if you have any questions and thanks for getting back to me so quickly.

Aaron  
317-3238

Recreation Management Zone

**NATURAL RESOURCE RECREATION SETTINGS**  
*Criteria for Classification and Prescriptions*

**PHYSICAL - LAND & FACILITIES:** character of the natural landscape

	Pristine		Transition		Back Country		Middle Country		Front Country		Rural		Urban	
<b>a. Remoteness:</b>	More than 10 mi. from any road	More than 3 mi. from any road	More than 1/2 mile from any kind of road, but not as distant as 3 miles, and no road is in sight	On or near four-wheel drive roads, but at least 1/2 mile from all improved roads, though they may be in sight	On or near improved country roads, but at least 1/2 mile from all highways	On or near primary highways, but still within a rural area	On or near primary highways, but still within a rural area	On or near primary highways, but still within a rural area	On or near primary highways, but still within a rural area	On or near primary highways, but still within a rural area	On or near primary highways, but still within a rural area	On or near primary highways, but still within a rural area	On or near primary highways, but still within a rural area	On or near primary highways, municipal streets, and roads within towns or cities
<b>b. Naturalness:</b>	Undisturbed natural landscape	None	Naturally-appearing landscape, having modifications no readily noticeable	Naturally-appearing landscape except for obvious primitive roads	Landscape partially modified by roads, utility lines, etc., but none overpower natural landscape features	Natural landscapes substantially modified by agriculture or industrial development	Natural landscapes substantially modified by agriculture or industrial development	Natural landscapes substantially modified by agriculture or industrial development	Natural landscapes substantially modified by agriculture or industrial development	Natural landscapes substantially modified by agriculture or industrial development	Natural landscapes substantially modified by agriculture or industrial development	Natural landscapes substantially modified by agriculture or industrial development	Natural landscapes substantially modified by agriculture or industrial development	Urbanized developments dominate landscape
<b>c. Facilities:</b>	None	None	Some primitive trails made of native materials such as log bridges and carved wooden signs	Maintained and marked trails, simple trailhead developments, improved signs, and very basic toilets	Improved yet modest, rustic facilities such as campsites, restrooms, trails, and interpretive signs	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Modern facilities such as campgrounds, group shelters, boat launches, and occasional exhibits	Elaborate full-service facilities such as laundry, groceries, and book sale

**SOCIAL - VISITOR USE & USERS:** character of recreation & tourism use

	Pristine		Transition		Back Country		Middle Country		Front Country		Rural		Urban		
<b>d. Contacts (with other groups):</b>	Fewer than 3 encounters/day at camp sites and fewer than 6 encounters/day on travel routes	Fewer than 3 encounters/day at camp sites and fewer than 6 encounters/day on travel routes	3-6 encounters/day off travel routes (e.g., campsites) and 7-15 encounters/day on travel routes	7-14 encounters/day off travel routes (e.g., staging areas) and 15-29 encounters/day en route	15-29 encounters/day off travel routes (e.g., campgrounds) and 30 or more encounters/day en route	People seem to be generally everywhere.	Busy place with other people constantly in view								
<b>e. Group Size (other than your own):</b>	Fewer than or equal to 3 people per group	Fewer than or equal to 3 people per group	4-6 people per group	7-12 people per group	13-25 people per group	26-50 people per group	26-50 people per group	26-50 people per group	26-50 people per group	26-50 people per group	26-50 people per group	26-50 people per group	26-50 people per group	26-50 people per group	Greater than 50 people per group
<b>f. Evidence of Use:</b>	Only footprints observed. No noise or litter.	Only footprints observed. No noise or litter.	Footprints and bicycle tracks observed. Noise and litter infrequent. Slight vegetation trampling at campsites and popular areas. Fire rings seen.	Vehicle tracks observed. Occasional noise and litter. Vegetation and soils becoming worn at campsites and at high-use areas.	Vehicle tracks common. Some noise and litter. Vegetation and soils commonly worn at campsites, along travel routes and at popular areas.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Frequent noise and litter. Large but localized areas with vegetation damage and soil compaction.	Unavoidable noise, music and litter. Widespread vegetation damage and soil compaction.

**ADMINISTRATIVE - ADMINISTRATION & SERVICES:** How Public Land Managers, County Commissioners and Municipal Governments, and Local Businesses Care for the Area and Serve Visitors and Local Residents

	Pristine		Transition		Back Country		Middle Country		Front Country		Rural		Urban		
<b>g. Mechanized Use:</b>	None whatsoever	None whatsoever	Mountain bikes and perhaps other mechanized use, but all is nonmotorized	Four-wheel drives, all-terrain vehicles, dirt bikes, or snowmobiles in addition to non-motorized, mechanized use	Two-wheel drive vehicles predominant, but also four wheel drives and non-motorized, mechanized use	Ordinary highway auto and truck traffic is characteristic	Ordinary highway auto and truck traffic is characteristic	Ordinary highway auto and truck traffic is characteristic	Ordinary highway auto and truck traffic is characteristic	Ordinary highway auto and truck traffic is characteristic	Ordinary highway auto and truck traffic is characteristic	Ordinary highway auto and truck traffic is characteristic	Ordinary highway auto and truck traffic is characteristic	Wide variety of street vehicles and highway traffic is ever-present	
<b>h. Visitor Services:</b>	None is available on-site	None is available on-site	Basic maps, but area personnel seldom available to provide on-site assistance	Area brochures and maps, plus area personnel occasional present to provide on-site assistance	Information materials describe recreation areas and activities. Area personnel are periodically available	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	Information described to the left, plus experience and benefit descriptions. Area personnel do on-site education	
<b>i. Management Controls:</b>	No visitor controls apparent. No use limits. Enforcement presence very rare.	No visitor controls apparent. No use limits. Enforcement presence very rare.	Signs at key access points on basic user ethics. May have back country use restrictions. Enforcement presence rare	Occasional regulatory signing. Motorized and mechanized use restrictions. Random enforcement presence	Rules clearly posted with some seasonal or day-of-week use restrictions. Periodic enforcement presence	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Regulations prominent. Total use limited by permit, reservation, etc. Routine enforcement presence.	Continuous enforcement to redistribute use and reduce user conflicts, hazards, and resource damage

**From:** <Jennifer\_Green@blm.gov>  
**To:** <kgarvey@lc.usbr.gov>  
**Date:** Thursday, May 05, 2005 17:47:56  
**Subject:** BR quarry sites

Hi Kim,

I am on the ID team for the programmatic BR quarries EA. There are several issues and use conflicts associated with some of the quarry locations.

Of special interest to the Yuma Field Office is the Laguna Dam Quarry pit.

There is an extensive network of biking and hiking trails that run throughout that area. We have also seen a desert tortoise in the vicinity. We would like to know the geographical extent that these quarries will encompass, as well as any plans to have biological monitors at the project site in the event that a tortoise is present. These quarries have a large impact on visual resources. Is there any plan for reclamation of the quarries post extraction?

I am going to forward you an email from my colleague Aaron Curtis, the outdoor recreation planner in our office. We have had a lot of calls from concerned recreationists wondering about the expansion of these pits. Additionally, the transportation trucks speeding along the Mittry Lake road create a public safety hazard.

Additionally, I would recommend that you consult with the Native American tribes in our area (Cocopah and Quetzan), I know that they have issues with the Pilot Knob quarry.

Thank-you,  
Jennifer

**From:** Kimberly Garvey  
**To:** <Jill\_Miller-Alert@blm.gov>; <Patricia\_A\_Taylor@blm.gov>;  
<Sarah\_C\_Murray@blm.gov>; AaronCurtis@blm.gov; Amanda\_Dodson@blm.gov;  
cvnguyen@dfg.ca.gov; gary\_taylor@blm.gov; George\_Meckfessel@ca.blm.gov;  
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lynda\_kastoll@blm.gov; Paul\_Buff@blm.gov; Stephen\_Fusilier@blm.gov;  
TElsherif@land.az.gov; Wong, Fred  
**Date:** Friday, May 06, 2005 11:28:24  
**Subject:** Reclamation Programmatic EA for Quarries

Hi,

Based on the response I received from several of the BLM Field Offices, I wanted to send out more detailed location information. Attached is an excel spreadsheet that breaks down each of the quarry locations and what we have in our records as the existing owners. There are two tabs in the spreadsheet, one for Arizona and the other for California. The locations for some of the quarries do include part of the access routes. I am not authorized to make GIS maps of these locations. If you would like GIS maps, a request has to come directly from your office on your letterhead to Juan Ramos of this office. He can be reached at 928.343.8375 or jramos@lc.usbr.gov.

Although the timeframe for initial scoping has passed, I would appreciate any new comments that you may have as soon as possible so that they may be incorporated into the EA. Please keep in mind that this is Programmatic NEPA and each site will require additional site-specific analysis and permitting when and if we want to operate it.

My contact information is below if you have any questions. Please forward this to anyone in your office that may be involved as I am only sending this to folks who contacted me.

Kimberly L. Garvey  
Natural Resource Specialist  
Reclamation - Yuma Area Office  
7301 Calle Agua Salada  
Yuma, AZ 85364  
ph: 928.343.8227  
fax: 928.343.8320

**CC:** Kimberly GARVEY; Maloney, Kim; Ramos, Juan; Wahl, Rex

Quarry Name	State	Location	Quad Name	Ownership	Access Owner	Other
Agnes-Wilson Road	CA	T. 1 S., R. 24 E., sec. 31, E ½ W ½, E ½ T. 1 S., R. 24 E., sec. 32, W ½ excepting that portion of Sections 31 and 32 lying within the Colorado Indian Reservation	Parker SW	BLM - Palm Springs	BLM/CRIT	
Bat Cave No. 1 Road	CA	T. 7 N., R. 24 E., sec. 8, S ½ NE ¼ SW ¼ and SE ¼ SW ¼	Topock	Reclamation	FWS	Havasu NW Refuge
Bat Cave No. 2	CA	T. 7 N., R. 24 E., sec. 17, NE ¼ NW ¼	Topock	BLM - Needles	Reclamation/BLM	Previously SF Pacific Properties. BLM recently acquired.
Bat Cave No. 3 Road	CA	T. 7 N., R. 24 E., sec. 17, NE ¼ NW ¼, and SE ¼ NW ¼	Topock	BLM - Needles	BLM/Private	Previously SF Pacific Properties. BLM recently acquired.
Eagle Pass Road	CA	T. 8 N., R. 22 E., sec. 18, (all)	Needles SW	Reclamation	BLM/Private	
Manchester Road	CA	T. 11 N., R. 21 E., sec. 16, NE ¼	Mt. Manchester	CA	BLM - Needles	
Palo Verde Road	CA	T. 10 S., R. 21 E., sec. 1 W ½ NW ¼ NW ¼ SW ¼	Cibola SE	Reclamation	Reclamation	BLM - Yuma
Palo Verde Dam (PVID)	CA	T. 5 S., R. 23 E., sec. 14 E ½ NE ¼ and T. 5 S., R. 24 E., sec. 18 W ½ NE ¼ and sec. 19 W ½ W ½	Blythe NE	Reclamation	Private	BLM - Palm Springs

Quarry Name	State	Location	Quad Name	Ownership	Access Owner	Other
Park Moabi Road	CA	T. 7 N., R. 24 E., sec. 7 SW ¼	Whale Mtn.	Unknown - Needles BLM?		
Paymaster	CA	T. 11 S., R. 21 E., sec. 14 NW ¼ NW ¼ NE ¼	Picacho NW	BLM - EI Centro/Private (Southern Pacific Land Company)	BLM/Private	
Pilot Knob Road	CA	T. 16 S., R. 21 E., sec. 27 S ½ and sec. 34 (all)	Yuma West	Reclamation	Reclamation	BLM - EI Centro
Pipeline Road	CA	T. 7 N., R. 23 E., sec. 12 SW ¼ SW ¼ SE ¼, W ½ SE ¼ SW ¼ SE ¼, S ½ NW ¼ SW ¼ SE ¼, and SW ¼ NE ¼ SW ¼ SE ¼	Whale Mtn.	BLM - Needles	BLM	
Quien Sabe West	CA	T. 3 S., R. 23 E., sec. 21 E ½ NE ¼ NW ¼, E ½ W ½ NE ¼ NW ¼, SW ¼ SW ¼ NE ¼ NW ¼, SE ¼ SE ¼ NW ¼ NW ¼, N ½ SE ¼ NW ¼, E ½ NE ¼ SW ¼ NW ¼, NE ¼ SE ¼ SW ¼ NW ¼, N ½ SW ¼ SE ¼ NW ¼, and NW ¼ SE ¼ SE ¼ NW ¼	Big Maria Mtns NE	BLM - Palm Springs		BLM Permit
Ripley	CA	T. 8 S., R. 21 E., sec. 4 E ½ W ¼, and E ½	McCoy String	BLM - Palm Springs		
Section 7 Road	CA	T. 10 N., R. 22 E., All of sec. 7	Needles NW	Reclamation	BLM Needles	

Quarry Name	State	Location	Quad Name	Ownership	Access Owner	Other
Vidal Junction	CA	<p>T. 1 N., R. 24 E., sec. 30 NW ¼, N ½ SW ¼, W ½ NE ¼, N ½ NW ¼ SE ¼, SW ¼ NE ¼ NE ¼, and NW ¼ SE ¼ NE ¼ and sec. 19 NW ¼ NE ¼ SW ¼, NE ¼ NW ¼ SW ¼, and E ½ SW ¼ NW ¼</p> <p>T. 1 N., R. 24 E., sec. 30 All Federal Land (BLM) and E ½ NE ¼ NE ¼, NW ¼ NE ¼ NE ¼, and NE ¼ SE ¼ NE ¼, and sec. 19 W ½ SW ¼ NW ¼</p>	Parker NW	BLM - Needles	BLM	

**From:** <Jill\_Miller-Allert@blm.gov>  
**To:** "Kimberly Garvey" <KGARVEY@lc.usbr.gov>  
**Date:** Friday, May 06, 2005 14:55:45  
**Subject:** Re: Reclamation Programmatic EA for Quarries

Hi, Kimberly,

Thank you for your table Listing of BOR quarries along the Colorado River. You say that you are doing a programmatic EA. I would like to see a copy to comment on. My major interest is in the two quarries in the Dead Mountain Wilderness Area, north of Needles, CA. Lake Havasu Field Office's management boundary includes some of the public lands on the California, which access to these quarries are currently crossing.

Just couple of notes.

Access to the Section 7 Quarry use to be just through public land managed by BLM Needles FO and private lands in section 16. LHFO has been acquiring property in section 16 to block up wilderness lands and much of that section is now public lands managed under LHFO. Please remember that the access route is cherrystemed and the Dead Mountains Wilderness Boundary is basically 100 ft from centerline of the access road which was there in October 31 , 1994.

Manchester Quarry is within Dead Mountain Wilderness (no cherrystem) but on State Lands. The access to this quarry is on was for the most part on private lands except for one or two small stretches across public lands, which BOR or CA State lands had a valid ROW. Since that time BLM has done a Land exchange with Catellus Corporation and much of the private lands in that area are now public. You will need to deal with the Wilderness Issue in the EA. New ROWs are not permitted within a national designated wilderness area, but a Temporary Land Use Permit (2920) may be issued. I talked to other BOR people about 5 years ago about this issue, but they didn't respond with application for access. Only a very small section of this access is on public lands managed by LHFO, in fact in LHFO may all with the existing ROW.

All of this is just from the top of my head from my time working in the Needles Field Office as their Wilderness Specialist and needs checking. Our network is down so I can not check with GIS or the Master Title Plats at this time. If you can call me if you need additional background. Please work closely with the James Abbe Wilderness Specialist in the Needles Field Office and their Lands and Mineral personnel and LHFO Lands and Mineral personnel.

Thank you,

Jill Miller-Allert  
Wilderness Coordinator  
Lake Havasu Field Office

(928) 505-1204

**CC:** <Amanda\_Dodson@blm.gov>, <Patricia\_A\_Taylor@blm.gov>, <Cory\_Bodman@blm.gov>, <Richard\_Waggoner@ca.blm.gov>, <James\_Abbe@ca.blm.gov>, <Ken\_Downing@ca.blm.gov>



integrated into the review process. One of the quarries appears to be on State land within designated wilderness. A right-of-way from BLM would be required to access the site. Similarly, other sites may also require BLM to issue a right-of-way to authorize access.

I suggest that where BLM authorizations are necessary, the BOR make a formal request for permit to the appropriate field office, specifying in detail the location, description of proposed activities, and period of activities (even if intermittent), and purpose and need for the material. This will allow BLM to initiate the permit process. If the review process for all sites is to be completed through a programmatic EA, please be aware that BLM must assure that the environmental review is consistent with BLM's plans, and acceptable to support approval of an authorization to sever and remove mineral materials from public lands.

In addition, California state lead agencies under the Surface Mining and Reclamation Act of 1975 (SMARA) have approval authority for reclamation plans on federal land mining sites. This approval process should also be incorporated into your overall programmatic assessment in order to coincide with authorizations needed for the project sites.

As a Cooperating Agency, we will work with you to ensure that the EA is adequate to meet our needs for making decisions regarding authorizations that may be required on each of the quarries under our jurisdiction. That way, we will be in a position to adopt the EA and prepare a Decision Record documenting the various BLM decisions covered by the EA.

To assist us, as well as any contractor, we need to know what existing authorizations the BOR currently has for each quarry site and what additional authorization you are seeking from BLM. As part of that background, we would appreciate any information on the quarries in Geographic Information System (GIS) format. This will help us understand, in greater detail, your location map (which you already provided to California Field Offices) where you are seeking our assistance. Should you have any questions regarding this matter, please contact Alan Stein in this office at (951) 697-5382.



cc: California State Office, Arizona State Office  
California Field Office – El Centro, Palm Springs, Needles  
Arizona Field Offices – Yuma, Lake Havasu, Kingman

Map Number	Quarry	Location-Township, Range & Section	Location Quad	Managing Field Office	Comments
1	Manchester Road	T. 11 N., R. 21 E., sec. 16, NE ¼	Mt. Manchester	Needles FO, CA	Quarry is on State Land managed by the State Land Commission. State parcel is within the Dead Mountains Wilderness area. An existing access road extends 1,120 meters from the wilderness boundary to the state land
2	Times Gulch Road	T. 19N., R. 20W., sec. 18	Datman	Kingman FO, AZ	Located on public land as legally described. BOR has a pending FUP (AZA 32659) However, BOR withdrawn land is located in T. 19 N., R. 21 W., secs. 23 and 24.
3	Section 7 Road	T. 10 N., R. 22 E., All of sec. 7	Needles NW	Needles FO, CA	Located on public land cherry-stemmed from the Dead Mountains wilderness area. Was part of BOR withdrawal application CACA 7101, closed in 1998.
4	Eagle Pass Road	T. 8 N., R. 22 E., sec. 18, (all)	Needles SW	Needles RA, CA	Located on public land. MAS/MILS shows previous copper prospects-know significant surface development. Included in pending withdrawal CACA 7074 filed by BOR.
5	Pipeline Road	T. 7N., R. 23E., sec. 12	Whale Mtn.	Needles FO, CA	Located on public land. DOQ's show no discernible surface disturbance in the area. Rights of way are authorized in section (CACA 17204, 118349, 138248)
6	Park Moabi Road	T. 7N., R. 24E., sec. 7	Whale Mtn.	Bureau of Reclamation (Needles FO, CA)	Parcel is on public land in California withdrawn to the BOR. DOQ's show no discernible surface disturbance in the area.
7	Bat Cave No.1 Road	T. 7 N., R. 24 E., sec. 8, S ½ NE ¼ SW ¼ and SE ¼ SW ¼	Topock	Lake Havasu FO, AZ	Parcel described as section 8 is on USF&WS property Havasu National Wildlife Refuge.
8	Bat Cave No.2	T. 7 N., R. 24 E., sec. 17, NE ¼ NW ¼	Topock	Needles FO, CA	Parcel described as section 17 is on public land (formerly Catellus ??) located in the Chemehuevi wilderness area. There is a parcel of BOR withdrawn land in adjacent section 16.

Map Number	Quarry	Location-Township, Range & Section	Location Quad	Managing Field Office	Comments
9	Bat Cave No. 3 Road	T. 7 N., R. 24 E., sec. 17, NE ¼ NW ¼, and SE ¼ NW ¼	Topock	Needles FO, CA	Parcel described as section 17 is on public land (formerly Catellus ??) located in the Chemehuevi wilderness area. There is a parcel of BOR withdrawn land in adjacent section 16.
10	Vidal Junction	T. 1 N., R. 24 E., sec. 30 NW ¼, N ½ SW ¼, W ½ NE ¼, N ½ NW ¼ SE ¼, SW ¼ NE ¼ NE ¼, and NW ¼ SE ¼ NE ¼ and sec. 19 NW ¼ NE ¼ SW ¼, NE ¼ NW ¼ SW ¼, and E ½ SW ¼ NW ¼ T. 1 N., R. 24 E., sec. 30 All Federal Land (BLM) and E ½ NE ¼ NE ¼, NW ¼ NE ¼ NE ¼, and NE ¼ SE ¼ NE ¼, and sec. 19 W ½ SW ¼ NW ¼	Parker NW	Needles FO, CA	Parcel may be on public land. DOQ's show no discernable surface disturbance in the area.
11	Agnes-Wilson Road	T. 1 S., R. 24 E., sec. 31, E ½ W ¼, E ½ T. 1 S., R. 24 E., sec. 32, W ½ excepting that portion of Sections 31 and 32 lying within the Colorado Indian Reservation	Parker SW	Palm Springs FO, CA	Parcel is on public land Current FUP to BOR (CACA 34795). DOQ's show no discernable surface disturbance in the area.
12	Quien Sabe West	T. 3 S., R. 23 E., sec. 21 E ½ NE ¼ NW ¼, E ½ W ½ NE ¼ NW ¼, SW ¼ SW ¼ NE ¼ NW ¼, SE ¼ SE ¼ NW ¼ NW ¼, N ½ SE ¼ NW ¼	Big Maria Mtns. NE	Palm Springs FO, CA	Parcel is on public land. DOQ's show no discernable surface disturbance in the area. Two expired FUP's to BOR (CACA 19723, 34793).

Map Number	Quarry	Location-Township, Range & Section	Location Quad	Managing Field Office	Comments
		1/4, E 1/2 NE 1/4 SW 1/4 NW 1/4, NE 1/4 SE 1/4 SW 1/4 NW 1/4, N 1/2 SW 1/4 SE 1/4 NW 1/4, and NW 1/4 SE 1/4 SE 1/4 NW 1/4			
13	Palo Verde Dam	T. 5 S., R. 23 E., sec. 14 E 1/2 NE 1/4 and T. 5 S., R. 24 E., sec. 18 W 1/2 NE 1/4 and sec. 19 W 1/2 W 1/2	Blythe NE	Yuma FO, AZ	Parcel is on public land in California managed by the Havasu FO, AZ. DOQ's show no discernable surface disturbance in the area.
14	La Paz East Road	T. 4N., R. 21W., sec. 22	La Paz Mtn.	Yuma FO, AZ	Public Land in Arizona.
15	La Paz West Road	T.4N.,R. 21W., sec. 21	LapazMtn.	Yuma FO, AZ	Public Land in Arizona.
16	Ehrenberg Road	T. 4N., R. 21W., sec. 34, sec. 35	La Paz Mtn.	Yuma FO, AZ	Public Land in Arizona.
17	Ripley	T. 8 S., R. 21 E., sec. 4 E 1/2 W 1/4, and E 1/2	McCoy Spring	Palm Springs FO, CA	As legally described the area is near the Hodge mine, on the Roosevelt mine 24K map. Closed FUP to BOR (CACA 34796).
18	Trigo Wash Road	T. 2N., R. 21W., sec 19	Dome Rock Mtns. SW and Trigo Peak	Yuma FO, AZ	As legally described, the area lies within the Yuma Proving Grounds.
19	Palo Verde Road	T. 10 S., R. 21 E., sec. 1 W 1/2 NW 1/4 NW 1/4 SW 1/4	Cibola SE .	Yuma FO, AZ.	Parcel is on public land in California managed by the Yuma FO, AZ. DOQ's show no discernable surface disturbance in the area.
20	Hart Mine No.2 Road	T. 2S., R. 23W., sec. 2	Cibola SE	Bureau of Reclamation (Yuma FO, AZ)	Public land in Arizona withdrawn to the BOR.
21	Cibola (Hart Mine No.1)	T. 1S., R. 23W., sec. 34, 35	Cibola SE	Yuma FO, AZ	Public Land in Arizona. Numerous closed and expired FUP's to BOR.
22	Paymaster	T. 11 S., R. 21 E., sec. 14 NW 1/4 NW 1/4 NE 1/4	Picacho NW	El Centro FO, CA	Parcel is on public land. DOQ's show no discernable surface disturbance in the area.

Map Number	Quarry	Location-Township, Range & Section	Location Quad	Managing Field Office	Comments
23	Laguna Dam East Road	T.7S., R. 22W., sec. 23, 14	Laguna Dam	Bureau of Reclamation (Yuma FO, AZ)	Public land in Arizona withdrawn to the BOR.
24	Pilot Knob Road	T. 16 S., R. 21 E., sec. 27 S 1/2 and sec. 34 (all)	Yuma West	El Centro FO, CA	Parcel is public land. DOQ's show considerable surface disturbance in the area. Included in pending withdrawal CACA 7235 filed by BOR.

