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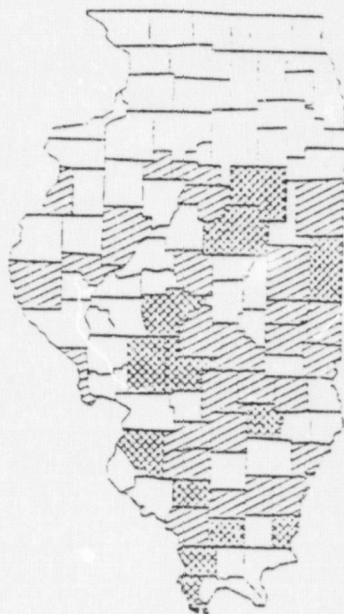
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Present Distribution: The pondhorn occurs in the Mississippi River drainage from Iowa, Illinois, and Indiana, south to Louisiana, east to Tennessee and west to Colorado, Oklahoma and Texas (Parmalee 1967). In Illinois this mussel is sporadic and locally common in small creeks and sloughs in the southern two-fourths of the state.

Former Illinois Distribution: The pondhorn was formerly widely distributed in Illinois, occurring throughout much of the state except for the northeastern quarter (Parmalee 1967). Despite its wide geographic range it was also considered to be uncommon in Illinois and only locally numerous (Parmalee 1967).

Habitat: The pondhorn inhabits ponds, sloughs, lakes, and quiet rivers, where it is usually found in areas with a mud substrate and shallow water (Parmalee 1967).

Reason for Status: The primary threats to this species in Illinois are declining water quality and habitat degradation as a result of agricultural runoff and industrial and municipal pollution.

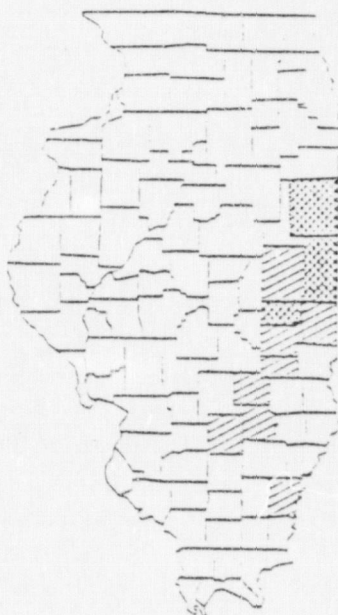
Management Recommendations: This species would benefit from better conservation measures designed to reduce agricultural runoff and pollution. Improved protection from industrial and domestic pollution would also benefit this species.

Villosa lienosa (Conrad)

LITTLE SPECTACLECASE

UNIONIDAE

Status: Endangered in Illinois



Present Distribution: The little spectaclecase is known from the Ohio and Wabash drainages. In Illinois, it is presently restricted to the Wabash River drainage where it occurs in the Embarras, Little Vermilion, and Vermilion rivers.

Former Illinois Distribution: The little spectaclecase historically occurred in the Vermilion, Embarras and Little Wabash rivers (K.S. Cummings unpublished data), but now is very sporadic in occurrence in southern and eastern Illinois.

Habitat: This species inhabits streams and small rivers, and is usually found in shallow water on a sand/mud bottom (Parmelee 1967).

Reason for Status: Increased siltation, domestic, industrial, and agricultural pollution, and competition from exotic mussel species are all potential threats to this species in Illinois.

Management Recommendations: This species would benefit from better soil conservation measures designed to reduce agricultural runoff and pollution. Improved protection from industrial and municipal pollution would also benefit this species.

East Part
of County

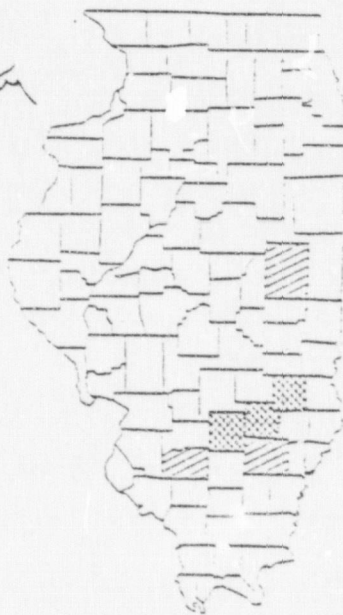
Tympanuchus cupido (Linnaeus)

GREATER PRAIRIE-CHICKEN

PHASIANIDAE

Status: Endangered in Illinois

North East
Part of County



Present Distribution: The greater prairie-chicken occurs locally from Manitoba south through the Great Plains to Oklahoma, and on the coastal prairies of Texas. This species is a very rare and local permanent resident in south-central Illinois, with remnant flocks of fewer than 40 birds each in Jasper and Marion counties, and a few individuals in Clay County.

Former Illinois Distribution: The prairie-chicken once was abundant in the prairie regions throughout the northern two-thirds of Illinois. The initial opening of the prairie and forests to agriculture in Illinois benefited the greater prairie-chicken and the population reached an estimated peak of approximately 10 million birds by 1860 (Westemeier and Edwards 1987). Prairie-chicken numbers began to decline shortly after reaching their peak abundance, however, and soon after 1900 they were considered to be on the brink of extinction in Illinois (Ridgway 1915).

Habitat: In Illinois, prairie-chickens no longer inhabit native prairie habitat but occur on intensely managed preserves. Through the use of reseeding and prescribed burning, optimum nesting habitat of second-, third-, and fourth-year grass growth is maintained. Native grasses are being reintroduced into sanctuaries and managed with a prescribed burning program. Well-drained, open booming grounds also are critical for the breeding activity of this species.

Reason for Status: Under tremendous pressure from hunting, egg collecting and habitat loss, the Illinois population of this once abundant species has declined to

but a meager representation of its former abundance. If it were not for the intensive efforts of the Illinois Natural History Survey, The Nature Conservancy, and the Illinois Department of Conservation this species would certainly have been extirpated from Illinois. Booming ground harassment and nest parasitism by pheasants and predation pose additional threats to the species' already precarious status in the state.

Management Recommendations: Illinois populations of the greater prairie-chicken are managed by the Illinois Natural History Survey and the Illinois Department of Conservation. Land acquisition and management through sharecropping, seeding of required grass species, and prescribed burning are primary management tools (Westemeier 1972).

***Tradescantia bracteata* Small**

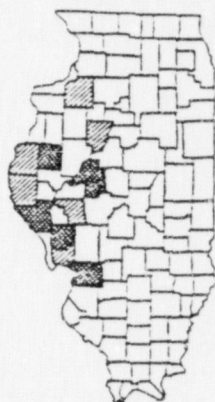
PRAIRIE SPIDERWORT

COMMELINACEAE

Status: Endangered in Illinois.

Habit: Rhizomatous perennial herb, 5 to 45 cm high.

Range: North-central United States, near its eastern range limit in Illinois.



Tradescantia bracteata occurs in dry-mesic silt and sand prairies in western Illinois, often in disturbed habitats. Presently it is known from seven localities in Illinois. None of the populations are protected, although several are along railroad and highway rights-of-way. The report of this species from Winnebago County is based on a cultivated plant.

References: Winterringer (1958), Henry (1986), Bowles (1991), Bowles *et al.* (1991).

***Trientalis borealis* Raf.**

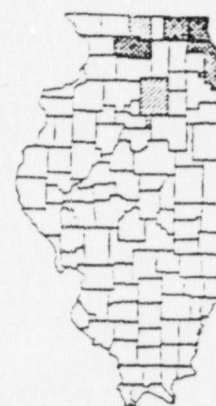
STAR-FLOWER

PRIMULACEAE

Status: Threatened in Illinois.

Habit: Rhizomatous perennial herb, stem 10-20 cm high.

Range: Boreal eastern and central Canada, south into northwestern United States.



Trientalis borealis reaches the southern margin of its range in northern Illinois, where it occurs in bogs, mesic sand forests, and along Lake Michigan ravine bluffs. Presently five Illinois populations are known to be extant, including three in state nature preserves.

References: Waterman (1923), Fell and Fell (1957), Iltis and Shaughnessy (1960), Sheviak and Haney (1973), Anderson and Loucks (1973), Moran (1978), Anderson and Beare (1983), Taft and Solecki (1990).

***Triadenum virginicum* (L.) Raf.**

MARSH ST. JOHN'S WORT

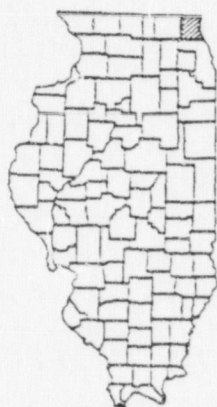
CLUSIACEAE

Status: Endangered in Illinois.

Synonym: *Hypericum virginicum* L.

Habit: Erect perennial herb, 30-60 cm high.

Range: Eastern United States and adjacent Canada.



In Illinois, *Triadenum virginicum* is known only from peaty sand prairies bordering Lake Michigan, where it was collected in 1972 from a Lake County state park. Although it has not been relocated at this site, extensive habitat remains, and it is likely the species remains extant in Illinois.

References: Mohlenbrock and Evans (1974), Bowles *et al.* (1991).

***Trifolium reflexum* L.**

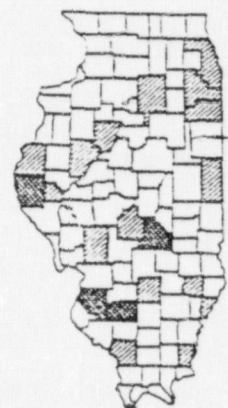
BUFFALO CLOVER

FABACEAE

Status: Endangered in Illinois.

Habit: Annual or biennial herb, stems branched, 20-50 cm high.

Range: Eastern and central United States and adjacent Canada.



A plant of dry-mesic savannas, flatwoods, and prairies, *Trifolium reflexum* has been nearly extirpated from Illinois. This species appears to be disturbance-adapted and has been found to occur in sites that are burned or regularly affected by minor disturbances such as mowing, flooding, or erosion. Presently, four populations are known in Illinois, including an Adams County state park and a privately protected flatwoods area in Washington County. A 1947 Cook County collection site no longer has an extant population. In 1981 it was reported from Fayette County, but the status of this station is unknown.

References: Vasey (1870), Jones (1952), Campbell *et al.* (1988), Schwegman (1990).

Rumex hastatulus Baldw.

SOUR DOCK

POLYGONACEAE

Status: Endangered in Illinois.

Habit: Annual herb, stems 0.15-1.3 m high.

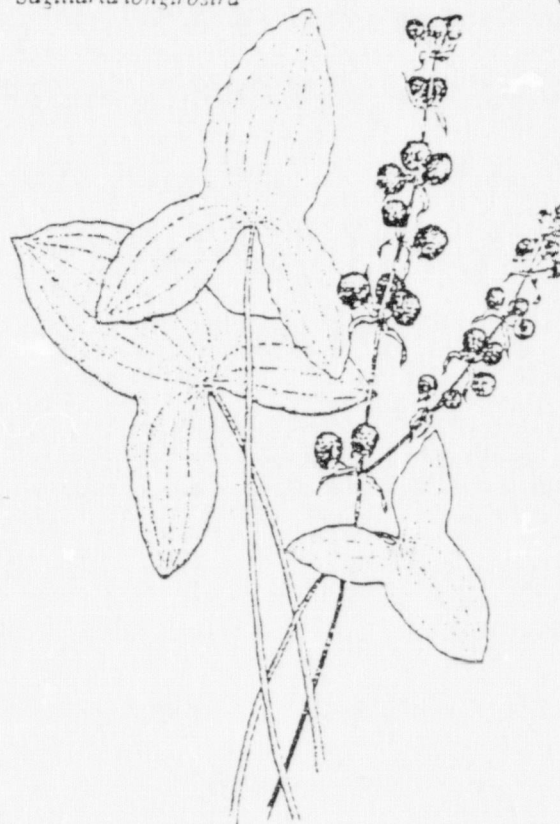
Range: Eastern United States.



Rumex hastatulus reaches its northern range limit in a small area of southwestern Illinois, where it has been reported from sandy areas, barrens, and hill prairies. The only modern collection from Illinois is a 1960 specimen from a sandy area near the Mississippi River in St. Clair County. The species may still occur in Illinois in this collection area.

References: Glassman (1942), Bowles *et al.* (1991).

Sagittaria longirostra



Sabatia campestris Nutt.

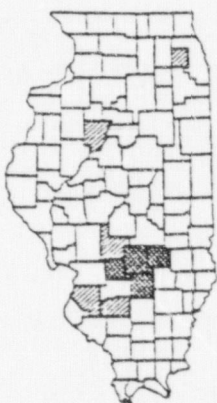
PRAIRIE ROSE GENTIAN

GENTIANACEAE

Status: Endangered in Illinois.

Habit: Branching annual herb, 20-40 cm high.

Range: South-central United States.



A plant of mesic prairies, *Sabatia campestris* reaches its eastern and northern range limit in Illinois. This species was formerly more common in Illinois, but has been almost eliminated by the destruction of its habitat. Until recently, a Bond County station contained the only known extant Illinois population of this species. Between 1982-1983, eight more stations were found or rediscovered in Effingham, Fayette, and Marion counties. This annual species is erratic in appearance, however, and only two stations have been successfully relocated during recent searches.

References: Jones (1947), Wilbur (1955).

Sagittaria longirostra (Michx.) J. G. Sm.

ARROWHEAD

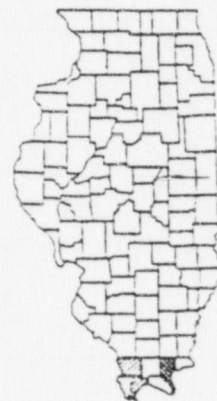
ALISMATACEAE

Status: Endangered in Illinois.

Synonymy: *Sagittaria engelmanniana* J. G. Sm. subsp. *longirostra* (Michx.) Bogin; *Sagittaria australis* (J. G. Sm.) Small

Habit: Stoloniferous perennial herb, 30-90 cm high.

Range: Southeastern United States, extending north to southern Illinois.



Sagittaria longirostra reaches its northwestern range limit in wooded seeps in extreme southern Illinois. It was first discovered in the state in 1967 and is now known from two stations, both in the Cretaceous Hills Section of the Coastal Plain Natural Division. These populations are within the Shawnee National Forest.

Reference: Bogin (1955).



IN REPLY REFER TO:

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Rock Island Field Office (ES)

4469 - 48th Avenue Court

Rock Island, Illinois 61201

COM: 309/793-5800

FAX: 309/793-5804

October 23, 1995

Ms. Julie Donsky
Environmental Scientist
Dames and Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This responds to your letter of September 30, 1995, requesting information for an Environmental Report pertaining to the proposed merger of Union Pacific and Southern Pacific Railroads. Your request concerns construction within Macoupin, Marion, Sangamon, and St. Clair Counties of Illinois.

To facilitate compliance with Section 7(c) of the Endangered Species Act of 1973, as amended, Federal agencies are required to obtain from the Fish and Wildlife Service information concerning any species, listed or proposed to be listed, which may be present in the area of a proposed action. Therefore, we are furnishing you the following list of species which may be present in the concerned area:

<u>Classification</u>	<u>Common Name (Scientific Name)</u>	<u>Habitat</u>
<u>Macoupin County</u>		
Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
Threatened	Eastern prairie fringed orchid <u>Platanthera leucophaea</u>	Mesic to wet prairies

Marion County

Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
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Sangamon County

Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
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Threatened	Bald eagle (<u>Haliaeetus leucocephalus</u>)	Wintering
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St. Clair County

Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
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Threatened	Bald eagle (<u>Haliaeetus leucocephalus</u>)	Wintering
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Endangered	Pallid sturgeon (<u>Scaphiynchus albus</u>)	Rivers
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Threatened	Decurrent false aster (<u>Elytonia decurrens</u>)	Disturbed alluvial soils
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Endangered	Running buffalo clover <u>Trifolium stoloniferum</u>	Disturbed bottomland meadows
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The endangered Indiana bat (Myotis sodalis) is listed as Macoupin County in Illinois and could potentially occur throughout the state.

During the summer, the Indiana bat frequents the corridors of small streams with well developed riparian woods as well as mature upland forests. It forages for insects along the stream corridor, within the canopy of floodplain and upland forests,

over clearings with early successional vegetation (old fields), along the borders of croplands, along wooded fencerows, and over farm ponds and in pastures. It has been shown that the foraging range for the bats varies by season, age and sex and ranges up to 81 acres (33ha). It roosts and rears its young beneath the loose bark of large dead or dying trees. It winters in caves and abandoned mines.

An Indiana bat maternity colony typically consists of a primary roost tree and several alternate roost trees. The use of a particular tree appears to be influenced by weather conditions (temperature and precipitation). For example, dead trees found in more open situations were utilized more often during cooler or drier days while interior live and dead trees were selected during period of high temperature and/or precipitation. It has been shown that pregnant and neonatal bats do not thermoregulate well and the selection of the roost tree with the appropriate microclimate may be a matter of their survival. The primary roost tree, however, appears to be utilized on all days and during all weather conditions by at least some bats. Indiana bats tend to be philopatric, i.e. they return to the same roosting area year after year.

Suitable summer habitat in Illinois is considered to have the following characteristics within a 1/2 mile radius of the project site:

- 1) forest cover of 15% or greater;
- 2) permanent water;
- 3) one or more of the following tree species 11 inches diameter at breast height (dbh) or greater: shagbark and shellbark hickory that may be dead or alive, and dead bitternut hickory, American elm, slippery elm, eastern cottonwood, silver maple, white oak, red oak, post oak, and shingle oak with slabs or plates of loose bark;
- 4) at least 1 potential roost tree per 2.5 acres;
- 5) potential roost trees must have greater than 10% coverage of loose bark (by visual estimation of peeling bark on trunks and main limbs).

If the project site contains any habitat that fits the above description, it may be necessary to conduct a survey to determine whether the bat is present. If Indiana bats are known to be present, they must not be harmed, harassed or disturbed when present. For small tree clearing projects Indiana bat habitat may be altered (i.e trees cleared) only between the dates of September 1 and April 30.

The threatened bald eagle (Haliaeetus leucocephalus) is listed as wintering along large rivers, lakes and reservoirs in the following Illinois counties: Sangamon and St. Clair.

During the winter, this species feeds on fish in the open water areas created by dam tailwaters, the warm water effluents of power plants and municipal and industrial discharges, or in power plant cooling ponds. The more severe the winter, the greater the ice coverage and the more concentrated the eagles become. They roost at night in groups in large trees adjacent to the river in areas that are protected from the harsh winter elements. They perch in large shoreline trees to rest or feed on fish. There is no critical habitat designated for this species in Illinois and the only restrictions that apply to the eagle are that it not be harassed, harmed or disturbed when present.

The eastern prairie fringed orchid (Platanthera leucophaea) is listed as threatened. It may potentially occur in Macoupin County, Illinois based on historical records and habitat distribution. It occupies wet grassland habitats. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. This species should be searched for whenever wet prairie remnants are encountered.

The decurrent false aster (Boltonia decurrens) is listed as threatened and known to occur in St. Clair County, Illinois (Mississippi River floodplain). It is also considered to potentially occur in any county bordering the Illinois River and the counties bordering the Mississippi River between the mouths of the Missouri River and the Ohio River. It occupies disturbed alluvial soils in the floodplains of these rivers. There is no critical habitat listed for this species in Illinois.

The running buffalo clover (Trifolium stoloniferum) is listed as endangered in Illinois. Although there are no currently known occurrences, it is considered to potentially occur in St. Clair County based on historical records. It occupies disturbed bottomland meadows. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law.

The pallid sturgeon is not likely to be found within the project area.

These comments provide technical assistance only and do not constitute the report of the Secretary of the Interior on the project within the meaning of Section 2(b) of the Fish and Wildlife Coordination Act, do not fulfill the requirements under

Ms. Julie Donsky

5.

Section 7 of the Endangered Species Act, nor do they represent the review comments of the U.S. Department of the Interior on any forthcoming environmental statement.

We appreciate the opportunity to comment on this project. If you have additional questions, please contact Scott Estergard of my staff.

Sincerely,

Wayne A. Fischer
Richard C. Nelson
Field Supervisor

cc: MISO (Collins)

SE:am

United States
Department of
Agriculture

Natural
Resources
Conservation
Service

Metro Office
655 Parfet, Room E-300
Lakewood, CO 80215-5517

- Serving Arapahoe, Clear Creek, Denver, Gilpin & Jefferson Counties -

October 23, 1995

Julie Donsky, Environmental Specialist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

RE: ENVIRONMENTAL REPORT FOR THE APPLICATION FOR MERGER
OF UNION PACIFIC AND SOUTHERN PACIFIC RAILROADS

Dear Ms. Donsky,

Our state office conveyed your September 30 request for information to appropriate field offices. I am writing in regards to following sites:

Utah Jct. to Sandown Jct.
SP Denver
Mesa, Colorado.

I have little substantive information regarding these project sites that would cause concern about the items you listed in your letter.

The U.S. Fish and Wildlife Service is the agency that should be consulted regarding the status of protected species and critical habitats. If you haven't already done so, I suggest you contact:

Mr. Bernardo Garza
USFWS
730 Simms Street, Room 290
Golden, CO 80401
Phone: 303/231-5280

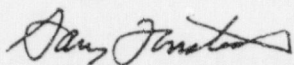
The Rocky Mountain Arsenal is located near two of these sites. It is now a National Wildlife Refuge (managed by the USFWS). It supports bald eagles, among other things.

There are a number of municipal parks within a few miles of these sites. The South Platte River and Sand Creek course through this part of the Metro Area. The former is part of a popular greenway system with a bike/hike trail. I believe Sand Creek has been the focus of similar planning in this regard, but I can't give you any specifics. Work has recently begun on environmental and recreational improvements at the recently "retired" Stapleton Airport.

I'm not aware of any other items that relate to your inquiry. You have no doubt contacted the Colorado Department of Public Health and Environment or EPA about issues related to water quality and CERCLA.

Please, call if you have any questions.

Sincerely,



Gary Finstad
Resource Conservationist

xc: Lee Hill, ASC/EQ

UNITED STATES
DEPARTMENT OF
AGRICULTURE

NATURAL RESOURCES
CONSERVATION
SERVICE

ROOM E200C
655 PARFET STREET
LAKEWOOD, CO 80215-5517

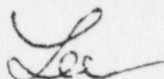
SUBJECT: Dames & Moore
Environmental Report
(letter dated 10/23/95)
Merger of UP and SP Railroads

DATE: October 31, 1995

TO: Gary Finstad
Actin Resource Conservationist
655 Parfet Street, Room E200C
Lakewood, CO 80215-5517

FILE CODE: 190-15-12

The above client is requesting environmental information concerning application of the merger involving the Union Pacific and Southern Pacific Railroads. Please respond directly to Julie Donsky, Environmental Scientist and a copy of your correspondence to me. The client is requesting a response at your earliest convenience. Thank you.



LEE E. HILL
Assistant State Conservationist for Environmental Quality

Attachment

cc: Julie Donsky, Environmental Scientist w/o attachment

October 27, 1995

Julie Donsky, Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Ste. 1000
Rolling Meadows, IL 60008

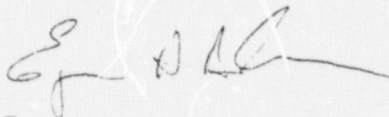
Dear Ms. Donsky:

After reviewing the railroad plans for railroad siding expansion at Strasburg, CO, we have following results:

1. There are no protected species that we know of within the five mile radius of the site. For further information regarding endangered species and their habitat, contact the Fish & Wildlife Service at 303-236-7398.
2. Two dry creeks lie within the boundaries set, Comanche Creek and Wolf Creek. Again from our perspective these are not classified as critical habitat.
3. Housing developments, both planned and existing, are within the boundaries along with schools and parks in Strasburg.
4. Other concerns we have involve the matter of weed control and grass management of the railroad right-of-way.

If you have further questions or need clarification, please contact the Byers NRCS Office at 303-822-5242.

Sincerely,



Eugene H. Backhaus
Resource Conservationist

cc: Lee Hill, ASTC Environmental Quality



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

SALT RIVER AGENCY

100 East McDowell Road
Scottsdale, Arizona 85256

IN REPLY REFER TO:

Office of the Superintendent
Attn: Realty, Rosemari Knoki
(602) 640-2816

985

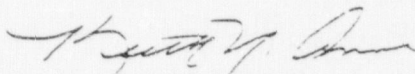
Mr. Arcadia Gastelum, Chairman
Pascua Yaqui Tribe
7474 S. Camino De Oeste
Tucson, Arizona 85746

Dear Mr. Gastelum:

The Dames & Moore, Inc. is preparing to complete an Environmental Report for the merger of Union Pacific and Southern Pacific Railroads. See attached letter dated September 26, 1995. The map attached to this letter indicates that the Pascua Yaqui Tribe of Indians may be affected by the merger.

If you have any comments for the proposed Environmental Report, please submit them directly to Julie Donsky, Environmental Scientist, at the address indicated in enclosed letter of September 26, 1995. We also ask that, if you provide this Agency with a copy of any comments you may provide. Thank you for your assistance.

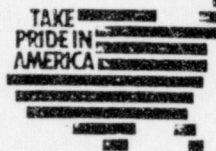
Sincerely,


Acting Superintendent

cc: RKnoki w/encl
Amy Heuslein
Julie Donsky, Dames & Moore,
One Continental Towers,
1701 Golf Road, Suite 1000,
Rolling Meadows, Illinois 60008



United States Department of the Interior
BUREAU OF INDIAN AFFAIRS



IN REPLY REFER TO:

Navajo Area Office
P. O. Box 1060
Gallup, New Mexico 87305-1060

500/Environmental Services

Ms. Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

OCT 31 1995

Dear Ms. Donsky:

In reference to your letters dated September 30, 1995 and October 4, 1995, enclosed, the proposed merger of Union Pacific and Southern Pacific Railroads and their associated new construction does not fall within the purview of the Navajo Area Office land management territory.

We, however, suggest that you contact Charles Tippeconnic, Bureau of Indian Affairs, Albuquerque Area Office, Environmental Services, P. O. Box 26567, Albuquerque, New Mexico 87125, for his review and commentary to your proposed actions.

Sincerely,

ACTING Area Director



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

ANADARKO AREA OFFICE

P.O. BOX 368

ANADARKO, OKLAHOMA 763005-0368

OCT 25 1995

Ms. Julie Donsky
Environmental Scientist
Dames and Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

RE: Request for Information, Environmental Information and other
Local Concerns - Proposed Union Pacific and Southern Pacific
Railroad Merger.

Dear Ms. Donsky:

Thank you for the additional opportunity to provide input regarding environmental and other concerns that this office may have in regard to the proposed Union Pacific-Southern Pacific Railroad merger. This letter is in response to your requests of September 30 and October 4, 1995.

Members of my staff have reviewed the locations of the affected environment for the proposed merger that will result in new construction. With the exception of extensions of existing sidings, or construction of new sidings in Oklahoma we have no substantive comments.

In regard to construction in Oklahoma, a potential exists that the siding extension at Concho, Oklahoma passes through Cheyenne-Arapaho Tribal or allotted land. If the proposed new construction will require acquisition of additional easements you should consult with the Tribes within whose jurisdiction the railroads pass to determine if any sites, locations, or areas of special significance to those Tribes will be impacted by the proposed projects.

Following is a list of Tribes/Nations and mailing addresses that you should contact judging from the maps provided:

Mr. Bill Anoatubby, Governor
Chickasaw Nation of Oklahoma
P.O. Box 1548
Ada, Oklahoma 74820
(for actions occurring at Ryan, Rush Springs, Chickasha, and Minco, Oklahoma)

Mr. Charles Surveyor, Chairman
Cheyenne-Arapaho Tribes
P.O. Box 38
Concho, Oklahoma 73022
Attn: Mr. Gordon Yellowman, Sr. and Mr. Virgil Franklin,
Sr.)
(for actions occurring at Concho, Oklahoma)

Mr. Gary McAdams, President
Wichita and Affiliated Tribes
P.O. Box 729
Anadarko, Oklahoma 73005
Attn: Mr. Virgil Swift
(The area through which the railroad passes in north-central
Texas and central Oklahoma is within the area considered
part of the Wichita and Affiliated Tribes original
homeland.)

If you have any questions regarding this correspondence please
contact this office.

Sincerely,

L. A. Allen

Area Director

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Fife Symington, Governor

Edward Z. Fox, Director

ERP: 95-1522

November 2, 1995

Ms. Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

RE: Merger Related Rail Construction in Arizona.

Dear Ms. Donsky:

We have concluded our review of the referenced project relative to water quality impacts. Thank you for the opportunity to review your proposal during initial project planning. Since we have not been on any of the proposed sites as a part of this review, our comments are limited to those which could be ascertained from the information you provide, our files and other available data sources. Our general comments follow:

1. Those activities resulting in alterations of the natural environment should not cause or contribute to the exceedance of limits found in the Arizona Water Quality Standards for Navigable Waters, A.A.C. Title 18, Chapter 11, Article 1.
2. Numeric and narrative water quality standards rules have been adopted for aquifers and navigable waters and are found in the Arizona Administrative Code (A.A.C.), Title 18, Chapter 11. The referenced project is subject to these and other rules and requirements for environmental protection which are administered by local, State and Federal agencies. State 401 Water Quality Certification is required for all CWA permits issued except for Pre-Certified Nationwide Permits which are administered by the U.S. Army Corps of Engineers.
3. Permits or approvals may be required by the county health department, Arizona Department of Environmental Quality (ADEQ), Arizona Department of Water Resources, U.S. Army Corps of Engineers or the U.S. Environmental Protection Agency if the overall project includes construction within a watercourse or a potable water supply, wastewater reuse facilities, or wastewater collection/holding/treatment/disposal facilities, or stormwater facilities, or a dam.
4. We recommend that the environmental analyses reports include a comparison of "Waters of the United States" (WUS) impact areas for each alternative. These areas should

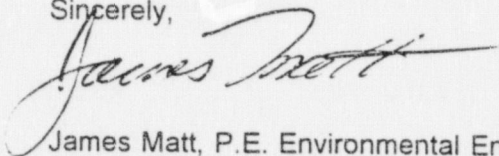
0141

include the WUS that are either lost or sustain impaired functions and values (physical, biological or chemical) as a result of any activities regulated by CWA §404. If you are unable to easily delineate WUS, we recommend that the comparison be made for impact areas within the 100-year floodplain.

5. Water for dust suppression, if used, must not contain contaminants that could violate water quality standards for surface waters or aquifers.
6. If culverts are used they should be adequately sized to handle the expected flow and properly set with the ends protected from erosion. Stormwater discharges should be managed to minimize the pollution of the waters of the State. Drainage from paved areas should not result in direct discharge to canals or environmentally sensitive waters.
7. Attached is the ADEQ Form 404-016 which specifies our expected information needs for the certification of federal permits of construction activity effecting water courses. Supplemental information may be required as we learn more about your specific project. Your timely responses will facilitate our water quality review of your proposal.
8. We have also attached ADEQ Form 404-004 which is The Arizona Department of Environmental Quality Policy For Protecting Water Quality During Facility Construction. These policies are the basis for our approval and certification of Federal Permits in Arizona.

We appreciate the opportunity to provide our comments during initial project planning. If you have any questions, please call me at (602) 207-4502.

Sincerely,



James Matt, P.E. Environmental Engineer
Engineering Review & Permits Unit

Enclosure(s) 2

THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
POLICY FOR PROTECTING WATER QUALITY DURING FACILITY CONSTRUCTION

Appropriate items as listed below should be included in specifications for construction and related activities in or near watercourses. Adherence to the cited procedures should assure compliance with Water Quality Standards for Navigable Waters, A.A.C. R18-11-1. Specifications should require the person responsible for the activity to submit a program for effective control of water pollution to the person in charge of the project which includes procedures for protecting water from pollution with fuels, oils, bitumens, calcium chloride, silt, cement, asphalt, tires, batteries and other harmful materials, and for conducting and scheduling operations so as to avoid or minimize silting of the water.

SPECIFIC PROCEDURES FOR PREVENTING WATER POLLUTION MAY INCLUDE.

1. Provision for temporary pollution control measures such as: dikes, basins, ditches, diversions, silt fences and the application of straw and seed, to be functional prior to land disturbing activities.
2. Erosion control measures including minimizing clearing and grubbing and limiting exposure of erodible surface to 750,000 square feet for each construction phase or location.
3. Construction of footings in water by sheet pile cofferdam method and pumping water from within the dam to settling ponds before returning it to the watercourse.
4. Isolation of the construction area by dikes and/or berms.
5. Erection of barriers, covers, shields and other protective devices as necessary to prevent any construction materials, equipment or contaminants/pollutants from falling or being thrown into a watercourse.
6. Construction of drainage facilities with armoring when necessary to control erosion and sedimentation.
7. Provision of an adequate means, such as a bypass channel, to carry a stream free from mud and silt around operations which remove material from beneath a flowing stream.
8. A requirement for the transportation of materials across live streams to be conducted without muddying the stream. Mechanized equipment should not be operated in stream channels of live streams except as may be necessary to construct crossings or barriers and fill for channel modifications.
9. A requirement for wash water from aggregate washing or other operations containing mud or silt to be treated by filtration or retention in a settling pond, or ponds, adequate to prevent water from transporting sediment into streams or watercourses.
10. A requirement for oily or greasy or substances originating from the contractor's operations not be placed where they will later enter a stream or watercourse.
11. Provisions for Portland cement or fresh Portland cement concrete not be allowed to enter flowing water of streams.
12. A requirement to return the flow of streams as nearly as possible to a meandering thread without creating a possible future bank erosion problem when operations are completed.
13. A requirement that material derived from roadway work should not be deposited in a stream or watercourse where it could be washed away by stream flows.

The person responsible for the activity should monitor for turbidity every day in which there is a disturbance of the bed of the waterway. Monitoring should be performed not greater than 300 feet downstream from the construction or related operations and 100 feet upstream. Reports of turbidity measurements should be reported to the Arizona Department of Environmental Quality.

0143

401 WATER QUALITY CERTIFICATION SUBMITTAL REQUIREMENTS

1. Application form: 404-033 (for all projects)
404-015 (for NW-26 projects of less than 1 acre)
2. Project Description (including Project Name, Applicant's Name/Address/Phone, Project Purpose, COE jurisdictional area and Watercourse Name).
3. Project Location (latitude/longitude and legal description (T/R/Sec.) at center of project area.
4. Elevations in Feet Above MSL of work area, channel bottom and water table at project site(s) before, during and after authorized activity.
5. Fill Material Description (gradation, mineralization, potential pollutants), Source Location (T/R/Sec) and Past Land Use(s) at source site.
6. Site revegetation/reclamation plan, including both project area and material source site.
7. USGS topographic or other contour maps of the project area with a scale of 200-ft = one inch.
8. Aerial photographs of proposed project area with the jurisdictional area impacted by the project and those watercourses which will remain undisturbed highlighted (show North).
9. A drainage report which includes an assessment of upstream and downstream off-site impacts by the development.
10. A drainage and/or grading plan with the following highlighted details:
 - * flood plain delineation,
 - * reconstructed channels and cross-sections,
 - * bank stabilization methods,
 - * flow rates and velocities for the 100-year storm event,
 - * culvert type, capacity and size,
 - * retention ponds,
 - * detention ponds, and
 - * areas filled for construction.
11. An assessment of lost riparian areas and proposed mitigation measures.
12. An assessment of urban runoff: what will be the increase of stormwater runoff due to this project? How will this runoff be disposed? Will there be a discharge to Waters of the U.S.? Are natural channels being preserved to convey urban runoff?



Arizona Department of Agriculture

1688 West Adams, Phoenix, Arizona 85007
(602) 542-4373 FAX (602) 542-0999

PLANT SERVICES DIVISION

October 23, 1995

Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

RE: Merger of Union Pacific & Southern Pacific Railroads

Dear Ms. Donsky:

The Arizona Department of Agriculture has reviewed the information provided with your letter of September 30, 1995, regarding the merger of the Union Pacific and Southern Pacific Railroads.

A plant survey may be required to determine if the proposed project will have an adverse impact on State protected plant species.

The Department strongly recommends that, if protected plants are present, they be salvaged and the Union Pacific and Southern Pacific Railroads notify us in writing at least 60 days before the work begins.

The Department will post and disseminate copies of the notice to the salvage operators or interested parties, and issue permits to allow for their removal and transportation.

If you need additional information, please call me at 602/542-3292.

Sincerely,

A handwritten signature in cursive script, reading "James McGinnis".

James McGinnis
Native Plant Program Manager

JM:clw



ARIZONA STATE PARKS

1300 W. WASHINGTON
PHOENIX, ARIZONA 85007
TELEPHONE 602-542-4174

FIFE SYMINGTON
GOVERNOR

STATE PARKS BOARD MEMBERS

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M. JEAN HASSELL
STATE LAND COMMISSIONER

KENNETH E. TRAVOUS
EXECUTIVE DIRECTOR

CHARLES R. EATHERLY
DEPUTY DIRECTOR

October 5, 1995

Julie Donsky
Dames & Moore
1701 Golf Road Ste 1000
Rolling Meadows, IL 60008
FAX (708) 228-1115

Dear Ms. Donsky,

Arizona State Parks operates two facilities within five miles of the rail segments you identified as being affected by the merger of the Union Pacific and southern Pacific railroads. These are Picacho Peak State Park and Yuma Territorial Prison State Historical Park (see enclosed maps). We are unaware of any direct impacts to either park that might result from the merger of the two rail systems.

Protected species and critical habitat information for Arizona is available from the Arizona Game and Fish Department, 2221 W. Greenway Road, Phoenix AZ 85023, or from the U.S. Fish and Wildlife Service, Arizona Ecological Services State Office, 2321 W. Royal Palm Road Suite 103, Phoenix, AZ 85021.

Please keep us on your list for future mailings.

Sincerely,

Matt Chew
Natural Resources Planner

enclosure

0146

COCHISE COUNTY



HIGHWAY AND FLOODPLAIN DEPARTMENT

1415 W. Melody Lane, BISBEE, AZ 85603-3090

Highway Phone: (520) 432-9420

Fax: (520) 432-9432

Floodplain Phone: (520) 432-9445

Fax: (520) 432-9645

TRANSMITTAL LETTER

TO: Dames & Moore, Inc.

DATE: October 19, 1995

One Continental Towers

PROJECT: _____

1701 Golf Road, Suite 1000

Rolling Meadows, Illinois 60008

ATTENTION: Julie Donsky, Environmental Scientist PROJECT NO. _____

ENCLOSED PLEASE FIND:

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☒ [X] PRINT
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☐ [] FOR YOUR FILES
☐ [] FOR YOUR INFORMATION

☒ [X] MAIL
☐ [] EXPRESS COURIER
☐ [] INTEROFFICE MAIL

REMARKS: The maps that are involved with the proposed project are as follows:

040012: -0235, -245, -255, -265, -275, -300, -425, -420 and -450B. Please contact
the Federal Emergency Management Agency (FEMA) may be able to assist you, at
1-800-358-9616 for copies of these maps. It is hoped that this information is
useful to you.

FROM: Gracie Lowery

TITLE: Secretary Senior

CC: Les Thompson, Board of Supervisors
Allon C. Owen, P.E. Floodplain Administrator
D:\DOCS\FORMS1\TRANSMIT.DM



COCHISE COUNTY PLANNING DEPARTMENT

1415 W. MELODY LANE, BISBEE, ARIZONA 85603-3090

(520) 432-9450 / 9451
FAX 432-9429

10/30/95

Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road
Suite 1000
Rolling Meadows, Illinois 60008

Ms. Donsky,

The Cochise County Planning Department staff have reviewed the submitted documents in regard to the proposed merger of Union Pacific and Southern Pacific Railroads. The actual corporate merger is not a concern.

In regard to the proposed extension of the railway from Willcox to Luzena, AZ, it is specified in the Cochise County Zoning Regulations that the "use or occupation of land or improvements for railroad...purposes...shall not be prevented or restricted...". This exemption is provided in accord with ARS 11-830. The Planning Department simply requests submittal of an informational building permit(s) for all proposed structures.

The project was also reviewed by the Highways & Floodplain Department. It is evident that the proposed construction, as depicted on the map, will not affect any County easements or rights-of-way.

We appreciate the opportunity to comment. If you have any questions, please contact the Planning Department at 432-9450.

Sincerely,

Bayer Vella
Planner

XC: Tony Saracino, Supervisor District I
Mike Palmer, Supervisor District II
Leslie E. Thompson, Supervisor District III
John Mackinnon, Deputy County Attorney

Office of the
Board of Supervisors
Tom Rawles



October 30, 1995

Ms. Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

Thank you for your letter regarding the merger between Union Pacific and Southern Pacific Railroads.

In regards to your environmental report, Maricopa County does not have jurisdiction or authority over all of the components of your request. Per your request, I have enclosed a map of all park sites and refuges within Maricopa County. I hope that this is of assistance.

To obtain a list of protected species information, as well as a listing of critical habitats within 5 miles of each site listed on your map, I suggest you contact the Arizona State Game and Fish Department at (602)981-9309. Information on permitting/ approval authority can be obtained through the Arizona Corporation Commission at (602)542-3076.

I appreciate the opportunity to be of service. Please let me know if I can provide any other assistance.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tom Rawles".
Tom Rawles

0149





October 9, 1995

ARKANSAS
HISTORIC
PRESERVATION
PROGRAM

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road,
Suite 1000
Rolling Meadows, Illinois 60008

RE: Mult-County - General
Section 106 Review - ICC Tracking No. #26035
Proposed Environmental Report For Union Pacific And Southern
Pacific Railroad Merger And Construction Projects

Dear Ms. Donsky:

This letter is written in response to your inquiry, regarding properties of architectural, historical, or archeological significance in the area of the proposed referenced project.

In order for the Arkansas Historic Preservation Program (AHPP) to complete its review of the proposed project, we will need the additional information checked below:

- ☒ a project location map delineating the project boundary.
TOPO MAP PINPOINTING LOCATION
- ☐ a project description detailing all aspects of the proposed project.
- ☐ the location, age, and photographs of structures (if any) to be renovated, removed, demolished, or abandoned as a result of this project.
- ☐ photographs of any structures on property directly adjacent to the project area.

Once we have received the above information, we will complete our review as expeditiously as possible. If you have any questions, please contact me at (501) 324-9785.

Sincerely,

Randy Jeffery
Randy Jeffery
106 Review Coordinator

CS\GM\ss

1500 Tower Building • 323 Center • Little Rock, Arkansas 72201 • Phone (501) 324-9880
Fax (501) 324-9154

A Division of the Department of Arkansas Heritage



September 29, 1995

ARKANSAS
HISTORIC
PRESERVATION
PROGRAM

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road,
Suite 1000,
Rolling Meadows, Illinois 60008

RE: Multit-County - General
Section 106 Review - ICC Tracking No. #26035
Proposed Railroad Abandonments (Jonesboro To Harrisburg To
Cherry Valley, Gurdon To Camden, And West Memphis To Wheatley)

Dear Ms. Donsky:

This letter is written in response to your inquiry, regarding properties of architectural, historical, or archeological significance in the area of the proposed referenced project.

In order for the Arkansas Historic Preservation Program (AHPP) to complete its review of the proposed project, we will need the additional information checked below:

- ✓ a project location map delineating the project boundary.
~~TOPOG MAPS~~
- a project description detailing all aspects of the proposed project.
- ✓ the location, age, and photographs of structures (if any) to be renovated, removed, demolished, or abandoned as a result of this project. (~~BRIDGES, TRESTLES, BUILDINGS, ETC.~~)
- photographs of any structures on property directly adjacent to the project area.

Once we have received the above information, we will complete our review as expeditiously as possible. If you have any questions, please contact me at (501) 324-9785.

Sincerely,

Randy Jeffery
Randy Jeffery
106 Review Coordinator

CS\GM\SS

1500 Tower Building • 323 Center • Little Rock, Arkansas 72201 • Phone (501) 324-9880
Fax (501) 324-9154

A Division of the Department of Arkansas Heritage

Dept. ID # 26035 Project #
Received 09/26/95
Project:
merger of the Union Pacific/Southern Pacific
Project City: General County: Multi

This is to confirm receipt of your submittal regarding
the Section 106 review process on the request listed
above.

We will take the appropriate action within the 30 day
mandated review period or agreed upon time. If you have
any questions, contact Randy Jeffery of my staff at
(501) 324-9880.

Cathy Buford Slater
State Historic Preservation Officer

Arkansas Historic Preservation Program
1500 Tower Building, 323 Center Street
Little Rock, Arkansas 72201

26035

Ms. Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Ste. 1000
Rolling Mountain, IL 60008

20002/2227

STATE OF ARKANSAS
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
ENVIRONMENTAL PRESERVATION DIVISION
8001 NATIONAL DRIVE, P.O. BOX 8913
LITTLE ROCK, ARKANSAS 72219-8913
PHONE: (501) 565-7401
FAX: (501) 565-3818

October 6, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

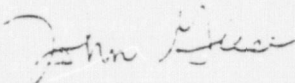
Dear Ms. Donsky:

I am in receipt of your letters of September 22 and September 30 requesting biologically sensitive areas in Arkansas. Enclosed are copies of the Gulf Coastal and Delta portions of Appendix A of Arkansas' water quality standards.

I would suggest that you contact Ms. Cindy Osborne with the Arkansas Natural Heritage Commission. That address is 1500 Tower Building, 323 Center Street in Little Rock, Arkansas 72201. The Natural Heritage Commission keeps files for records of occurrences of rare plant and animals and outstanding natural communities or other elements of special concern within Arkansas.

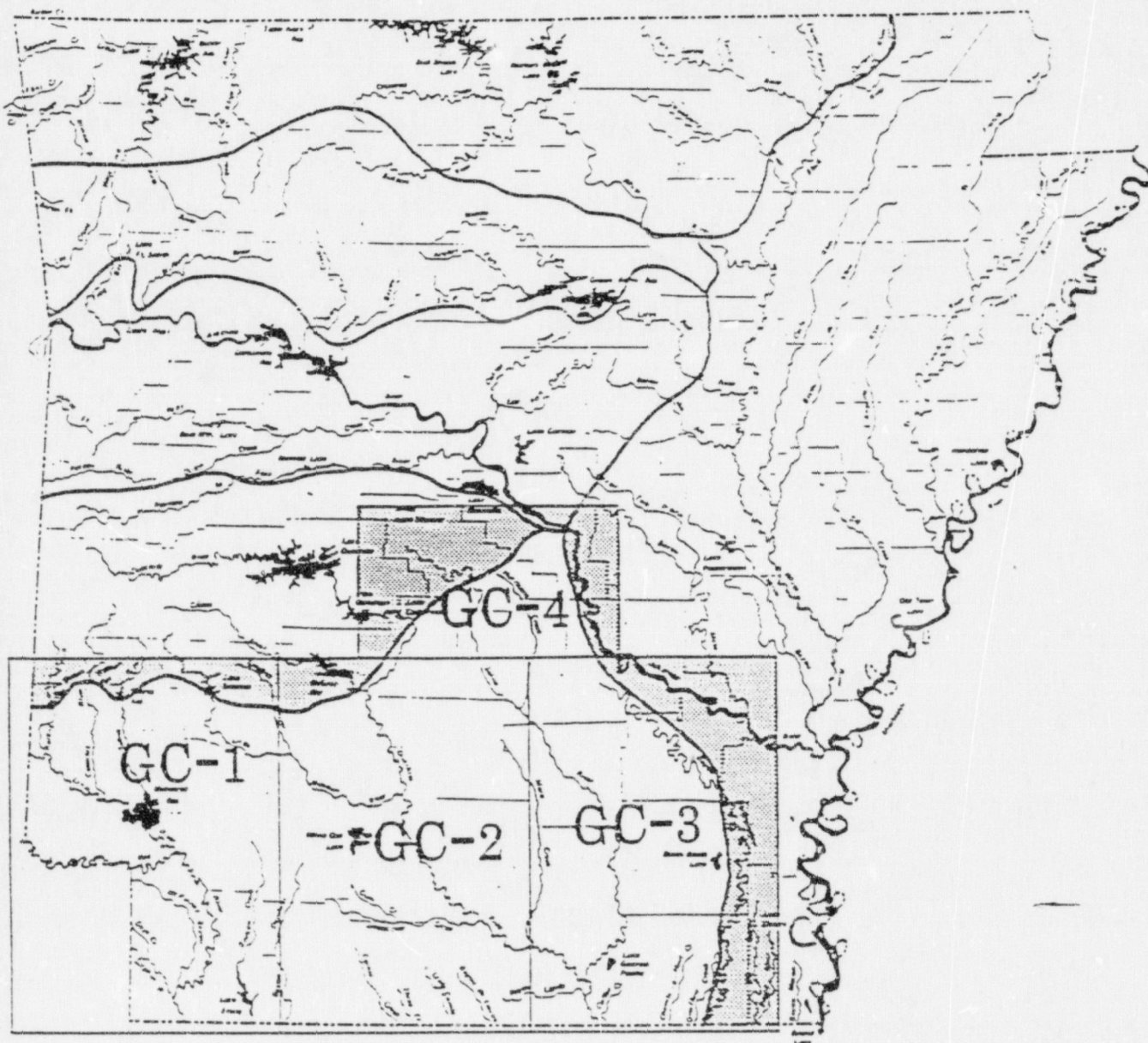
I hope this is the information you are needing. If you have any questions or comments, please contact me at 501-565-7424.

Sincerely,



John Giese, Chief
Environmental Preservation Division

Index to Plates of the Gulf Coastal Plain



Designated Uses
Gulf Coastal Ecoregion
(Planes GC-1, GC-2, GC-3, GC-4)

Extraordinary Resource Waters

Saline River (GC-3, GC-4)

Moro Creek - adjacent to natural area (GC-3)

Natural and Scenic Waterways

Saline River from the Grant-Cleveland County line to mouth (GC-3)

Ecologically Sensitive Waterbodies

Little River above Millwood Reservoir - location of Ouachita rock pocketbook and pink mucket mussels (GC-1)

Grassy Lake and Yellow Creek below Millwood Reservoir - unique ecosystem and biota (GC-1)

Lower Little Missouri River - location of peppered shiner and longnose darter (GC-2)

Lower Saline River - location of peppered shiner, crystal darter and goldfinch darter (GC-3)

Ouachita River near Arkadelphia - location of flat blower, Ouachita rock pocketbook and pink mucket mussels (GC-2)

Streams with Substantial Sedimentation Influence

L'Etat Falls (GC-4)

Cypress Creek (GC-4)

East and West Fork Tulip Creeks (GC-4)

Others to be determined

Primary Contact Recreation - all streams with watersheds greater than 10 mi² and all lakes/reservoirs

Secondary Contact Recreation - all waters

Domestic, Industrial and Agricultural Water Supply - all waters

Fisheries

Trout

Little Missouri River from Narrows Dam to confluence with Muddy Fork (GC-1)

Lakes and Reservoirs - all

Streams

Seasonal Gulf Coastal fishery - all streams with watersheds of less than 10 mi² except as otherwise provided in §6(2)

Perennial Gulf Coastal fishery - all streams with watersheds of 10 mi² or larger and those waters where discharges equal or exceed 1 cfs

Use Variations Suggested by UAA

Louise Creek - perennial fishery, except seasonal from railroad bridge to mouth (GC-1, #1)

Unnamed tributary to Smackover Creek - no fishable/swimmable uses (GC-2, #2)

Unnamed tributary swamp to Smackover Creek - no fishable/swimmable uses (GC-2, #3)

Unnamed tributary to Flat Creek - no fishable/swimmable uses (GC-2, #4)

Dodson Creek - perennial fishery (GC-4, #5)

Jug Creek - perennial fishery (GC-2, #6)

Lick Creek - seasonal fishery; no primary contact (GC-1, #7)

Coffee Creek - no fishable/swimmable or domestic water supply uses (GC-3, #8)

Specific Standards
Gulf Coastal Ecoregion
(Plains GC-1, GC-2, GC-3, GC-4)

	Plains GC-1	Gulf Coastal Ecoregion	Plains GC-2, GC-3, GC-4
Temperature* °C (°F)	20 (68)	20 (68)	22 (71.6)
Ouachita River (above Lake Texoma)	20 (68)		
Little Missouri River	20 (68.6)		
Red River	20 (68.6)		
Turbidity (NTU)	10	10	10
Red River	10		
Minerals		see §6(X)	see §6(X)
Dissolved Oxygen** (mg/l)	See §5.	See §5.	see §6(E)
<10 mi watershed	5	5	
10 mi - 500 mi	5	5	
>500 mi watershed	5	5	
All sizes		5	5
All other standards	(same as statewide)		

Variations Supported by U2A

Louise Creek - from headwaters to railroad bridge, critical season D.O. standard - 3 mg/l; primary season - 5 mg/l; from railroad bridge to mouth, critical season D.O. - 2 mg/l (GC-2, #1)

Unnamed tributary to Smackover Creek - headwaters to Smackover Creek, year round D.O. criteria - 2 mg/l (GC-2, #2)

Unnamed tributary and swamp to Smackover Creek - headwaters to Smackover Creek, year round D.O. criteria - 2 mg/l (GC-2, #3)

Unnamed tributary to Flat Creek - from headwaters to Flat Creek, year round D.O. criteria - 2 mg/l (GC-2, #4)

Dodson Creek - from headwaters to confluence with Saline River, critical season D.O. standard - 3 mg/l (GC-4, #5)

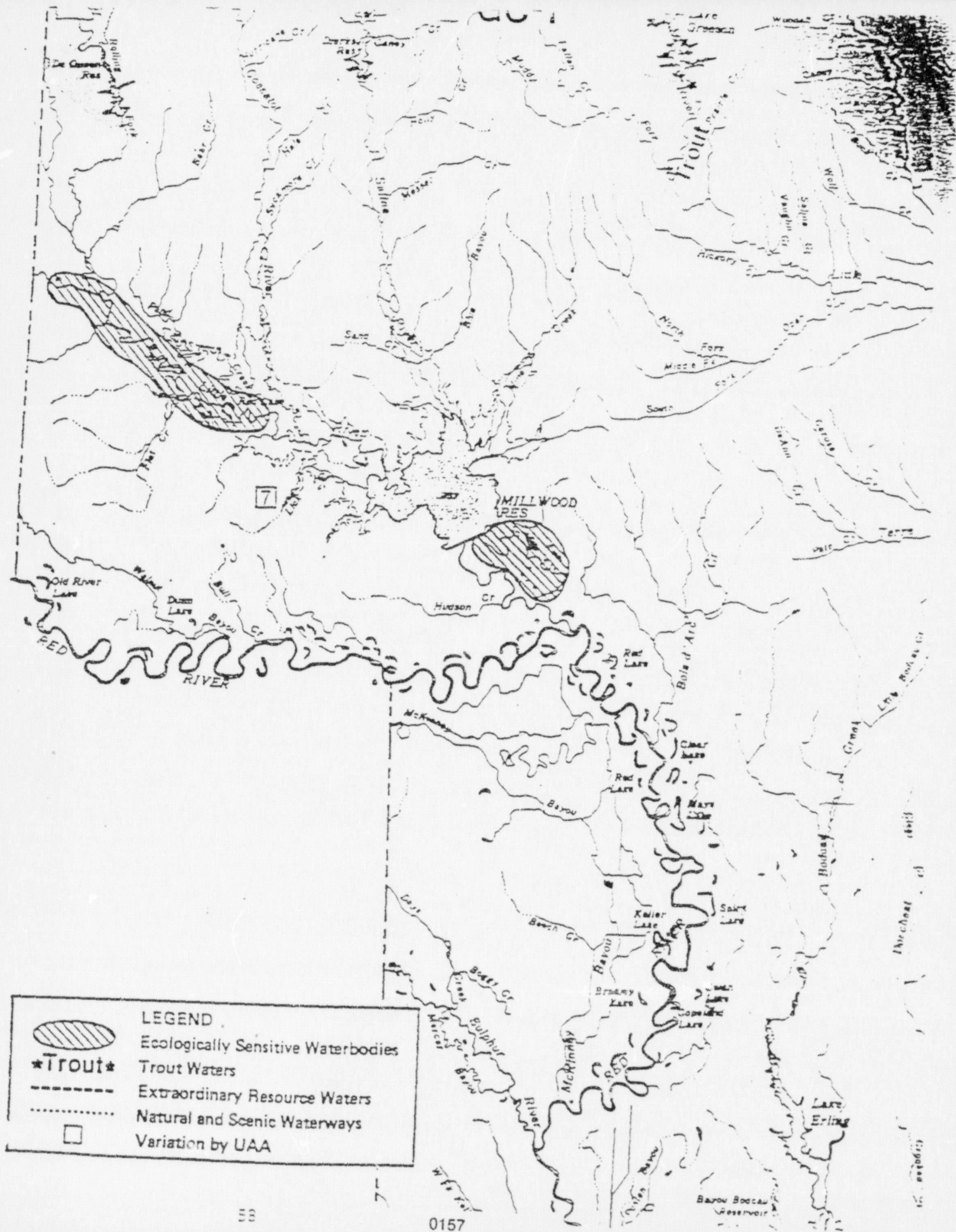
Jug Creek - from headwaters to confluence with Moro Creek, critical season D.O. standard - 3 mg/l (GC-2, #6)

Lick Creek - from headwaters to Millwood Reservoir, critical season D.O. standard - 2 mg/l (GC-1, #7)

Coffee Creek - exempt from §5(E) and §6 (GC-3, #8)

* Increase over natural temperatures may not be more than 2.8°C (5°F).

** At water temperatures $\leq 10^{\circ}\text{C}$ or during March, April and May when stream flows are 15 CFS and greater, the primary season D.O. standard will be 6.5 mg/l. When water temperatures exceed 22°C, the critical season D.O. standard may be depressed by 1 mg/l for no more than 8 hours during a 24-hour period.

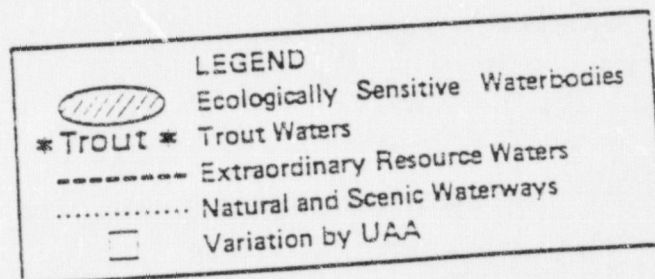
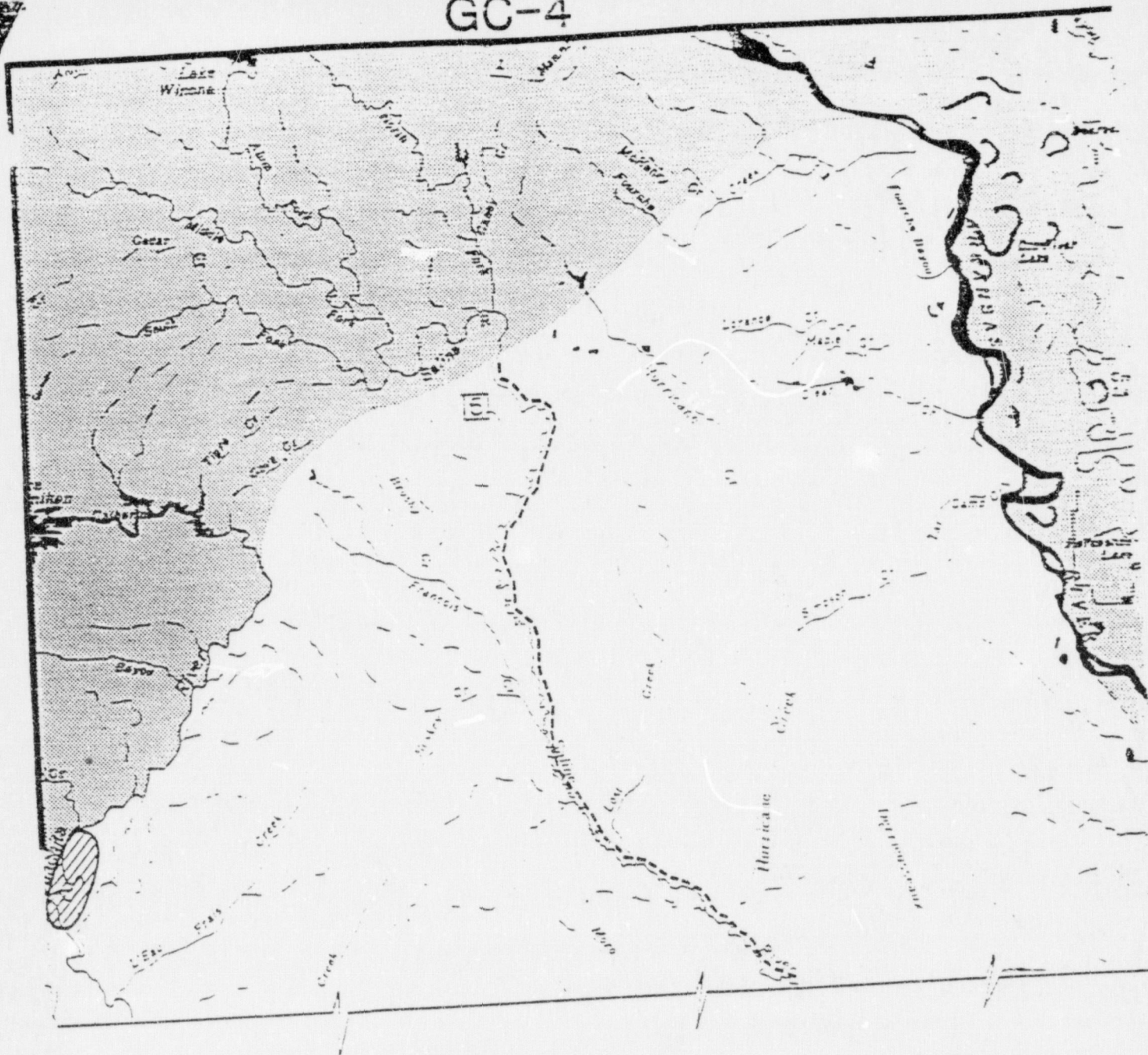


GC-2

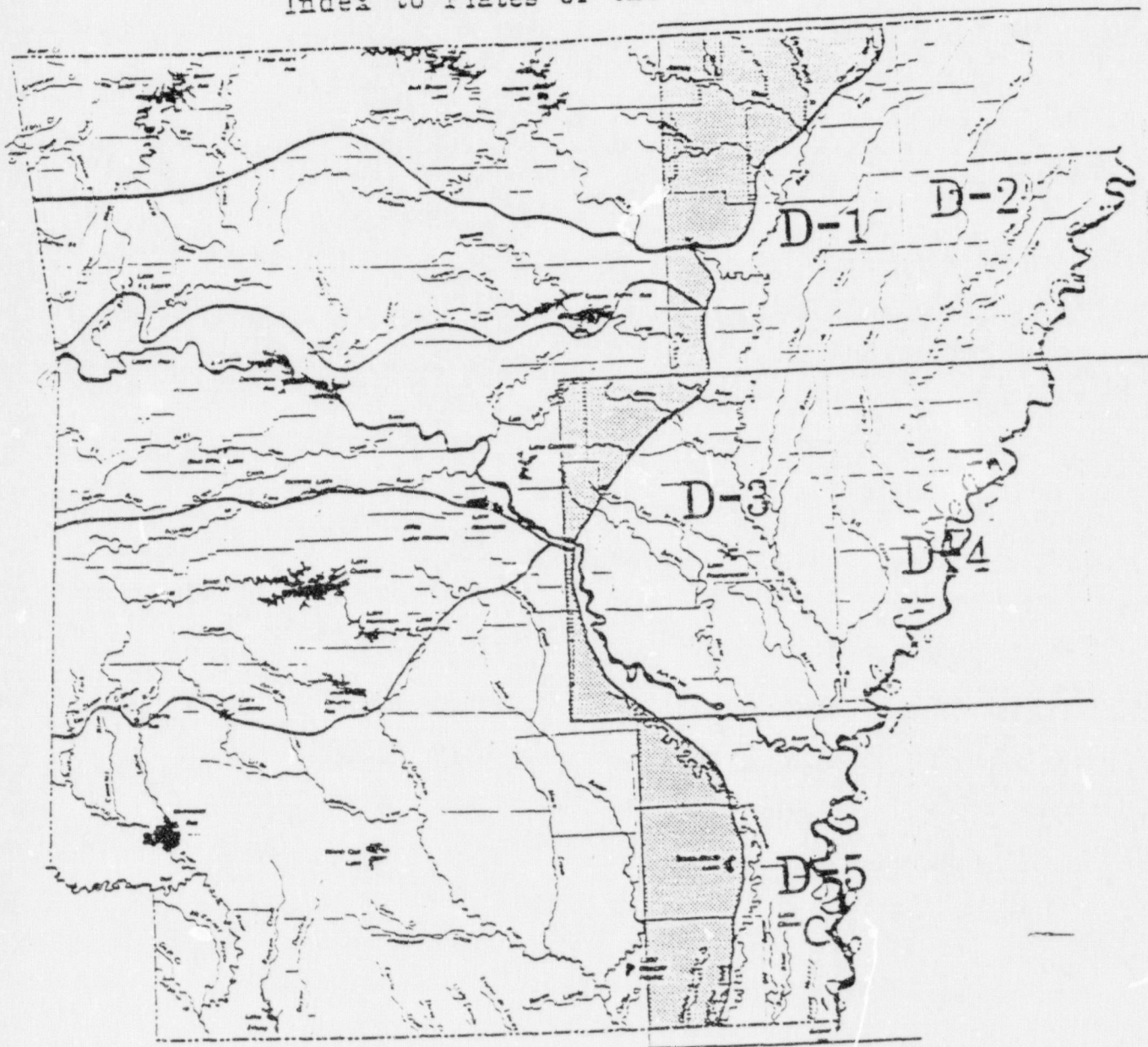


GC-3





Index to Plates of the Delta



Extraordinary Resource Waters

Second Creek (D-4)
Cache River above Cache Bayou - adjacent to natural areas (D-2)
Arkansas River below Dam #2 (D-3)
Strawberry River (D-1)
Two Prairie Bayou adjacent to natural areas (D-2)

Natural and Scenic Waterways

None

Ecologically Sensitive Waterbodies

Lower St. Francis River and lower 10 miles of Sturgeon Slough - location of the pocketbook mussel (D-2, D-4)
Right Hand Chute at confluence with St. Francis River - location of the pocketbook mussel (D-2)
Depatee Creek - location of the pocketbook mussel (D-1)
Black River at mouth of Spring River - location of black sucker mussel (D-1)

Primary Contact Recreation - all streams with watersheds of greater than 10 mi² and all lakes/reservoirs

Secondary Contact Recreation - all waters

Domestic, Industrial and Agricultural Water Supply - all waters

Fisheries

Trout - none

Lakes and Reservoirs - all

Streams

Seasonal Delta fishery - all streams with watersheds of less than 10 mi² except as otherwise provided in 66(F)

Perennial Delta fishery - all streams with watersheds 10 mi² or larger and those waters where discharges equal or exceed 1 cfs

Use Variations Supported by CWA

Unnamed ditch to Little Lake Bayou - perennial Delta fishery (D-2, 4)
Little Lake Bayou - seasonal Delta fishery; no primary contact (D-2, 4)

Delta Region
Stations D-1, D-2, D-3, D-4

	<u>Upper-Missouri</u>	<u>Central-Missouri</u>	<u>Lower-Missouri</u>
Temperature - °C (°F)	20 (68)	22 (80.6)	23 (80.6)
White River	20 (68.0)		
St. Francis River	20 (68.0)		
Mississippi River	20 (68.0)		
Arkansas River	20 (68.0)		
Turbidity (NTU)	40	75	25
Arkansas River	400		
Mississippi River	400		
St. Francis River	40		
Minerals	see 66(X)	see 66(X)	see 66(X)
Dissolved Oxygen - (mg/l)	<u>Day</u> <u>Night</u>	<u>Day</u> <u>Night</u>	see 66(X)
<10 mi ² watershed	0 1	0 1	
10 mi ² to 100 mi ²	0 1	0 1	
>100 mi ² watershed	0 0	0 0	

All other standards (same as statewide)

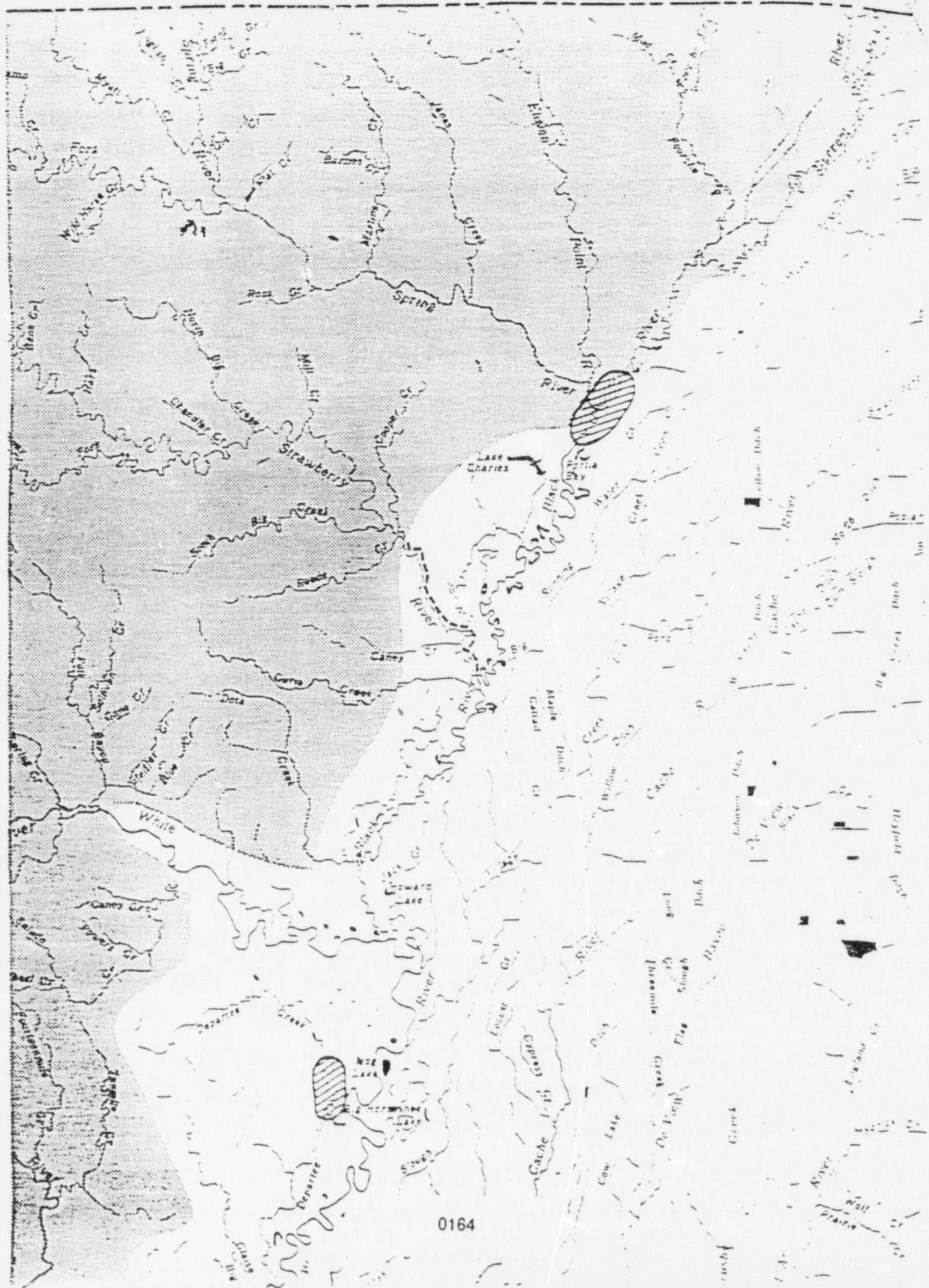
Variations Suggested by EPA

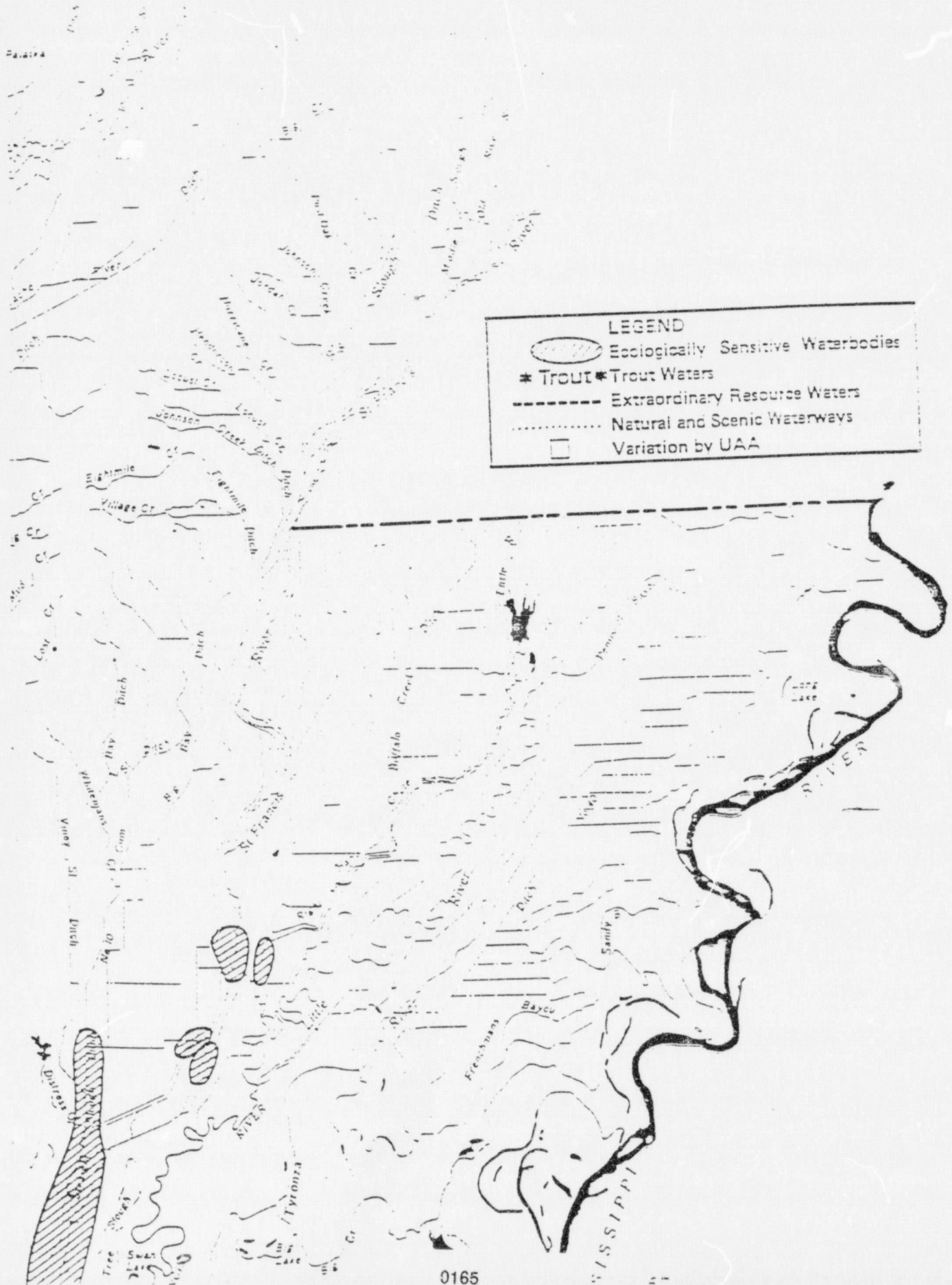
Unnamed ditch to Little Lagune Bayou - from headwaters to confluence with Little
 Lagune Bayou, critical season D.O. standard - 3 mg/l (D-3, #1)
 Little Lake Bayou - critical season D.O. standard - 2 mg/l (D-3, #2)

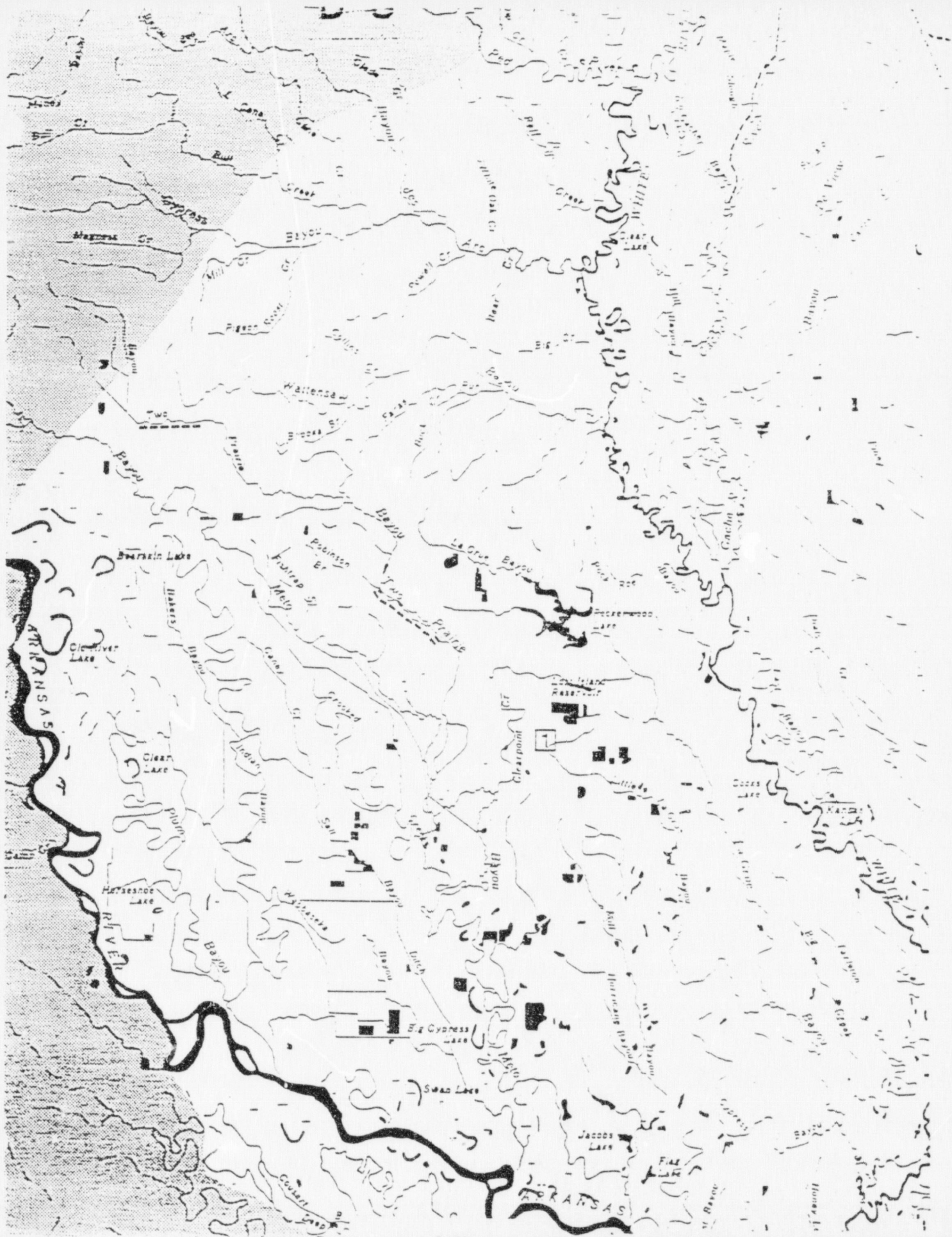
* All waterbodies beginning and lying predominantly within the Delta's State Geologic region will be addressed on a site-specific basis.

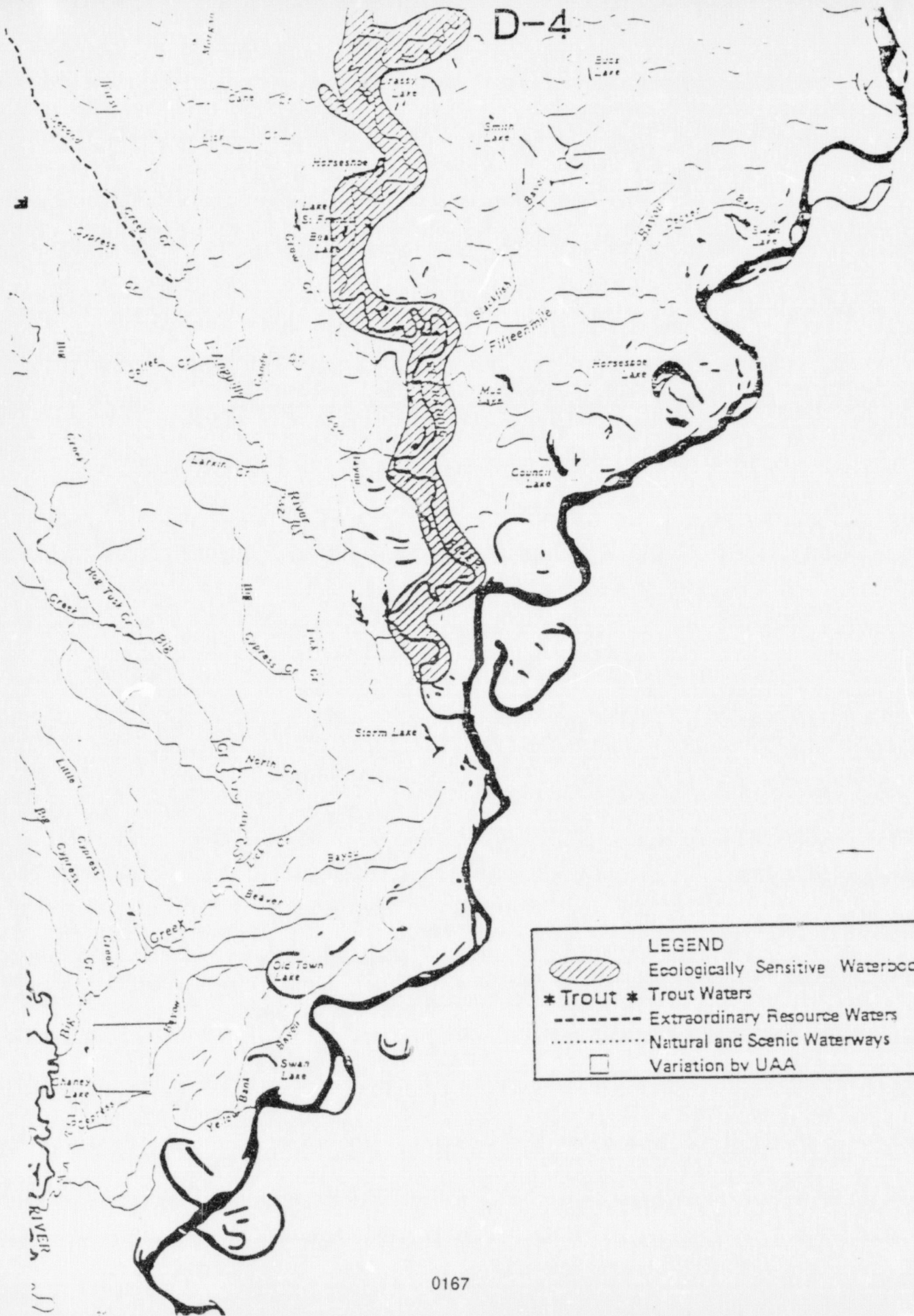
** Increase over natural temperatures may not be more than 2.0°C (3.6°F).

*** At water temperature of 10°C or lower the primary season D.O. standard will be 6.5 mg/l. When water temperatures exceed 22°C, the critical season D.O. standards may be depressed by 1 mg/l for no more than 8 hours during a 24-hour period.









Diet /
Swamp

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

COLORADO RIVER BASIN • REGION 7

73-720 FRED WARING DR., SUITE 100

PALM DESERT, CA 92260

Phone (619) 346-7491

FAX (619) 341-6820



OCT 17 1995

Julie Donsky
Dames and Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

RE: Environmental Impact Report for Merger of the Union Pacific and Southern Pacific Railroads

Regional Board staff has reviewed your project proposal. Staff has made the following determinations based on their preliminary review. The items which are checked may pertain to your project. Please contact the staff person checked below and they will be glad to answer your questions.

- ☒ Based on the review of your project proposal, staff was not able to determine the size of the area which may be disturbed during construction. A National Pollutant Discharge Elimination System (NPDES) permit for storm water discharges associated with construction activities is needed for projects which disturb 5 acres or more. This also applies to projects which are part of a common plan which may disturb 5 acres or more.
- ☐ An NPDES permit for storm water discharges associated with industrial facilities is required due to the facilities Standard Industrial Classification.
- ☐ Waste Discharge Requirements may be required for the grouped or community septic tank/seepage pit or leach field system.
- ☐ Waste Discharge Requirements may be required for the disposal of processed or treated wastewater. Facilities which commonly require waste discharge requirements are: car and truck washes, sand and gravel washing operations, concentrated animal feeding operations, aquatic animal production facilities, manufacturing facilities, and facilities which use reclaimed wastewater for landscape purposes.
- ☐ Waste Discharge Requirements or a National Pollutant Discharge Elimination System Permit is required for the discharge of treated wastewater and sludge.
- ☐ The Regional Board may issue General Waste Discharge Requirements for this project if it involves; ☐ discharges of water used for the hydrostatic testing of pipelines, ☐ a confined animal facility, ☐ discharges of extracted and treated ground water, ☐ other discharge facilities.
- ☐ A Fuel Storage Statement may need to be filed with the State Water Resources Control Board. This requirement is dependent on the size of the fuel storage facilities.

California Environmental Protection Agency

James M. Strock, Secretary for Environmental Protection

State of California

Pete Wilson, Governor

DEPARTMENT OF PESTICIDE REGULATION

James W. Wells, Director

1020 N Street, Room 100
Sacramento California 95814



October 26, 1995

Ms. Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Re: Your Letter of 9/30/95; Public Records Act Request

Dear Ms. Donsky:

I am in receipt of your requests for documents under the California Public Records Act (Government Code §6250, et. seq.), which have been forwarded to me from our parent agency -- the California Environmental Protection Agency (Cal-EPA). All requests for public records made to Cal-EPA are forwarded to each of the individual Departments for review. Because of this, many of the requests we receive are not applicable to any documents which we maintain.

The information you have requested does not appear directed toward any records that may be maintained by the Department of Pesticide Regulation, as we do not compile records relating to any specific "sites."

If you are requesting any documents which you believe may be maintained by this Department, please specify the type of document so that we may process your request.

If I do not receive a response to this letter by November 21, 1995 will assume your request does not pertain to any records involving pesticides.

If you have any questions, please feel free to contact me.

Sincerely,

William J. Lenkeit
Staff Counsel (916) 324-2666

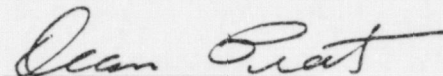
0170

OCT 17 1995

Julie Donsky
Dames and Moore
Page 2

- X Projects which may impact "Waters of the U.S.", may require a Clean Water Act (CWA) Section 404 permit issued by the United States Army Corps of Engineers (Corps). A CWA Section 401 Water Quality Certification is required in order to obtain the Section 404 permit from the Corps.
- Projects which use chemical dust control suppressants are reviewed on a case by case basis and may require Waste Discharge Requirements.
- General Comments:

If you would like more information or have any questions, please contact me at (619) 776-8966.



DEAN PRAT
Engineering Geologist

DP/pkg

File: ER GCOM 1.1

California Environmental Protection Agency

Air Resources Board • Department of Pesticide Regulation • Department of Toxic Substances Control • Integrated Waste Management Board
Office of Environmental Health Hazard Assessment • State Water Resources Control Board • Regional Water Quality Control Boards

Pete Wilson
Governor



October 16, 1995

James M. Strock
Secretary for Environmental Protection

Dames & Moore
Julie Donsky, Environmental Scientist
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Re: Public Records Act Request: Union Pacific & Southern Pacific Railroads - Colton, Keenbrook, Mira Loma, Montclair, Ontario, Riverside Jct., Pomona, Summit, Lathrop, Marysville, Oakland, Stockton, Warm Springs, East Los Angeles, Los Angeles, LATC, Pomona to Colton, Beaumont to Indio, Indio to Cactus, and Dormer Pass, all in California.

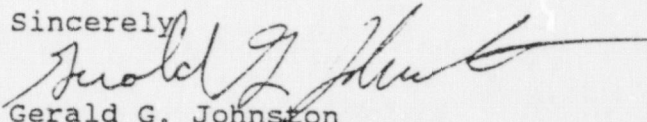
Dear Ms. Donsky:

We have received your September 30, 1995 letter which contains your request for records pursuant to the California Public Records Act and Request for general information. For your information, the California Environmental Protection Agency (Cal/EPA) consists of the following entities:

Office of the Secretary
Integrated Waste Management Board
Water Resources Control Board
Air Resources Board
Department of Toxic Substances
Department of Pesticide Regulation
Office of Environmental Health Hazard Assessment

We have forwarded a copy of your request to the Departments listed in the event that you have not contacted them separately. While they are not bound by the time limits of the Public Records Act based on your request to Cal/EPA, it is the policy of all Cal/EPA agencies to provide information on such matters as soon as possible. If any of the agencies have any information covered in your request, they will contact you directly. If you have any questions, please contact me at (916) 327-2064.

Sincerely,


Gerald G. Johnston
Assistant Secretary for Law
Enforcement and Counsel

cc: Cal/EPA Boards and Departments

555 Capitol Mall, Suite 235 • Sacramento, California 95814 • (916) 445-3846 • Fax: (916) 445-6401

List of Boards and Departments

Air Resources Board
Attn: Jerry Martin
Public Information Office
2020 L Street
Sacramento, CA 95814

Department of Toxic Substances Control
Attn: Joe Irvin
Public Participation Unit
411 P Street
P.O. Box 806
Sacramento, CA 95812-0806

Office of Environmental Health Hazard Assessment
William Soo Hoo, Chief Counsel
601 North 7th Street, #307
Sacramento, CA 95814

Department of Pesticide Regulations
Victoria Gall, Senior Staff Counsel
1220 N Street, Room A-414
Sacramento, CA 95814

California Integrated Waste Board
Kathryn Tobias, Chief Counsel
8800 Cal Center Drive
Sacramento, CA 95826

Water Resources Control Board
Bill Attwater, Chief Counsel
901 P Street
Sacramento, CA 95814

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Region 4
245 West Broadway, Suite 425
Long Beach, CA 90802-4444



October 10, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

REQUESTED INFORMATION WITH RESPECT TO THE MERGER OF UNION PACIFIC
AND SOUTHERN PACIFIC RAILROADS

On October 3, 1995, the U.S. EPA, Region IX forwarded your letter dated September 26, 1995 to the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) for comments. Your letter stated that an environmental report is proposed for the merger of Union Pacific and Southern Pacific railroads, and requested comments regarding concerns which may arise because of constructions and/or increase in rail activities between Colton, California and El Paso, Texas. Your letter also requested information regarding the environmental settings of the specified region effected by the merger.

DTSC, unfortunately, does not have the requested information regarding listing of critical habitats, protected species within 5 miles of the proposed project, or locations of parks and refuges in proximity of the proposed project. DTSC advises you to contact the California Department of Fish and Games at (916) 653-7664 as a possible source for these information within the State of California.

Since railroad construction, expansion or increase in rail activities in general are not related to hazardous waste management, a permit is not required by the DTSC. Our authorized responsibility is mainly to oversee and govern the handling and management of hazardous waste at storage, treatment, or disposal facilities. However, we are a responsible agency in accordance with the California Environmental Quality Act and will review environmental impact reports for projects which may have an adverse impact on human health or the environment. We request that you maintain the DTSC as a reviewing agency for the proposed environmental impact report and notify us immediately if the proposed project will involve the management or handling of hazardous waste.

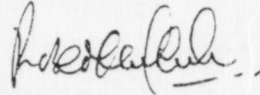
0174



Ms. Julie Donsky
October 10, 1995
Page 2

If you have any questions regarding this matter, please feel free to contact Mr. Aaron Yue at (310) 590-4897.

Sincerely,



Robert M. Senga,
Unit Chief
Facility Permitting Branch

cc: Ms. Carmen Santos
U.S. Environmental Protection Agency
Region IX, H-3-1
75 Hawthorne Street
San Francisco, California 94105

Mr. Mohinder S. Sandhu, P.E., Chief
Facility Permitting Branch
Region 4
Department of Toxic Substances Control
245 West Broadway, Suite 350
Long Beach, California 90802

Ms. Pam Bennett, Director
San Bernardino County
Department of Environmental Health
385 North Arrowhead Avenue
San Bernardino, California 92415

Mr. John Fanning, Director
Riverside County Department of Health
Hazardous Material Management Program
4065 County Circle Drive
P.O. Box 7600
Riverside, California 92513-7600

Mr. Thomas L. Wolf, Director
Division of Environmental Health Services
Imperial County
939 Main Street
El Centro, California 92243

Ms. Valerie Vilmer, Director
Planning Department
San Bernardino County
385 North Arrowhead Avenue
San Bernardino, California 92415-0182

Ms. Julie Donsky
October 10, 1995
Page 3

cc: Ms. Aleta Laurence, Director
Planning Department
Riverside County
4080 Lemon Street, 9th Floor
Riverside, California 92501

Mr. Jurg Heuberger, Director
Planning Department
Imperial County
939 Main Street
El Centro, California 92243

OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT



November 2, 1995

Dames & Moore
Julie Donsky, Environmental Scientist
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

Gerald Johnston of the California Protection Agency forwarded a copy of your letter of October 4, 1995, concerning a Public Records Act request on two sections of the Southern Pacific and the Union Pacific railroads, Oakland to Sacramento and Calton to Pomona, in California. The Office of Environmental Health Hazard Assessment has not been involved in any activities concerning these track sections and, therefore, has no documents, correspondences, memorandums, or reports on the subjects listed in your letter.

If you have any questions, please call me at (916) 324-2829.

Sincerely,

David M. Siegel, Ph.D., Chief
Hazardous Waste Toxicology Section

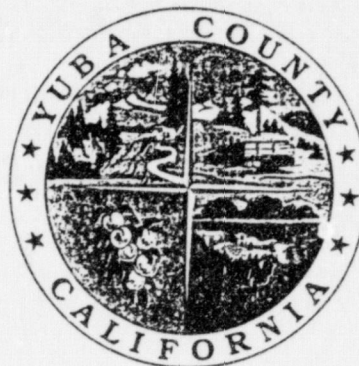
cc: William F. Soo Hoo
Chief Counsel



The County of Yuba

PLANNING DEPARTMENT

938 14TH STREET, MARYSVILLE, CALIFORNIA 95901



(916) 741-6419
(916) 741-6410
FAX (916) 741-6530

JAMES P. MANNING
DIRECTOR

October 23, 1995

Dames & Moore, Inc.
ATTN: Julie Donsky
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Ill 60008

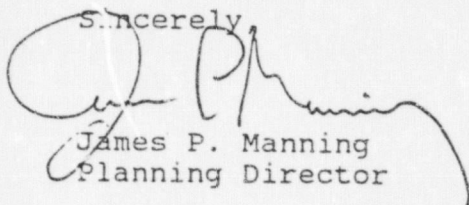
Dear Ms. Donsky,

This is in response to your request for comments regarding the merger of the Union Pacific and Southern Pacific Railroads, specifically with regard to the Marysville, California project area. This appears to be a very preliminary proposal and the exact location of the new connection #11 may not be as shown on the project map. The new connection #11 is shown as crossing the Catholic Cemetery and based on this map would significantly impact this cemetery. One concern would be, if the impact to the cemetery has been considered and if there are plans to avoid the cemetery or how the potential impacts will be mitigated.

Another concern is the crossing on Highway 70 and if this facility will be modified as a result of the project. Currently, the underpass at this point is narrow and has a height restriction that occasionally impairs truck traffic. If the underpass is to be modified, consideration should also be given to its impact to flood protection in relation to the city's levee system. This is the only point of ingress or egress from the City of Marysville that is below the height of the levee.

Thank you for the opportunity to comment on this project.

Sincerely,


James P. Manning
Planning Director

RIVERSIDE COUNTY PLANNING DEPARTMENT**QUICK FAX**

Fax No. (909) 275-3157

PLEASE DELIVER IMMEDIATELY

TO: Julie Donsky, Environmental Specialist, Dames & MooreFAX No. 708-228-1115 PHONE No. 708-228-0707FROM: John Guerin DIVISION Advance PlanningPHONE: 909-275-1872 TRANSMITTAL DATE: November 6, 1995TOTAL NUMBER OF PAGES (include cover sheet) 2Original will follow - YES NO X

SPECIAL INSTRUCTIONS: ① We cannot return out-of-state calls, but we can return calls to a California office of your firm. If appropriate, please indicate a California phone number.

COMMENTS: ② We do not believe that the County of Riverside Planning Department has any permitting authority over the actions identified. We encourage you to contact the

State of California Public Utilities Commission.
③ Noise and safety are general concerns with the establishment of additional transportation facilities. Will the project increase the number of rail operations along these segments? Will additional conflicts be created between rail and vehicular traffic?

④ See attachment.

4080 LEMON STREET, 9th FLOOR
P.O. BOX 1409
RIVERSIDE, CALIFORNIA 92502-1409
(909) 275-3270
FAX (909) 275-3157

79-733 COUNTRY CLUB DR., Suite E
BERMUDA DUNES, CA 92201
(619) 863-8277
FAX (619) 863-2062

You have requested that we provide information regarding protected species, critical habitats, and parks and refuges within five miles of rail segments which would be affected by the proposed UPRR/SPRR merger.

Please be advised that the generation of such information is subject to a research fee. This fee is calculated at a rate of \$58.87 per hour of professional planners' time and \$42.00 per hour of GIS staff time. A cost estimate cannot be prepared until we have a better understanding of the level of detail you are requesting. (For example, for the Salvia to Rincon segment, are you interested in knowing the acreage of land set aside as preserve for the Coachella Valley Fringe-toed Lizard within five miles of the affected rail line, or simply that Coachella Valley Fringe-toed Lizard is a species of concern in this area?)

Our first step, of course, is to determine whether your firm wishes to proceed with this information request with the understanding that time spent would be compensated as indicated above. If you wish to proceed on this "research fee" basis, please indicate the requested level of detail so that an appropriate cost estimate can be made. (We are probably looking at at least 2 hours of planner time and 4 hours of GIS time for a "list" - \$285.74 - longer if you want mapped information.)

We do have some General Plan maps prepared in 1983. Wildlife, vegetation, and parks would run about \$59 if mailed and packaged together. However, this information is of limited usefulness and likely outdated.

0180

John J.G. Guerin

STATE OF COLORADO

DIVISION OF LOCAL GOVERNMENT

Harold A. Knott, Director

Department of Local Affairs



Roy Komer
Governor
Larry Kallenberger
Executive
Director

October 30, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Reference: Environmental Report for the
Application for Merger of the Union Pacific
and Southern Pacific Railroads (Canceled
Projects)

Dear Ms. Donsky:

Please be advised that the Division has **ceased the activities of the Colorado Intergovernmental Review System and ceased serving as the E. O. 12372 Single Point of Contact (SPOC) as of July 1, 1994**. We have joined 16 other states that no longer participate in this federally-mandated intergovernmental review process.

I am returning to you today the documents you recently transmitted to us.

Please do not hesitate to call me at (303) 866-5545 if I can provide any further information.

Sincerely,

Margaret Dubas

Margaret Dubas, Program Assistant
Local Services

0181

STATE OF COLORADO

DIVISION OF LOCAL GOVERNMENT

Harold A. Knott, Director

Department of Local Affairs



Roy Romer
Governor

Larry Kallenberger
Executive
Director

October 13, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Reference: Environmental Report for the
Application for Merger of the Union Pacific
and Southern Pacific Railroads
(Construction Projects)

Dear Ms. Donsky:

Please be advised that the Division has **ceased the activities of the Colorado Intergovernmental Review System and ceased serving as the E. O. 12372 Single Point of Contact (SPOC) as of July 1, 1994.** We have joined 16 other states that no longer participate in this federally-mandated intergovernmental review process.

I am returning to you today the documents you recently transmitted to us.

Please do not hesitate to call me at (303) 866-5545 if I can provide any further information.

Sincerely,

Margaret Dubas

Margaret Dubas, Program Assistant
Local Services

0182



COLORADO
HISTORICAL
SOCIETY

The Colorado History Museum 1300 Broadway Denver, Colorado 80203-2137

October 11, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Re: Union Pacific and Southern Pacific Railroads - Application for Merger and Seven
Proposed Rail Construction Projects

Dear Ms. Donsky:

Thank you for your correspondence dated September 30, 1995, concerning the above undertaking having Interstate Commerce Commission involvement.

A search of the Colorado Inventory of Cultural Resources indicates only one known historic property located within the areas of potential effects (APE) of the seven rail construction projects. It appears that the Clifford School (5LN96) may be within the vicinity of the Clifford siding extension project. Therefore, we will need to establish whether it is actually within the APE.

If any of these construction projects involves a property fifty or more years of age, it will be necessary to consult with our office regarding whether such property meets the National Register of Historic Places eligibility criteria. In addition, should subsurface archaeological resources be encountered during ground disturbing activities, it will be necessary to halt the work until such resources can be evaluated in consultation with our office.

It is our opinion that the merger itself will have no effect on historic properties. However, our office has no expertise or authority to comment on the other issues addressed in your letter.

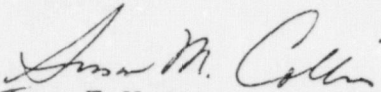
0183


OFFICE OF ARCHAEOLOGY AND HISTORIC PRESERVATION
303-866-3392 Fax 303-866-4464

Julie Donsky
October 11, 1995
Page 2

If we may be of further assistance, please contact Kaaren Hardy-Hunt, our Technical Services Director, at (303) 866-3398.

Sincerely,



 James E. Hartmann
State Historic Preservation Officer

JEH/KKP

0184



COLORADO
HISTORICAL
SOCIETY

The Colorado History Museum 1300 Broadway Denver, Colorado 80203-2137

October 24, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Re: Environmental Report - Merger of Union Pacific and Southern Pacific Railroads

Dear Ms. Donsky:

Thank you for your correspondence dated October 4, 1995, concerning the above undertaking having Interstate Commerce Commission involvement.

The nature of the proposed project is such that there will be no effect on historic properties. However, we look forward to further consultation in the event that new construction and/or abandonment activities related to this proposed merger are contemplated.

Since our area of expertise pertains to historic properties (cultural resources), we are unable to provide information about the other issues mentioned in your letter. There are other state agencies which should be able to address those concerns.

If we may be of further assistance, please contact Kaaren Hardy-Hunt, our Technical Services Director, at (303) 866-3398.

Sincerely,

James E. Hartmann
State Historic Preservation Officer

JEH/KKP

0185

OFFICE OF ARCHAEOLOGY AND HISTORIC PRESERVATION
303-866-3392 Fax 303-866-4464

BOARD OF COUNTY COMMISSIONERS

Lincoln County
P.O Box 67
Hugo, Colorado 80821
(719) 743-2842

F. Eugene Vick
District #1

Charles R. Covington
District #2

Cherry Stogsdill
District #3

Roxana Devers
Clerk of the Board

October 20, 1995

Dames & Moore
Attn: Julie Donsky
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Dear Ms. Donsky:

The Lincoln County Commissioners received your request for information to help with preparation of the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. The Commissioners asked me to advise you that they have no concerns or information regarding the specific items you noted.

If you need anything further please contact us.

Sincerely,



Roxana Devers
Clerk of the Board

rd

BOARD OF COUNTY COMMISSIONERS

Lincoln County

P.O Box 67

Hugo, Colorado 80821

(719) 743-2842

F. Eugene Vick
District #1

Charles R. Covington
District #2

Cherry Stogsdill
District #3

Roxana Devers
Clerk of the Board

October 31, 1995

Dames & Moore
Attn: Julie Donsky
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Dear Ms. Donsky:

The Board received your request for information on additional construction projects in order for you to complete the Environmental report. As with the first request, the Board has nothing to report to you.

Sincerely,



Roxana Devers
Clerk of the Board

rd



Illinois Historic Preservation Agency

1 Old State Capitol Plaza • Springfield, Illinois 62701-1507 • (217) 782-4836 • TTY (217) 524-7128

217/785-4997

REGIONAL COUNTY
Union Pacific & Southern Pacific RR's

PLEASE REFER TO:
IHPA LOG #950926014PRG

October 11, 1995

Ms. Julie Donsky, Environmental Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Sir:

Thank you for requesting comments from our office concerning the possible effects of the project referenced above on cultural resources. Our comments are required by Section 106 of the National Historic Preservation Act of 1966 (16 USC 470), as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties".

Please provide photographs (originals, not xerox copies) of all standing structures within the proposed project areas.

The project area has not been surveyed and may contain prehistoric/historic archaeological resources. Accordingly, a Phase I archaeological reconnaissance survey to locate, identify, and record all archaeological resources within the project area will be required. This decision is based upon our understanding that there has not been any large scale disturbance of the ground surface (excluding agricultural activities) such as major construction activity within the project area which would have destroyed existing cultural resources. If the area has been heavily disturbed prior to your project, please contact our office with the appropriate written and/or photographic evidence.

The area(s) that need(s) to be surveyed include(s) all area(s) that will be developed as a result of the issuance of the federal agency permit(s) or the granting of the federal grants, funds, or loan guarantees that have prompted this review.

Enclosed you will find an attachment briefly describing Phase I surveys and a list of archaeological contracting services. THE IHPA LOG NUMBER OR A COPY OF THIS LETTER SHOULD BE PROVIDED TO THE SELECTED PROFESSIONAL ARCHAEOLOGICAL CONTRACTOR TO ENSURE THAT THE SURVEY RESULTS ARE CONNECTED TO YOUR PROJECT PAPERWORK.

If you have any questions concerning standing structures please contact Tracey Sculle at (217)785-3977, with questions concerning archaeology please contact Joseph S. Phillippe, Staff Archaeologist, Illinois Historic Preservation Agency, Old State Capitol, Springfield, Illinois 62701, 217/785-1279.

Sincerely,

Anne E. Haaker
Deputy State Historic
Preservation Officer

AEH:JSP

Enclosure: Contractor List

0188

STB

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1648V23

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PROTECTING ILLINOIS' CULTURAL RESOURCES
An Introduction to Archaeological Surveys

Prepared by
ILLINOIS STATE HISTORIC PRESERVATION OFFICE

When you read the accompanying letter, you were notified that your Federal or State permitted, funded, or licensed project will require an archaeological survey. The purpose of this survey will be to determine if prehistoric or historic resources are present within the project area. If you are the average applicant you have had little or no experience with such surveys - this short introduction is designed to help you fulfill the Federal/State requirements and complete the process.

WHY PROTECT HISTORIC RESOURCES? Historic preservation legislation grew out of the public concern for the rapid loss of our prehistoric and historic heritage in the wake of increasingly large-scale Federal/State and private development. The legislation is an attempt to protect our heritage while at the same time allowing economic development to go forward.

WHAT IS THE LEGAL BASIS? The basis for all subsequent historic preservation legislation lies within the National Historic Preservation Act of 1966 (NHPA). Section 106 of NHPA requires all Federal Agencies' "undertakings" to "take into account" their effect on historic properties. As of January 1, 1990, the State Agency Historic Resources Preservation Act (Public Act 86-707) requires the same for all private or public undertakings. An "undertaking" is defined to cover a wide range of Federal or State permitting, funding, and licensing activities. It is the responsibility of Federal/State Agencies to ensure the protection of historic resources and this effort is regulated by the State Historic Preservation Office (SHPO). In Illinois the SHPO is part of the Illinois Historic Preservation Agency (IHPA).

WHAT IS AN ARCHAEOLOGICAL SURVEY? An archaeological survey includes both (1) an examination of the written records, such as county plat books, published and unpublished archaeological reports, state site files, and (2) a field investigation of the project area to determine if prehistoric or historic resources are present. This process of resource identification is called a Phase I survey.

WHAT DOES A PHASE I SURVEY REQUIRE? Archaeological evidence is normally buried beneath the surface of the ground. To determine if an archaeological site is present it is necessary to get below this surface. The most efficient way is by plowing. If the project area is or can be plowed then the artifactual evidence will be brought to the surface and systematic pedestrian surveys (walkovers) will determine if a site is present. These walkovers are best done when the vegetation is low in the fall or spring. If the project area is covered with vegetation then small shovel probes (1' sq.) are excavated on a systematic grid pattern (usually 50' intervals) to sample the subsurface deposits. Where deeply buried sites may be present, such as in floodplains, deep coring or machine trenching may be required.

WHO DOES ARCHAEOLOGICAL SURVEYS? Professional archaeologists who meet the Federal standards set forth in the Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9) may conduct Federal surveys, while those meeting the State standards set forth in the Archaeological and Paleontological Resources Protection Act (20 ILCS 3435) may conduct State surveys (see the other side of this sheet for information on obtaining the services of a contract archaeologist). The applicant is responsible for obtaining and paying for such services.

AFTER THE SURVEY - WHAT NEXT? When the field investigations are completed the archaeologist will submit a report of their findings and recommendations to the applicant. It is the responsibility of the applicant to forward a copy to the SHPO for evaluation and findings. If no sites were found or the sites found are not eligible for the National Register the project may proceed. Occasionally, an significant archaeological site may be encountered. In such a case the SHPO and the Federal or State Agency will work with the applicant to protect both the cultural resources and to facilitate the completion of your project.

NEED FURTHER ASSISTANCE? The IHPA is here to assist you and the Federal/State agencies in complying with the mandates of the historic preservation legislation. If you have questions or need assistance with archaeological resources protection or Federal/State compliance, please contact the Archaeology Section, Preservation Services Division, Illinois Historic Preservation Agency, Old State Capital Building, Springfield, Illinois 62701 (217/785-4997).

ILLINOIS-BASED ARCHAEOLOGICAL CONSULTING SERVICES

In order to assist agencies, engineering firms, and others who require professional archaeological services the Illinois Historic Preservation Agency (IHPA) has listed below Illinois-based professional archaeologists currently performing contract archaeological compliance work. These individuals fulfill Federal qualifications. This list is provided for your assistance, however, you may use any archaeologist who meets the minimum qualifications as set forth in Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9). Federal regulations require a graduate degree in anthropology/archaeology and 16 months of professional experience. If you have any questions concerning an archaeologist's qualifications please contact the IHPA at 217/785-4997. THE INCLUSION OF ORGANIZATIONS ON THIS LIST DOES NOT CONSTITUTE ANY RECOMMENDATION OR ENDORSEMENT OF THEIR QUALIFICATIONS, PROFESSIONAL EXPERTISE, OR PERFORMANCE RECORD BY THE IHPA OR THE IAS.

Dr. Rochelle Lurie
815/943-3399 (fax same)
Midwestern Archaeological Research
Services, Inc.
18906 Hebron Road
Harvard, Illinois 60033

Dr. James Brown
708/491-5402
Department of Anthropology
Northwestern University
Evanston, Illinois 60201

Dr. Mark Mehrer
815/753-0293 / 815/753-6302 (fax)
Department of Anthropology
Northern Illinois University
DeKalb, Illinois 60115

Mr. David Keane
312/243-8282 / 312/243-9391 (fax)
Archaeological Research, Inc.
70 West Jackson Avenue, Suite 6 East
Chicago, Illinois 60607

Mr. John Carr
708/748-2600
Contract Archaeology Group
P.O. Box 291
Flossmoor, Illinois 60422-0291

Ms. Lynn M. Gierak
708/993-9000 / 708/993-9017 (fax)
Mostardi-Platt Associates, Inc.
945 Oaklawn Avenue
Elmhurst, Illinois 60126-1012

Mr. Jaff Schuh
708/856-7050
Patrick Engineering, Inc.
346 Taft Avenue
Glen Ellyn, Illinois 60137

Mr. Douglas Kullen
708/896-9375
Allied Archeology
204 South Glenwood Place
Aurora, Illinois 60506

Dr. Kevin P. McGowan
708/548-7961 (fax same)
Public Service Archaeology Program --
Chicagoland Office (Univ. of Illinois)
P.O. Box 7085
Jayslake, Illinois 60030

Dr. Paul P. Kreisa
Public Service Archaeology Program
217/333-1636 / 217/244-1911 (Fax)
Department of Anthropology
University of Illinois
109 Davenport Hall
607 South Matthews Avenue
Urbana, Illinois 61801

Dr. Thomas E. Emerson
Illinois Transportation Archaeological
Research Program (Univ. of Illinois)
217/244-7476 / 217/244-7458 (Fax)

Dr. Charles L. Rohrbaugh
309/454-6590
Archaeological Consultants
320 Robert Drive
Normal, Illinois 61761

Mr. Keith L. Barr
309/778-2536
Archaeological & Architectural Surveys
Old Inn Farm
R.R. 1
Fairview, Illinois 61432

Mr. Joseph Craig
217/788-2450
Ranson Engineers, Inc.
1525 South Sixth Street
Springfield, Illinois 62703

Mr. David J. Halpin
Cultural Resource Services
800/483-6945 / 217/793-1805
P.O. Box 7104
Springfield, Illinois 62791

Mr. Floyd Mansberger
217/525-9002 / 217/525-6093 (fax)
Fever River Research
P.O. Box 5234
Springfield, Illinois 62705

Dr. Michael Wiant
Illinois State Museum Society
217/785-0134
Research & Collections Center
Illinois State Museum
1011 East Ash Street
Springfield, Illinois 62703

Ms. Sarah Studenmund
618/653-4432
Mr. Kenneth B. Farnsworth
or **Ms. Jodie O'Gorman**
618/653-4316
Center for American Archeology
(Kampsville Archeological Center)
P.O. Box 22
Kampsville, Illinois 62053

Mr. Lawrence A. Conrad
309/298-1188
Archaeology Laboratory
Western Illinois University
201 Tillman Hall
Macomb, Illinois 61455

Dr. William I. Woods
618/692-3641
Ms. Christy L. Wells
618/692-2059 / 618/692-2079 (Fax)
Contract Archaeology Program,
Box 1458
Southern Illinois University
Edwardsville, Illinois 62026

Dr. Charles W. Markman
314/721-7868 / 314/862-6712 (fax)
CHARKMAN@ARTSCI.WUSTL.EDU
Markman & Associates, Inc.
P.O. Box 192
Columbia, Illinois 62236

Mr. Dennis Naglich
Archaeological Research Center
of St. Louis (Illinois office)
314/553-5208/cr 6020
314/553-5853 (Fax)
313 Filmore Street, P.O. Box 444
Warden, Illinois 62097-0444

Mr. Michael J. McNerney
618/529-2741
American Resources Group, Ltd
127 North Washington Street
Carbondale, Illinois 62901

Dr. Brian M. Butler
Mr. Mark J. Wagner
618/453-5031 / 618/453-3253 (Fax)
Center for Archaeological
Investigations
Southern Illinois University
Carbondale, Illinois 62901



ST. CLAIR COUNTY BOARD

JOHN BARICEVIC
CHAIRMAN

10 Public Square • Room B561 • Belleville, Illinois 62220-1623

TEL 277-2268

5181 277-6600
FAX 277-2268

October 30, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Dear Ms. Donsky:

It would be best for you to contact the Illinois Environmental Protection Agency or the Illinois Department of Conservation in Springfield for the information requested.

Sincerely, -

A handwritten signature in cursive script, reading "John Baricevic", is written over the typed name.

JOHN BARICEVIC, Chairman
St. Clair County Board

JB/ch

cc: Terry Beach, Deputy Director, Grants Dept.
Jerry Chartrand County Board Member, Dist. 16



COUNTY OF DE KALB
PLANNING/ZONING/BUILDING DEPARTMENT
110 East Sycamore Street
Sycamore, Illinois 60178
(815) 895-7188

November 3, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road Suite 1000
Rolling Meadows, IL 60008

Dear Ms Donsky:

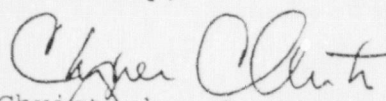
On behalf of Richard Underwood, DeKalb County Board Chairman, I have reviewed your letter of October 30, 1995, concerning Dames and Moore's Environmental Report relative to the merger of the U.P. and S.P. Railroads. I have specifically reviewed the Earlville, IL (part 2) map attached to said letter.

The subject property affected by the proposed construction is in agricultural use. This is the southwest quarter of Section 32, Paw Paw Township (37N3E). Although the proposed construction, as depicted by the heavy line, may necessarily impact the Spring Brook, this waterway and surrounding area in DeKalb County is shown as being in the "C Zone" (non-floodplain) on Map 41, FEMA Flood Insurance Rate Map, Community Number 170808, effective date September 4, 1985.

This office is not aware of any protected species or critical habitats within five miles of the subject site. The nearest park in DeKalb County from the site is approximately seven miles northeast (Shabbona State Park).

As the Spring Brook waterway is not portrayed as having a regulatory floodplain on the applicable FEMA Map, surface alteration or construction along its course in DeKalb County is not subject to our local zoning approval. However, you may wish to contact the Illinois Department of Natural Resources as this creek is a mapped waterway under the jurisdiction of the State of Illinois.

Sincerely,


Christopher C. Aiston
Planning Director

CC: County Board Office



KANSAS
STATE
HISTORICAL
SOCIETY

6425 S.W. 6th Avenue
Topeka, Kansas
66615-1099
PHONE# (913) 272-8681
FAX# (913) 272-8682
TTY# (913) 272-8683

KANSAS HISTORY CENTER

Administration
Center for Historical Research
Cultural Resources
Education / Outreach
Historic Sites
Kansas Museum of History
Library & Archives

HISTORIC SITES

Adair Cabin
Constitution Hall
Cottonwood Ranch
First Territorial Capitol
Fort Hays
Goodnow House
Grinter Place
Hollenberg Station
Kaw Mission
Marais des Cygnes Massacre
Mine Creek Battlefield
Native American Heritage Museum
Pawnee Indian Village
Pawnee Rock
Shawnee Mission

CULTURAL RESOURCES DIVISION
Historic Preservation Office
(913) 272 8681 ext. 240

October 11, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Re: Application for merger of Union Pacific and Southern Pacific Railroads
Statewide

Dear Ms. Donsky:

This agency has no objection to the intent of the proposed project; however, until final plans have been chosen, we cannot complete our final review. Once plans have been chosen, but before any construction has started, this office should be given the opportunity to review the project for its potential effects on historic and archeological sites.

Sincerely yours,

Ramon Powers
State Historic Preservation Officer

Richard Pankratz
Richard Pankratz, Director
Historic Preservation Office

BW/djw

0193



KANSAS
STATE
HISTORICAL
SOCIETY

6425 S.W. 6th Avenue

Topeka, Kansas

66615-1099

PHONE# (913) 272-8681

FAX# (913) 272-8682

TTY# (913) 272-8683

KANSAS HISTORY CENTER

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Kaw Mission
Lariss des Cygnes Massacre
Mine Creek Battlefield
Native American Heritage Museum
Pawnee Indian Village
Pawnee Rock
Shawnee Mission

CULTURAL RESOURCES DIVISION

Historic Preservation Office

(913) 272 8681 ext. 240

This is to inform you that effective September 10, 1995 the Historic Preservation Office will be at our new location. This address will be 6425 SW 6th Avenue, Topeka, Kansas 66615-1099. Our new telephone number will be 913-272-8681 and the FAX number will be 913-272-8682.



KANSAS
STATE
HISTORICAL
SOCIETY

6425 S.W. 6th Avenue
Topeka, Kansas
66615-1099
PHONE# (913) 272-8681
FAX# (913) 272-8682
TTY# (913) 272-8683

KANSAS HISTORY CENTER

Administration
Center for Historical Research
Cultural Resources
Education / Outreach
Historic Sites
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HISTORIC SITES

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Hollenberg Station
Kaw Mission
Marais des Cygnes Massacre
Mine Creek Battlefield
Native American Heritage Museum
Pawnee Indian Village
Pawnee Rock
Shawnee Mission

CULTURAL RESOURCES DIVISION
HISTORIC PRESERVATION OFFICE
913 272-8681 ext 240

October 4, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore, Inc.
One Continental Towers,
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Subject: Projects associated with the merger of the UP and Southern Pacific.

Dear Ms Donsky:

My staff has reviewed the proposed construction projects associated with the merger between the Union Pacific and Southern Pacific Railroads. Two of the proposed projects may need surveys by a professional archeologist prior to beginning construction since these projects are in areas of high archeological potential that have never been surveyed by a professional archeologist.

Projects "Salina, Kansas Siding Extension" and "Pratt-Extend Track East" may require surveys. A known site, 14SA403, is reported in the vicinity of the Salina project. Additional research into the site's record will be needed prior to survey. The Pratt extension is also in an area of high potential for the discovery of prehistoric sites. Since the location for this extension is presently unknown, we cannot determine if recorded sites are present. The need for additional investigations can be determined as you develop your projects.

In the case that projects need surveys, a report describing the survey, its results, and recommendations for mitigating the effects of construction on archeological site(s), if any, should be sent to this office. All state or federal permits required to conduct these investigations must be obtained prior to the investigation. If you have questions or need additional information about these comments, please contact Mr. Barry Williams at 913-272-8681 extension 214.

Sincerely,

Ramon Powers
State Historic Preservation Officer
Richard Pankratz
Richard Pankratz, Director
Historic Preservation Office

0195

KANSAS STATE HISTORICAL SOCIETY
ARCHEOLOGICAL SURVEY

County Saline

Site No. 14SA403

1. Type of site Small village
2. Cultural affiliation Probably Smoky Hill Aspect
2 miles southeast of Salina, Ks.
3. Location N 1/2 SE 1/4 Sec. 5 T14 R2
4. Owner Doris Winslow, R.R., New Cambria, Ks.
5. Tenant Owner
6. Informants
7. Previous designation for site SA-3
8. Site description 2 or 3 lodges on a bench above normal flood level. Located just a short walk from the Smoky Hill River.
9. Area of site Approx. 3 to 5 acres.
10. Character of soil Sandy clay
11. Present condition Wheat field
12. Previous excavations Mr. Winslow said that he dug up a small shallow area and found some pottery several years ago. A bone fish hook was recovered from the area too.
13. Material collected From the surface I have collected small points, scrapers, pottery, a nice celt and other broken artifacts.
14. Material observed The property adjoining Winslows to the east has been extensively excavated by the owner, Mr. Diebold. He has a large collection of artifacts which he has dug up. They are the same as to be found on the Winslow property.
15. Previous material reported and owner
16. Recommendations for further work The two predominant lodges probably merit excavation.
17. Photograph numbers 0196
18. Recorded by Harold Reed Date March 31, 1968
141 N. Columbia, Salina, Ks.

Site No.





19. Approach to site From Salina drive east on old US-40 for approx. 1 1/4 miles. As you approach a junk yard on the left, slow down and turn into the driveway to the right into the farm home of Mr. Winslow. Park in the yard and ask directions to the site in the field east of the house.

20. Remarks

State of Kansas

Bill Graves



Governor

Department of Health and Environment

James J. O'Connell, Secretary

September 26, 1995

Ms. Julie Donsky
Dames & Moore
1701 Golf Rd. Suite 1000
Rolling Meadows, Illinois 60008

Re: Stormwater application for construction activity - Kansas Railway Abandonments

Dear Ms. Donsky:

As a follow up to our telephone conversation on September 25, 1995, it appears the construction project which you are proposing to undertake falls within the definition of construction activity for the purpose of the federal stormwater permitting regulations. Construction activity is defined as clearing, grading and excavation activities except: operations that result in the disturbance of less than five acres of total land area which are not part of a larger common plan of development or sale.

If the project in question meets the definition of construction activity, the owner/developer is required to submit an application for a construction stormwater permit to the Kansas Department of Health and Environment. The general contractor, if known at the time of application, should also be indicated on the application as an operator and permit applicant. The following information must be submitted:

1. A completed Environmental Protection Agency (EPA) Form 1 (enclosed). No additional EPA forms are required if the discharge is due to stormwater runoff.
2. The location and the nature of the construction activity. A topographic map of the area ~~should~~ be attached as stated in Item XI of the EPA Form 1. The map should extend to at least one mile beyond the property boundaries, include all springs, rivers and other surface water bodies and show the outline of the facility. An additional map showing the location of each discharge structure and the existing and proposed contours should be included.
3. The total area of the site and the area of the site that is expected to undergo excavation during the life of the permit.
4. Proposed measures, including best management practices, to control pollutants in stormwater discharges during construction, including a brief description of applicable state and local erosion and sediment control requirements.
5. Proposed measures to control pollutants in stormwater discharges that will occur after construction operations have been completed, including a brief description of applicable state or local erosion and sediment control requirements.
6. An estimate of the runoff coefficient of the site and the increase in impervious area after the

construction addressed in the permit application is completed, the nature of the fill material and existing data describing the soil or the quality of the discharge.

7. The name of the receiving water. If the discharge is through a municipal storm sewer, the name of the municipal operator of the storm sewer must also be provided.
8. A signed statement (enclosed) that certifies that a Stormwater Pollution Prevention Plan will be developed prior to and implemented at the time construction begins.

Submission of this data will satisfy the application requirements for a stormwater permit for construction activity. The deadline for submission of these requirements for new projects is at least thirty (30) days prior to the commencement of construction activities.

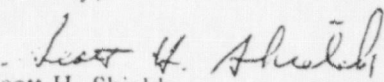
KDHE requires that a Stormwater Pollution Prevention Plan (SWP2 plan) be completed and implemented at the time the project breaks ground and revised as necessary during the construction process. The format and contents of the SWP2 plan should follow closely the US Environmental Protection Agency (EPA) guidance document, STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES - Developing Pollution Prevention Plans and Best Management Practices, Office of Water, EPA, 832-R-92-0005 (September, 1992). This document can be obtained from National Technical Information Service (NTIS) at (703) 487-4650. The NTIS order number is PB92-235951. This pollution prevention plan is a requirement of the EPA General Permit for Stormwater Discharges from Construction Activity. This permit was published in the Federal Register on September 25, 1992, pages 44412-44435. KDHE's general permit for construction activity will contain similar requirements when issued at a later date. I have enclosed an example SWP2 plan for a construction site, developed by the US EPA.

Formal approval of the SWP2 plan is not required by KDHE prior to the initiation of construction activities. However, a copy of the plan shall be made available on request to KDHE or the local agency approving sediment and erosion plans, grading plans or stormwater management plans. A copy of the SWP2 plan, signed by the developer and all contractors involved in earth disturbing activities, shall be maintained at the construction site at all times.

When the project is completed and the vegetation is at least 70% established submit a completed copy of the (enclosed) Notice of Termination (NOT) Form to KDHE.

If you should have any questions, please call me at (913) 296-8645.

Sincerely,

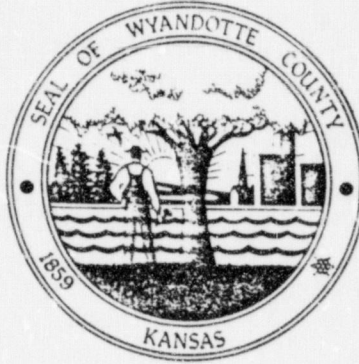

Scott H. Shields
Industrial Programs Section
Bureau of Water

rlj

Enclosures

C- Misc. Stormwater File

NANCY W. BURNS
COUNTY COMMISSIONER, 1ST DISTRICT



OFFICE OF
BOARD OF COUNTY COMMISSIONERS
WYANDOTTE COUNTY COURT HOUSE
710 N. 7TH STREET
KANSAS CITY, KANSAS 66101
PHONE (913) 573-2827
FAX (913) 321-0237

October 23, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

Upon receipt of your letter of September 30, 1995, regarding the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads, I thought that Mr. Lemuel Wynn, Director our Health Department should respond.

Please find enclosed his response to me. Should you have any further concerns, or questions, please do not hesitate to contact Mr. Wynn directly at (913) 573-6704.

Thank you for your cooperation.

Sincerely,

Nancy W. Burns

Nancy W. Burns, Chairman
Board of County Commissioners
Wyandotte County, Kansas

NWB:jl
Enclosure

sent via facsimile 10-23-95, 3:20 PM, hard copy to follow

Kansas Corporation Commission

Bill Graves, Governor Susan M. Seltman, Chair FS. Jack Alexander, Commissioner Timothy E. McKe, Commissioner
Judith McConnell, Executive Director

Fax Transmittal Cover SheetDate: October 27, 1995

Time: _____

Sender's Fax Number: (913) 271-3268

To: Julie DonskyDamen & Moore

Recipient's Fax Number: _____

From: Beverly Steinmeyer913 271 3232Sender's Phone Number: (913) 271- 32Number of pages (including this cover sheet): 3

If you do not receive all the pages, please call the sender.

Comments: Received your request for an environmental
audit. Will you please review the legal
locations I have penciled in and provide
info for McPherson and the legal for
Sedgwick County - Thanks



Planning, Zoning
& Utilities

RENO COUNTY OFFICES
206 West First Ave.
Hutchinson, Kansas 67501
(316) 694-2978

October 24, 1995

Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Ms. Julie Donsky:

Reno County has forwarded your letter dated 10-1-95 requesting environmental information for the merger of the Union Pacific and Southern Pacific Railroads to Mr. Larry Zuckerman of the Kansas Department of Wildlife and Parks, 512 SE 25th Ave., Pratt, Kansas 67124. (316) 672-5911. They will answer your concerns and contact you directly.

If you have any questions, please feel free to contact this office at (316) 694-2978

Respectfully,

David R. McComb
Planning, Zoning & Utility
Director

DAMES & MOORE

ONE CONTINENTAL TOWERS, 1701 GOLF ROAD, SUITE 1000, ROLLING MEADOWS, ILLINOIS 60438
(708) 228-0707 FAX: (708) 228-1115

October 23, 1995

Dickson
Steph ~~Dickson~~, County Clerk
Ford County *CITY CLERK*
P.O. Box 458
Bucklin, KS 67834

Dames & Moore is preparing the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. The attached list and maps show 1) additional construction projects which have been identified within your state and 2) modifications to construction projects which were identified in previous letters.

To prepare our Environmental Report, we are requesting that you inform us of any concerns you have and provide information regarding:

- protected species information (State; Federal) within 5 miles of each site.
- listing of critical habitats within 5 miles of each site.
- locations of parks and refuges in proximity to the proposed projects.
- citations to any permitting/approval authority which you believe your state has over the actions identified.
- any other information you would like to provide regarding environmental matters or local concerns at these sites.

We would appreciate receiving the requested information at your earliest convenience. We would further appreciate it if the information could be supplied in writing or orally to the undersigned at the address and phone/fax numbers on this letterhead. The railroads will be filing our Environmental Report with their application to the Interstate Commerce Commission ("ICC") on or before December, and thus your prompt reply will ensure that our report, which the ICC will consider in preparing its own environmental assessment of the above-described project, includes consideration of your views.

We very much appreciate your assistance.

Very truly yours,
DAMES & MOORE, INC.

Julie Donsky

Julie Donsky
Environmental Scientist

*WE HAVE NO CONCERNS
OR INFORMATION REGARDING
THIS.*

THE CITY OF BURN



Wyandotte County Health Department

619 Ann Avenue, Kansas City, Kansas 66101-3099

Phone (913)-321-4803 • Fax (913)-321-7932

Promoting Good Health and a Clean Environment for a Better Community

October 10, 1995

Commissioner Nancy Burns
Chairperson of the Board
Wyandotte County
710 North 7th Street, 2nd Floor
Kansas City, Kansas 66101

SUBJECT: Dames & Moore Environmental Report

Dear Commissioner Burns:

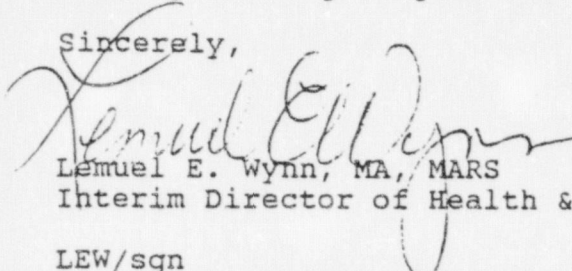
After reviewing the Dames & Moore September 30, 1995 letter requesting environmental concerns regarding the Union Pacific and Southern Pacific merger, we have just two questions.

Question #1 What are they going to do with the old railroad ties if there are any?

Question #2 What are they going to do with the Kansas City Kansas bridge after it is removed?

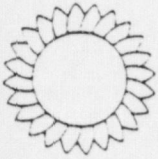
Thank you for giving us the opportunity to comment.

Sincerely,


Lemuel E. Wynn, MA, MARS
Interim Director of Health & Human Services

LEW/sgn

cc: John Cotter, Director Environmental Health



Johnson County, Kansas • Office of the County Clerk

Beverly L. Baker, County Clerk

October 4, 1995

Julie Donsky, Environmental Scientist
DAMES & MOORE, INC.
One Continental Towers
1701 Golf Road - Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

We do not find any property in Johnson County affected by the proposed merger of the Union Pacific and Southern Pacific Railroads on your listing dated September 30, 1995.

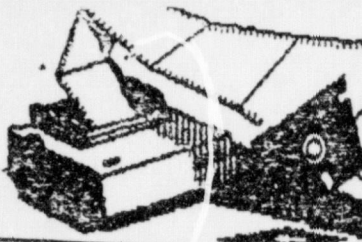
This information is being forwarded to E. H. Denton, our County Administrator.

Sincerely,

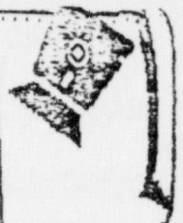
Beverly L. Baker
County Clerk

BLB:lh

0206



FAX COVER SHEET



FAX NO. 913-672-3341
LOGAN COUNTY APPRAISER'S OFFICE

TO: Julie Donkey
Dames + Moore

FROM: Pat Miller
Logan Co Clerk
Oakley Ks 67748

DATE: 10/26/95

NUMBER OF PAGES: COVER SHEET + 2

MESSAGE:

FAX NO. 708 228 1115

DAMES & MOORE

ONE CONTINENTAL TOWERS, 1701 GOLF ROAD, SUITE 1000, ROLLING MEADOWS, ILLINOIS 60008
(708) 228-0707 FAX: (708) 228-1115

September 30, 1995

REC'D

OCT 05 1995

LOGAN COUNTY CLERK
OAKLEY, KANSAS

Douglas Mackley
Chairman of the Board
Logan County
710 West 2nd Street
Oakley, KS 67748

Dames & Moore is preparing the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. The attached list and maps show construction projects which are currently identified within your state. In some states there may be additional construction projects and/or rail segments which will be affected by the proposed merger. We will advise you if and when these additional projects become identified.

To prepare our Environmental Report, we are requesting that you inform us of any concerns you have and provide information regarding:

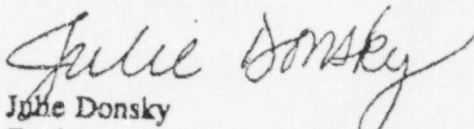
- protected species information (State; Federal) within 5 miles of each site.
- listing of critical habitats within 5 miles of each site.
- locations of parks and refuges in proximity to the proposed projects.
- citations to any permitting/approval authority which you believe your state has over the actions identified.
- any other information you would like to provide regarding environmental matters or local concerns at these sites.

10/26/95
Note to
the best of
my knowledge
Pat Miller
Logan Co. Clerk

We would appreciate receiving the requested information at your earliest convenience. We would further appreciate it if the information could be supplied in writing or orally to the undersigned at the address and phone/fax numbers on this letterhead. The railroads will be filing our Environmental Report with their application to the Interstate Commerce Commission ("ICC") on or before December, and thus your prompt reply will ensure that our report, which the ICC will consider in preparing its own environmental assessment of the above-described project, includes consideration of your views.

We very much appreciate your assistance.

Very truly yours,
DAMES & MOORE, INC.


Julie Donsky
Environmental Scientist

{or: \\uacv\jdonsky\uprep\enotic2.ktr}

DAMES & MOORE

ONE CONTINENTAL TOWERS, 1701 GOLF ROAD, SUITE 1000, ROLLING MEADOWS, ILLINOIS 60008
(708) 228-0707 FAX: (708) 228-1115

October 4, 1995

Douglas Mackley
Chairman of the Board
Logan County
710 West 2nd Street
Oakley, KS 67748

REC'D

OCT 13 1995

LOGAN COUNTY CLERK
OAKLEY, KANSAS

Dames & Moore is preparing the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. The attached list and maps show rail segments, identified within your state, which may see an increase in rail activity (increase in the number of trains per day) due to the proposed merger. In some states there will also be construction which will occur as a result of the proposed merger. We will advise you if and when they are identified in your state.

To prepare our Environmental Report, we are requesting that you inform us of any concerns you have and provide information regarding:

- 9/26/95
None to the
st of my
knowledge.
Pat Miller
Logan Co. Clerk*
- protected species information (State; Federal) within 5 miles of each site.
 - listing of critical habitats within 5 miles of each site.
 - locations of parks and refuges in proximity to the proposed projects.
 - citations to any permitting/approval authority which you believe your state has over the actions identified.
 - any other information you would like to provide regarding environmental matters or local concerns at these sites.

We would appreciate receiving the requested information at your earliest convenience. We would further appreciate it if the information could be supplied in writing or orally to the undersigned at the address and phone/fax numbers on this letterhead. The railroads will be filing our Environmental Report with their application to the Interstate Commerce Commission ("ICC") on or before December, and thus your prompt reply will ensure that our report, which the ICC will consider in preparing its own environmental assessment of the above-described project, includes consideration of your views.

We very much appreciate your assistance.

Very truly yours,
DAMES & MOORE, INC.

Julie Donsky
Julie Donsky
Environmental Scientist

[p:\100173089\supersall.ldr]



Ellsworth County Clerk's Office

Janet L. Andrews, County Clerk
210 N. Kansas • Ellsworth, KS 67439-3118
913-472-4161

October 17, 1995

Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 6008

Gentlemen:

In your letter to us dated September 30, 1995, you asked for information regarding environmental concerns for your report for the Union Pacific and Southern Pacific Railroads. I am unable to answer your questions regarding protected species, critical habitat, refuges and etc. Therefore, I am sending your letter and maps to Kansas Wildlife and Parks for their input. It is my understanding, in my conversation with them, they will answer these questions.

If you should need to discuss this matter further, please do not hesitate to contact me.

Sincerely,

Janet L. Andrews
Ellsworth County Clerk

Board Meets Every Monday.
Claims Paid Last Business Day
of Each Month

Board of
County Commissioners

Trego County
Telephone 913-743-5775 (meetings)
743-5773 (Clerk)
FAX 743-2461
216 Main Street
WaKeeney, Kansas 67672

Arlene Eveleigh, Ellis
Leary J. Johnson, WaKeeney
Gleyn A. Lowe, WaKeeney
Kathleen Connors, County Clerk

October 16, 1995

Ms. Julie Donsky, Environmental Specialist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

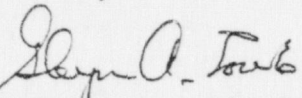
RE: Environmental Report

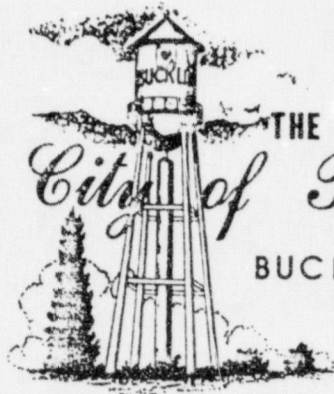
Dear Ms. Donsky:

In response to your request as you prepare an environmental report for the Union Pacific/Southern Pacific Railroad merger, there are no known concerns regarding environmental matters or local concerns for the proposed project in WaKeeney.

If I can be of further assistance, please call.

Sincerely,


Gleyn A. Lowe, Chairman
Trego County Commission



THE

City of Bucklin

BUCKLIN, KANSAS 67834

October 6, 1995

Julie Donsky, Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Julie,

In regards to your letter dated September 30, 1995, at the present time we don't know of any environmental problems but we would like to inform you that the City of Bucklin has a water well on railroad property on the west end of Bucklin.

I hope this will be of some help to you. If I can be of anymore help, feel free to write again.

Sincerely yours,

Steph Dickson
Steph Dickson, Clerk
City of Bucklin

OFFICE OF
PEGGY J. McCULLICK
Ellis County Clerk/Election Officer

P.O. BOX 720
HAYS, KANSAS 67601

PHONE 913-628-9410

FAX # 913-628-9413

October 30, 1995

Ms. Julie Donsky
Environmental Scientist
Dames and Moore
633 Seventeenth Street, Suite 2500
Denver, Colorado 80202-3625

Dear Ms. Donsky:

I am enclosing some information prepared by our Public Works Department and their Environmental Sanitarian regarding the Proposed Union Pacific and Southern Pacific Railroads Project. This material also includes some information regarding the Front Range Natural Gas Project, which has been researched by Annette Barndt, also an Environmental Scientist with your company. I will be forwarding copies of information to her also under separate cover.

If you require anymore information, please let us know.

Sincerely,

Peggy J. McCullick

Peggy J. McCullick
Ellis County Clerk

Enclosures

C: Mike Graf, Public Works Administrator

*'Info' on your
recent request
dated 10-23-95 will
follow before 12-1-95
PJM*

Ellis County Environmental Office

601 Main Street, Suite C • Hays, KS 67601
(913) 628-9449

October 25, 1995

TO: MIKE
FROM: DALE
RE: ENVIRONMENTAL IMPACT STATEMENT

RAILROAD SIDING

THE CONSTRUCTION OF A 9300 FOOT RAILROAD SIDING IN SECTIONS 9 AND 10 OF TOWNSHIP 14, RANGE 17 (AS SHOWN ON THE MAP PROVIDED) HAS BEEN REVIEWED AND IS REPORTED AS FOLLOWS:

*THE CONSTRUCTION DOES NOT INVOLVE ANY CHAPTER OF THE ENVIRONMENTAL CODE UNLESS THE CONSTRUCTION INCLUDED A WATER SUPPLY WELL OR A PRIVATE WASTEWATER TREATMENT SYSTEM.

*ENVIRONMENTAL CONCERNS THAT MIGHT BE CONSIDERED ARE:

*CONSTRUCTION WILL BE AT SOME OF THE HIGHEST ELEVATIONS IN THE AREA AND SOME SURFACE DRAINAGE TO BIG CREEK AND THE NORTH FORK OF BIG CREEK BEGINS IN THIS AREA.

*THERE ARE NO WET-LANDS OR AQUATIC ENVIRONS IN THE AREAS OF CONSTRUCTION.

*SPILL AND SOLID WASTE MANAGEMENT WOULD BE THE MAJOR CONCERN.

INCREASE IN RAIL ACTIVITY

*INCREASED RAIL ACTIVITY WOULD NOT BE IMPACTED BY THE CURRENT ENVIRONMENTAL CODE.

*RAILWAY CONSTRUCTION OR MODIFICATION COULD RESULT IN ENVIRONMENTAL CONCERNS WHICH COULD ONLY BE ADDRESSED IF PROVIDED WITH THE SPECIFIC CIRCUMSTANCES.

*INCREASED RAIL ACTIVITY WOULD INCREASE THE POSSIBILITY OF UNSCHEDULED RELEASES.

NATURAL GAS PIPELINE PROJECT

*THE CONSTRUCTION OF THE PIPELINE WOULD NOT BE IMPACTED BY OUR CURRENT ENVIRONMENTAL CODE.

*THE MAP PROVIDED DOES NOT REALLY SHOW THE AREAS INVOLVED, BUT IT COULD BE IN SOME OF THE WELLHEAD PROTECTION ZONES.

*THIS ACTIVITY LIKE THE OTHERS COULD RESULT IN UNDESIRABLE CONDITIONS THAT ARE GENERALLY ASSOCIATED WITH ALL CONSTRUCTION ACTIVITIES, SILTING, SPILLS, SOLID WASTE, AND DISRUPTION OF LOCAL ECOSYSTEMS.

I DID CHECK WITH WILDLIFE AND PARKS AND WAS ADVISED THAT THE ONLY PROTECTED SPECIES IN ELLIS COUNTY IS THE SPOTTED SKUNK. ITS NORMAL HABITAT IS THE RIPARIAN AREAS OF MAJOR DRAINAGE ENVIRONMENTS. ANY OR ALL OF THE CONSTRUCTION SITES MIGHT HAVE SOME AFFECT ON THE SKUNK.

ELLIS COUNTY PUBLIC WORKS

Highway Department--Road & Bridge

Environmental

Landfill--Transfer Station

Noxious Weed

1195 280th Avenue
P.O. Box 691
Hays, Kansas 67601-0691

Phone 913-628-9455
FAX 913-628-6457

October 27, 1995

TO: Ellis County Commission

FROM: Mike Graf
Public Works Director

RE: Dames & Moore proposed projects

Attached is the environmental review as prepared by Environmental Sanitarian Dale Wing. Relative to the railroad siding project, local interest should also be directed with concern over the additional set of tracks and safety aspects related to crossings and necessary signage for the siding. As this would be a siding and not an active line, the potential for blocking the county road does exist.

The natural gas pipeline should also be evaluated based on the impact that the right-of-way crossings and creek and stream bed crossings have on the run-off potential. As is the current policy for county roadways, boring should be pursued as the only option for road crossings. This may also be necessary under stream or creek beds as the project schedule would impact the spring rain season. No discussion relating to right-of-way has taken place to my knowledge, therefore, additional information would be necessary to make appropriate recommendations. With the Wellhead Protection implications, the County may want to evaluate the status of the code modifications prior to any decision on this issue.

Ellis County does require completion of the road or right-of-way crossing and easement agreements prior to undertaking any such work, with additional site specific information required for that process.

RUSSELL COUNTY HIGHWAY DEPARTMENT**4288 U.S. HWY 40****RUSSELL, KS 67665****PHONE(913) 483-4032/FAX (913) 483-4852****FAX COVER SHEET****DATE:** 10-31-95**TO:** Julie Donsky**COMPANY:** Dames & Moore**PHONE:** (708) 228-0707**FAX:** (708) 228-1115**FROM:** Robert Hoback**COMPANY:** RUSSELL COUNTY HIGHWAY DEPARTMENT**PHONE:** (913) 483-4032**FAX:** (913) 483-4852**Number of pages including cover sheet:** 2**MESSAGE:**

RUSSELL COUNTY HIGHWAY DEPARTMENT

4288 U.S. HIGHWAY 40

RUSSELL, KS 67665

PHONE (913) 483-4032 FAX (913) 483-4852

October 31, 1995

Dames & Moore, Inc.
Attn: Julie Donsky
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Dear Ms. Donsky:

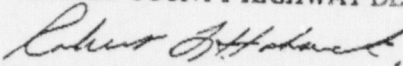
In regard to your letter to Commissioner Don Haberer October 23, 1995, the proposed project in Russell County is five (5) miles from Lake Wilson Reservoir which is controlled by the Corps of Engineers. They also have wildlife refuges in that area controlled by Kansas Fish and Game.

The only concern Russell County would have with the project is the crossing on the east-west road, on the South line of Sections 33, 34 and 35. As this is a well-traveled road by Russell County residents it could delay traffic. If the proposed siding could be shifted to the West away from this road, Russell County would then have no concerns. The north-south roads that would cross the siding do not carry near the traffic.

If you have any questions, please call me.

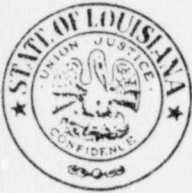
Sincerely,

RUSSELL COUNTY HIGHWAY DEPARTMENT



Robert L. Hoback
Road & Bridge Superintendent

RLH/cas



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
P. O. Box 94245
Baton Rouge, Louisiana 70804-9245



EDWIN W. EDWARDS
GOVERNOR

October 27, 1995

JUDE W. P. PATIN
SECRETARY

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

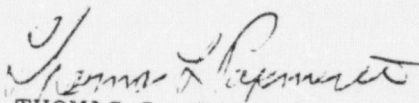
Dear Ms. Donsky:

This is in response to your letter of September 30, 1995 as forwarded to this office by Mr. Vincent Pizzolato concerning the permitting/approval authority this Department has relative to proposed merger related rail construction projects.

The Department's Maintenance Division must be involved where Proposed construction affects the National public crossing inventory either try changes to existing crossings or addition of new crossings.

If you have any questions, please call Mr. Bill Shrewsberry at (504) 379-1543.

Very truly yours,


THOMAS L. PAYMENT
MAINTENANCE SYSTEMS ENGINEER

TLP/fjc

cc: Mr. Merlin A. Pistorius
Mr. Vince Pizzolato
Mr. John Collins
Mr. Rob Hunt
Statewide RR File

0219



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

P.O. Box 94245
Baton Rouge, Louisiana 70804-9245



EDWIN W. EDWARDS
GOVERNOR

(504) 929-9190
October 2, 1995

JUDE W. P. PATEN
SECRETARY

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

In response to your letter, dated September 22, 1995, requesting information on protected species, critical habitat, parks, and refuges, we have enclosed copies of our State and Parish (Calcasieu and Jefferson Davis) mailing lists. Unfortunately, DOTD is not the agency to supply information on protected species. To obtain this type of information for road projects, we solicit the views of state and parish agencies responsible for these resources. They are very good about responding. Generally, we ask that they respond within thirty days of the date of the solicitation.

In response to your request about permitting authority, the Department of Transportation and Development (DOTD) may require permits for construction activities. Additionally, DOTD's District 07 Office in Lake Charles, Louisiana, may require permits for certain types of construction activities. Since your letter did not specify any such sites, we are unable to identify any specific concerns at this time.

If you have any questions, please advise.

Sincerely,

V. Pizzelato
Vincent Pizzelato

Environmental Engineer Administrator

Enclosures

VP/na

Doc. 9

cc: District 07 (Attn: Mr. John Andrus)
Mr. Bill Shrewsbury
Mr. Ed Morris
(each w/copy of Ms. Donsky's letter)

0220



Edwin W. Edwards
Governor

Mark H. Hilzlm
Secretary

Melinda Schwegmann
Lieutenant Governor
and Commissioner

State of Louisiana
Department of Culture, Recreation and Tourism
OFFICE OF CULTURAL DEVELOPMENT

Gerri Hobdy
Assistant Secretary

November 2, 1995

Ms. Julie Donsky
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Re: Merger of the Union Pacific and Southern Pacific Railroads
Various Projects
Jefferson, Jefferson Davis, Allen, Calcasieu, Pointe Coupee,
and Calcasieu Parishes, Louisiana

Dear Ms. Donsky:

Reference is made to your letters dated September 22, September 30, and October 24, 1995, concerning the above. A review of our files indicates that there are four archaeological sites, 16PC36, 16PC37, 16PC38, and 16PC39, located within the Livonia Yard project area. However, it is our opinion that the proposed construction will have no effect on these sites, and as such, we have no objections. Should any archaeological material be uncovered during ground altering activities, however, we request that work in that area be stopped and this office be notified immediately.

Should you have any questions or need any further information, please contact Mr. Mike Mahady in the Division of Archaeology at (504) 342-8170.

Sincerely,

Gerri Hobdy
State Historic Preservation Officer

GH:MM:s

0221

Thomas H. Eubanks, Ph.D., Director
Division of Archaeology
P. O. Box 44247 (1051 N. Third Street)
Baton Rouge, LA 70804
(504) 342-8170
Fax: (504) 342-8173
"An Equal Opportunity Employer"

State of Louisiana



EDWIN W. EDWARDS
GOVERNOR

JACK MCCLANAHAN
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

October 17, 1995

Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008
Attn: Ms. Julie Donsky

RE: **P951160, Solicitation of Views Request**
Union Pacific and Southern Pacific Railroads
Description: Construct (2) cross-overs, a tie-in, a wye connection, 1500' of tail track, additional tracks, (3) 8500' sidings.
Jefferson, Jefferson Davis, Allen, Calcasieu, Pointe Coupee Parish, LA.

Dear Ms. Donsky:

We have received a Solicitation of Views for the following projects. The following referenced projects have been found to be outside the Louisiana Coastal Zone. Therefore, pursuant to the provisions of La. R. S. 49:214.25.E and La. R. S. 49:214.32, a Coastal use Permit is not required.

1. Iowa Junction, Jefferson Davis Parish, Louisiana
2. Kinder, Allen Parish, Louisiana
3. Lake Charles, Calcasieu Parish, Louisiana
4. Livonia Yard, Pointe Coupee Parish, Louisiana
5. Fontenot, Jefferson Davis Parish, Louisiana
6. Lake Charles to Iowa Junction, Calcasieu Parish, Louisiana
7. Elton, Jefferson Davis Parish, Louisiana

We have received a Solicitation of Views for the following referenced projects, which have been found to be inside the Louisiana Coastal Zone. In order for us to properly review and evaluate these projects, we require that a complete Coastal Use Permit Application (U. S. Army Corps of Engineers ENG 4345 permit application form, locality maps, project illustration plats with plan and cross section views, etc.) along with a \$20.00 processing fee be submitted to our office. Using your complete application, we can provide Union Pacific and Southern Pacific Railroads with an official determination, and begin the processing of any Coastal Use Permit that may be required for your project.

1. Avondale M. P. 12, Jefferson Parish, Louisiana
2. Avondale M. P. 15, Jefferson Parish, Louisiana

You may obtain an application packet from our office free upon request.

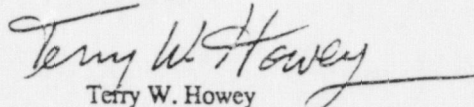
Should you desire additional consultation with our office prior to submitting a formal application, we request that you call and schedule a pre-application meeting with our Permit Section staff. Such a preliminary meeting may be helpful to your agency, especially if a permit application that is as complete as possible is presented for evaluation at the pre-application meeting.

0222

P951160, Solicitation of Views Request
October 17, 1995
Page 2

If you have any questions, or would like to request an application packet or schedule a pre-application meeting, please contact Bill Pittman of the Permit Section at (504) 342-7591.

Sincerely,


Terry W. Howey
Administrator

Attachments

TWH/it

cc: Ron Ventola, COE w/attach.
Fred Dunham, LDWF w/attach.
Marnie Winter, Jefferson Parish w/attach.
Pam Sturrock, Calcasieu Parish w/attach.



JEFFERSON PARISH
LOUISIANA

MICHAEL J. YENNI
PARISH PRESIDENT

MARY G. CURRY, P.E.
ENVIRONMENTAL IMPACT OFFICER

October 16, 1995

Ms. Julie Donsky
DAMES & MOORE
1701 Golf Road, Ste. 1000
Rolling Meadows, Illinois 60008

Re: Merger of the Union Pacific and Southern Pacific Railroads

Dear Ms. Donsky:

Per your letter dated September 30, 1995, to B. K. Sneed concerning the referenced project, I am happy to provide you with the following information.

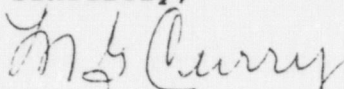
- * Jefferson Parish does not have a protected species program, therefore, you may wish to contact the area office of the U.S. Fish and Wildlife Service, 825 Kaliste Saloom Road, Brandywine Bldg. II, Suite 102, Lafayette, LA 70508, attention Mr. Russell C. Watson, Acting Field Supervisor, 318-262-6662.
- * I am not aware of any habitats in south Jefferson Parish which would be considered critical to the survival to any rare, endangered or threatened species of plants or animals.
- * The parks and refuges closest to the proposed project in Avondale are the
 1. Jean Lafitte National Historical Park and Preserve and the
 2. Bayou Segnette State Park.Neither proposed railroad cross-over would affect either the national or state parks, which are located in Lafitte and Westwego, respectively.
- * For information on any permitting/approval authority that Louisiana has over constructing a railroad cross-over, I suggest that you contact the local office of the Louisiana Department of Transportation and Development, 1440 Highway 90, Bridge City, LA 70094, 504-437-3100, attention Mr. John Evanco.

0224

- * I understand that there are some flooding problems in the general area of your proposed cross-overs which may have been caused by previous railroad construction. I, therefore, suggest that you contact our drainage department directly for clarification. The contact is Mr. Prat Reddy, Drainage Department, The Parish of Jefferson, 1221 Elmwood Park Boulevard, Ste. 907, Harahan, LA 70123, 504-736-6751.
- * I also suggest that you allow your stormwater plans to be reviewed by Ms. Catherine Fabacher, Stormwater Management Coordinator, The Parish of Jefferson, 1221 Elmwood Park Blvd., Ste. 703, Harahan, LA 70123, 504-731-4570.

If I can be of further assistance, please feel free to contact me.

Sincerely,



Mary G. Curry, Ph.D.

xc. B. K. Sneed
W. M. Lavelle
Prat Reddy
Marnie Winter
Catherine Fabacher
Don Hull, BCG

DONSKY.016

JEFFERSON DAVIS PARISH

POLICE JURY

October 17, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008 .

Dear Ms. Donsky:

Regarding your letter to the Jefferson Davis Parish Police Jury dated September 22, 1995, please be advised that the Jefferson Davis Parish Police Jury did not impose any objections or offer any comments regarding the environmental impact of your project.

However, the Jury was opposed to any abandonment of rail service which would adversely impact the area.

Yours truly,


PATRICIA G. FORESTIER
Assistant Secretary Treasurer

JEFFERSON PARISH
LOUISIANA

MARINE FISHERIES ADVISORY BOARD

Mary G. Curry, Ph.D.
Coordinator

October 31, 1995

Ms. Julie Donsky
DAMES & MOORE, INC.
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Re: Merger of the Union Pacific and Southern Pacific Railroads

Dear Ms. Donsky:

I am writing this letter in response to your letter of October 23, 1995, to Mr. B.K. Sneed concerning the referenced merger.

After carefully reviewing the information that you provided relative to your project locations noted on the attachment, it is apparent that no additional construction projects are proposed within the Parish of Jefferson.

If we can be of further assistance, please feel free to contact us.

Sincerely,

Mary G. Curry
Mary G. Curry, Ph.D.

xc. B.K. Sneed
W.M. Lavelle

CULTURAL RESOURCE ASSESSMENT

Section 106 Review

CONTACT PERSON/ADDRESS:

Julie Donsky, Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

C.

PROJECT:

Merger Related Rail Construction, Kansas City and Dexter

FEDERAL AGENCY:

ICC

County:

Jackson and Stoddard Counties

The Historic Preservation Program has reviewed the information submitted on the above referenced project. Based on this review, we have made the following determination:

☐

The project area has been previously disturbed or has a low potential for the occurrence of cultural resources. A cultural resource survey, therefore, is not warranted.

☐

None of the structures involved are eligible for inclusion in the National Register of Historic Places.

☒

The proposed undertaking will have "no effect" on properties listed on or determined eligible for listing in the National Register of Historic Places.

☐

An adequate cultural resource survey of the project area has been made. We agree that the proposed undertaking will have "no effect" on significant cultural resources.

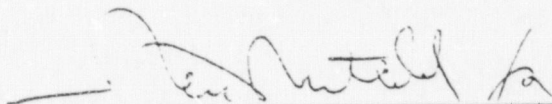
☐

An adequate cultural resource survey of the project area has been made. We agree with the report's recommendation that the following potentially eligible sites should be avoided. If these sites are avoided, the proposed undertaking will have "no effect" on significant cultural resources.

Sites:

For the above checked reason, the Historic Preservation Program has no objection to the initiation of project activities. PLEASE BE ADVISED THAT IF THE CURRENT PROJECT AREA OR SCOPE OF WORK ARE CHANGED, A BORROW AREA IS INCLUDED IN THE PROJECT, OR CULTURAL MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, APPROPRIATE INFORMATION MUST BE PROVIDED TO THIS OFFICE FOR FURTHER REVIEW AND COMMENT. Please retain this documentation as evidence of compliance with Section 106 of the National Historic Preservation Act, as amended.

By:



Claire F. Blackwell, Deputy State Historic Preservation Officer

October 5, 1995

Date

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HISTORIC PRESERVATION PROGRAM
P.O. Box 176, Jefferson City, Missouri 65102
For additional information, please contact Judith Deel, (314) 751-7862

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Missouri Governor • Laura A. S. Brown

DIVISION OF STATE PARKS

October 23, 1995

P.O. Box 170 Jefferson City, MO 651 2-0170 314-751-2470

FAX 314-751-8050

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
1701 Golf Rd. Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This letter is in response to your letter dated September 30, 1995 in regard to the environmental report for the merger of the Union Pacific and Southern Pacific Railroads. The Outdoor Recreation Assistance Section acts as a liaison for the National Park Service, which has supplied federal funds to local parks located in the two areas submitted for review. Each of these parks have a federal identification number which I will address below:

Kansas City: 29-00053 - Independence - Fairmount Park
29-00598 - Kansas City - Truman Park
29-00603 - Kansas City - Liberty Park
29-00979 - Kansas City - Oppenstein Memorial Park
29-01072S - Kansas City - 12th and Walnut
29-01130 - Independence - Glendale Park
29-01132 - Kansas City - Brush Creek Linkage
29-01182 - Kansas City - Cleveland Park
29-00367 - Independence - Northwest Parkway Park

Dexter: 29-00049 - Dexter - Airport Park
29-00729 - Dexter - Boon City Park

This information provided only deals with the Outdoor Recreation Assistance Section. Land and Water Conservation Grants.

If additional information is needed, please contact me at 314-751-0848

Sincerely,

DIVISION OF STATE PARKS

Christopher D. Buckland

Christopher D. Buckland
Project Consultant
Outdoor Recreation Assistance Section

CDB:mp

c: Mr. Mike Shindler



0229

Mel Carnahan
Governor



State of Missouri
OFFICE OF ADMINISTRATION
Post Office Box 809
Jefferson City
65102

Richard A. Hanson
Commissioner

Stan Perovich
Director
Division of General Services

October 30, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Gold Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

Subject: 95100008 - Preparation of Environmental Report for
Merger of Union Pacific & Southern Pacific
Railroads

The Missouri Federal Assistance Clearinghouse, in cooperation
with state and local agencies interested or possibly affected,
has completed the review on the above project application.

None of the agencies involved in the review had comments or
recommendations to offer at this time. This concludes the
Clearinghouse's review.

A copy of this letter is to be attached to the application
as evidence of compliance with the State Clearinghouse
requirements.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lois Pohl".

Lois Pohl, Coordinator
Missouri Clearinghouse

LP:cm

cc: Mid-America Regional Council
Boothel Regional Planning Commission



PUBLIC WORKS DEPARTMENT

JACKSON COUNTY COURTHOUSE

103 N. MAIN
INDEPENDENCE, MISSOURI 64050

DIRECTOR 881-4537
ENGINEERING DIVISION 881-4517
ROAD MAINTENANCE 881-4457
ENVIRONMENTAL SERVICES 881-4472
PLANNING AND ZONING 881-4566
FAX # 881-4448

November 7, 1995

Ms. Julie Donsky
Danes & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60009

Dear Ms. Donsky:

Subject: Jackson County, Missouri Response

We have received your October 23, 1995 letter which was addressed to Katheryn Shields, County Executive. Your letter requested that we inform you of any county environmental concerns in regard to your "List of Proposed Merger Related Rail Construction Missouri".

The only construction proposed in Jackson County, Missouri, is the Pleasant Hill to Greenwood, Missouri turnouts. The county has no facilities within 5 miles of the corridor. However, the state of Missouri has the James A. Reed Wildlife Area about one mile northeast of the tract thru Greenwood. Perhaps this wildlife area should be investigated.

Very truly yours,

MacAndrew
Mac Andrew, P.E.
Director



BOB MILLER
Governor

JOAN G. KERSCHNER
Department Director

STATE OF NEVADA
DEPARTMENT OF MUSEUMS, LIBRARY AND ARTS
STATE HISTORIC PRESERVATION OFFICE

Capitol Complex
100 Stewart Street
Carson City, Nevada 89710

October 24, 1995

RONALD M. JAMES
State Historic Preservation Officer

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road Suite 1000
Rolling Meadows IL 60008

RE: The Proposed Merger of Union Pacific and Southern Pacific
Railroads, Weso to Alazon, Elko, Eureka, Lander, and
Humboldt Counties.

Dear Ms. Donsky:

The Nevada State Historic Preservation Office (SHPO) reviewed the materials you submitted concerning the proposed merger. There are no National Register properties located in the vicinity of the proposed project area identified on your attached maps. This office notes, however, that both lines are located on historic railroad routes. As a result, it is possible that historic features associated with both railroads could be located in the vicinity of the proposed crossover paired track. In addition, cultural resources associated with overland emigrant travel and the prehistoric use of the Humboldt River drainage may also be located in the vicinity of the proposed development. The SHPO considers the proposed project area sensitive for cultural resources.

Given the length of the proposed project area, this office cannot supply you with specific information concerning the type or number of cultural resources identified in the immediate vicinity. This office recommends that the Interstate Commerce Commission (ICC) contact Ms. Maggie Brown of the Nevada State Museum (702) 687-3002 to arrange for a review of the previous archaeological surveys and previously-recorded sites present at the statewide archaeological inventory.

If you have any questions concerning this correspondence, please feel free to call me at (702) 687-5138.

Sincerely,

Rebecca Lynn Palmer
Archaeologist

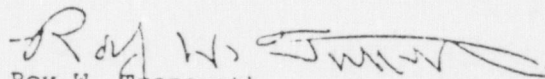
0232

PROTECTION AND PROPAGATION OF SELECTED SPECIES OF FLORA

Critically Endangered Species List

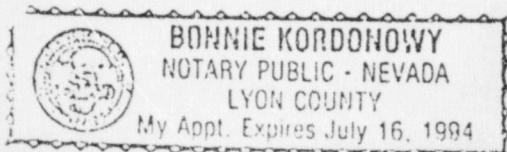
Pursuant to the authority granted in NRS 527.270, the State Forester Firewarden hereby declares the following plants to be threatened with extinction and to be placed on the list of fully protected species:

1. Arctomecon californica Torrey & Fremont
2. Astragalus beatleyae Barneby
3. Astragalus geyeri A. Gray var. triquetrus (A. Gray) M.E. Jones
4. Astragalus lentiginosus Douglas var. sesquimetralis (Rydberg) Barneby
5. Astragalus mohavensis S. Watson var. hemigyris (Clokey) Barneby
6. Astragalus phoenix Barneby
7. Astragalus yoder-williamsii Barneby
8. Castilleja salsuginosa N. Holmgren
9. Centaurium namophilum Reveal, Broome, & Beatley
10. Cryptantha insolita (Macbride) Payson
11. Enceliopsis nudicaulis (A. Gray) A. Nelson var. corrugata Cronquist
12. Eriogonum argophyllum Reveal
13. Eriogonum ovalifolium Nuttall var. williamsiae Reveal
14. Eriogonum viscidulum J.T. Howell
15. Frasera gypsicola (Barneby) D.M. Post
16. Grindelia fraxino-pratensis Reveal
17. Ivesia kingii S. Watson var. eremica (Coville) Ertter
18. Mentzelia leucophylla Brandegee
19. Nitrophila mohavensis Munz & Roos
20. Opuntia whipplei Engelman & Bigelow var. multigeniculata (Clokey) Benson
21. Phacelia inconspicua E.L. Greene
22. Polycstenium williamsiae Rollins
23. Primula capillaris N. Holmgren & A. Holmgren
24. Rorippa subumbellata Rollins
25. Spiranthes diluvialis Sheviak



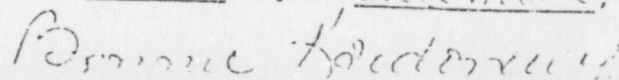
Roy W. Trenoweth
State Forester Firewarden
Division of Forestry
Department of Conservation and Natural Resources
123 West Nye Lane
Capitol Complex
Carson City, Nevada 89710

0233



SUBSCRIBED and SWORN to before me

this 18th day of December, 1992



527.250 Unlawful without written permit; penalty; enforcement.

1. It is unlawful for any person, firm, company or corporation to use a mechanical device to harvest cones or pine nuts from a pinon tree on lands owned by or under the control of the State of Nevada, or on any private lands without a written permit therefor from the owner or occupant of the land or his authorized agent.

2. Any violation of the provisions of this section is a misdemeanor.

3. The state forester firewarden and his representatives and all peace officers shall enforce the provisions of this section.

(Added to NRS by 1961, 9; A 1971, 1463; 1979, 1486; 1985, 305)

PROTECTION AND PROPAGATION OF SELECTED SPECIES OF NATIVE FLORA

527.260 Legislative finding.

1. The legislature finds that:

(a) The economic growth of the State of Nevada has been attended with some serious and unfortunate consequences. Nevada has experienced the extermination or extirpation of some of her native species of flora. Serious losses have occurred and are occurring in other species of flora with important economic, educational, historical, political, recreational, scientific and aesthetic values.

(b) The people of the State of Nevada have an obligation to conserve and protect the various species of flora which are threatened with extinction.

2. The purpose of NRS 527.260 to 527.300, inclusive, is to provide a program for the conservation, protection, restoration and propagation of selected species of flora and for the perpetuation of the habitats of such species.

(Added to NRS by 1969, 775)

527.270 List of species declared to be threatened with extinction; special permit required for removal or destruction. A species or subspecies of native flora shall be regarded as threatened with extinction when the state forester firewarden, after consultation with competent authorities, determines that its existence is endangered and its survival requires assistance because of overexploitation, disease or other factors or because its habitat is threatened with destruction, drastic modification or severe curtailment. Any species declared to be threatened with extinction shall be placed on the list of fully protected species, and no member of its kind may be removed or destroyed at any time by any means except under special permit issued by the state forester firewarden.

(Added to NRS by 1969, 775)

—ANNOTATIONS—

Administrative Regulations.

Protection and Preservation of Timbered
Lands, Trees and Flora, NAC 527.010 et seq.

527.280 Destruction or removal of dangerous species by state forester firewarden. Where any species of flora which is declared to be in danger of extinction pursuant to NRS 527.270 is found to be dangerous to domestic animals or fowl or a menace to health, the state forester firewarden may provide for its destruction or its removal, alive, for translocating.

(Added to NRS by 1969, 775)

527.290 Duties of governor. The governor shall review the programs which he administers and, to the extent practicable, utilize such programs in furtherance of the purpose of NRS 527.260 to 527.300, inclusive, and shall encourage other state and federal agencies to use their authorities in such a manner.

(Added to NRS by 1969, 775)

527.300 Powers and duties of state forester firewarden. In carrying out the program authorized by NRS 527.260 to 527.300, inclusive, the state forester firewarden, subject to the approval of the director of the state department of conservation and natural resources, shall cooperate, to the maximum extent practicable, with other states and with the counties in the State of Nevada, and may enter into agreements with such other states and counties and with other legal entities for the administration and management of any area established pursuant to NRS 527.260 to 527.300, inclusive, for the conservation, protection, restoration and propagation of species of native flora which are threatened with extinction.

(Added to NRS by 1969, 775; A 1977, 1168)

FOREST AND RANGE RENEWABLE NATURAL RESOURCES

527.310 Decennial report: Preparation; contents; financing.

1. Subject to the provisions of subsection 4, the state forester firewarden shall cause to be prepared before December 31, 1980, and at least every 10 years thereafter, a report showing the total amount of forest and range renewable natural resources in the State of Nevada.

2. The report shall include an inventory of:

(a) All nonfederal commercial forest, pinon pine and juniper woodlands, river bottom woodlands, higher elevation noncommercial forests and other forest and range renewable natural resources located within the state; and

(b) All species of flora within the state that are in danger of extermination or extirpation.



The University of New Mexico

New Mexico Natural Heritage Program
Department of Biology
2500 Yale Blvd. SE, Suite 100
Albuquerque, NM 87131-1091
Telephone (505) 277-1991
FAX (505) 277-7587

Post-It™ brand fax transmittal memo 7871		# of pages • 5
To	Michael Huff	From
Co.	Dames + Moore	Co.
Dept.		Phone #
Fax #	(520) 529-2449	Fax #

October 25, 1995

Michael Huff
Dames & Moore
Cambric Corporate Center
1790 East River Road, Ste E-300
Tucson, AZ 85718-5876

RE: D&M Job No. 00173-089-001

Dear Mr. Huff:

Regarding your request for data concerning the railway construction sites, we have found Occurrence Records for the following species in our database:

Guadalupe Co.

Pastura NE and Santa Rosa Quads

Cryptotis parva (Least Shrew) State Status-E2 TNC State Rank-S1
Helianthus paradoxus (Puzzle Sunflower) State Status-E
Federal Status-C1 TNC State, Global Rank-S3?,G3?

Lincoln Co.

Lone Mountain Quad

No Records, but Potentially:

Echinocereus fendleri var. kuenzleri (Kuenzler's Hedgehog Cactus)
State Status-E Federal Status-LE TNC State, Global Rank-S1,G4T1

Otero Co.

Tularosa NE Quad

Toumeyia papyracantha (Crama-grass Cactus) State Status-S
Federal Status-C3 TNC State, Global Rank-S3,G3

Grant Co.

Hidalgo Co.

All Quads

No Records, but Potentially:

Atriplex griffethsii (Griffith's Saltbush) State Status-S
Federal Status-C2 TNC State, Global Rank-S2,G3

Luna Co.

Gage and Gage NW Quads

Potentially Atriplex griffethsii

Carne Quad

Peniocereus greggii (Desert Night-Blooming Cereus) State Status-E
Federal Status-C2 TNC State, Global Rank-S2,G4

Dona Ana Co.

La Union Quad

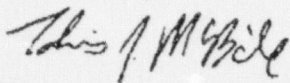
Opuntia arenaria (Sand Prickly Pear) State Status-E
Federal Status-C2 TNC State, Global Rank-S2,G2

All Quads:

Potentially Opuntia arenaria and Peniocereus greggii

Many of these areas have never been adequately searched, therefore full surveys would be appropriate. I hope that this information is helpful, if you have any questions, or need anything else please let us know.

Sincerely,



Tobias J. McBride
Assistant Information Manager

Enclosures: (3)

DEFINITIONS OF NEW MEXICO NATURAL HERITAGE PROGRAM RANKS OF ENDANGERMENT

GLOBAL RANKS

- G1 = Critically imperiled globally because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.
- G2 = Imperiled globally because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extinction throughout its range.
- G3 = Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range (ie, the Mogollon Plateau) or because of other factors making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 to 100.
- G4 = Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5 = Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- GH = Of historical occurrence throughout its range, ie, formerly part of the established biota, with the expectation that it may be rediscovered (ie, Bachman's Warbler)
- GU = Possibly in peril range-wide but status uncertain; need more information.
- GX = Believed to be extinct throughout range (ie, Passenger Pigeon) with virtually no likelihood that it will be rediscovered.
- T = Taxa below the species level can be ranked by placing a T-rank next to the global rank.
- Q = A Q next to a global rank indicates the taxonomy of the species or taxon has been questioned.

STATE RANKS

Note: Migratory species receive 2 state ranks, one for Breeding status, one for Non-breeding status.

- S1 = Critically imperiled in state because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extirpation from the state.
- S2 = Imperiled in state because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extirpation from the state.
- S3 = Rare or uncommon in state (on the order of 21 to 100 occurrences)
- S4 = Apparently secure in state, with many occurrences.
- S5 = Demonstrably secure in state and essentially ineradicable under present conditions.
- SA = Accidental in NM, including species (usually birds or butterflies) recorded once or twice or only at very great intervals.
- SB = Migratory species that breeds in the state.
- SE = An exotic established in state; may be native elsewhere in North America; includes fish native to NM but introduced into watersheds where the species is non-native.
- SH = Of historical occurrence in state, perhaps having not been verified in the past 20 years, and suspected to be still extant, or if occurrence known to be destroyed or extensively and unsuccessfully looked for.

- SB = Breeds in the state.
- SN = Regularly occurring, usually migratory and typically nonbreeding.
- SR = Reported from the NM, but without persuasive documentation which would provide a basis for either accepting or rejecting (ie, misidentified specimen) the report.
- SX = Apparently extirpated from New Mexico.
- SXC = Apparently extirpated from its natural habitat in the state, but being held in captivity.
- SU = Possibly in peril in NM but status uncertain; need more information

FEDERAL STATUS DEFINITIONS
(Determined by US Fish and Wildlife Service)

- LE = Endangered
- LT = Threatened
- PE = Taxa proposed to be listed as endangered.
- PT = Taxa proposed to be listed as threatened.
- C1 = Taxa for which the USFWS has on file enough substantial information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened species.
- C2 = Taxa for which there is some evidence of vulnerability, but for which there are not enough data to support listing proposals at this time. Taxa that are possibly extinct are indicated by an asterisk (*) and those that are known to exist only in cultivation are marked by double asterisks (**).
- 3A = Taxa for which the USFWS has persuasive evidence of extinction.
- 3B = Names that, on the basis of current taxonomic understanding, do not represent distinct taxa.
- 3C = Taxa that have proven to be more abundant or widespread than previously believed and/or those that are not subject to any identifiable threat.

STATE STATUS DEFINITIONS OF ENDANGERMENT: ANIMALS
(Determined by NM Dept. of Game and Fish)

- E1 = "Endangered, group 1," any species or subspecies whose prospects of survival or recruitment in New Mexico are in jeopardy.
- E2 = "Endangered, group 2," any species or subspecies whose prospects of survival or recruitment in New Mexico are likely to be in jeopardy within the foreseeable future.

STATE STATUS DEFINITIONS OF ENDANGERMENT: PLANTS
(Determined by Energy, Minerals and Natural Resources Dept.)

- E = "Endangered Plant Species," any plant species whose prospects of survival within the state are in jeopardy or are likely, within the foreseeable future, to become jeopardized.
- S = "Sensitive Plant"; any plant taxon that is considered to be rare because of restricted distribution or low numerical density.
- R = "Review List"; any plant taxon about which more information is needed. The species is either taxonomically questionable or poorly understood as to distribution or endangerment.

New Mexico Natural Heritage Program
University of New Mexico
2500 Yale Blvd S.E.
Albuquerque, NM 87131
(505)277-1991

Please note: The quantity and quality of data collected by the New Mexico Natural Heritage Program (NMNHP) are dependent on the research and observations of many individuals and organizations, mentioned below. In many cases, these data are not the result of comprehensive or site-specific field surveys; many natural areas in New Mexico have never been thoroughly surveyed. For these reasons, NMNHP cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of New Mexico. NMNHP reports summarize the existing information known to NMNHP at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements of areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

Acknowledgments

We wish to acknowledge the Museum of Southwestern Biology, New Mexico State University Museums, New Mexico Department of Game and Fish, Energy, Minerals and Natural Resource Department, US Forest Service, US Fish and Wildlife Service, Bureau of Land Management, National Park Service, New Mexico Environment Department, and many other organizations and individuals as sources for our database.



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1196 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-0187

MARK E. WEIDLER
SECRETARY

EDGART. THORNTON, III
DEPUTY SECRETARY

October 16, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Re: Request For Information

Dear Ms. Donsky:

This letter is in response to your October 4, 1995 letter regarding the merger of the Union Pacific and Southern Pacific Railroads. Your letter sought comment on five particular points. I will address them in order.

In regard to federal protected species information near the site and the listing of critical habitats you should contact the U.S. Fish & Wildlife Service (New Mexico Ecological Services State Office, 2105 Osuna NE, Albuquerque, New Mexico 87113, (505) 761-4542). In regard to state protected species information near the site and the listing of critical habitats you should contact the New Mexico Department of Game & Fish (Villagra Building, Santa Fe, New Mexico 87504, (505) 827-9904).

In regard to the locations of parks & refuges in proximity to the project you should contact the above agencies and the New Mexico Energy Minerals and Natural Resources Department - Park and Recreation Division (408 Galisteo St. Villagra Building, Santa Fe, New Mexico 87503, (505) 827-7465).

In regard to permitting/approval authority: the project description is too vague to answer completely. The construction activities may require permits pursuant to sections 402 and 404 of the federal Clean Water Act. Section 402, (National Pollutant Discharge Elimination System permits) may be required for point source discharge of pollutant to waters of the United States including storm water runoff from construction areas. Section 404 (Dredge & Fill permits) may be required for work in waters of the United States. The State is not delegated primacy for either program. The NPDES program is administered by the US Environmental Protection Agency Region 6 Office in Dallas, Texas. The Dredge and

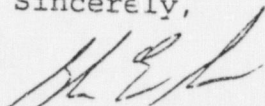
Ms. Julie Donsky
October 16, 1995
Page 2

Fill permit program is administered by the US Army Corps of Engineers in Albuquerque, New Mexico. In both permit programs, in accordance with section 401 of the Clean Water Act, the State has authority to review and approve through a certification process any permit issued by a federal agency under the Act.

As for other matters, I suggest you also contact the New State Historic Preservation Officer through the Office of Cultural Affairs (228 E. Palace Ave., Santa Fe, New Mexico 87503, (505) 827-6320).

If you have any questions, please contact me at (505) 827-2827.

Sincerely,



Glenn E. Saums
Health Program Manager
Surface Water Quality Bureau
Point Source Regulation Section



DIRECTOR AND SECRETARY
TO THE COMMISSION
Gerald A. Maracchini

STATE OF NEW MEXICO
DEPARTMENT OF GAME & FISH

Villagra Building
P.O. Box 25112
Santa Fe, NM 87504

STATE GAME COMMISSION
William H. Brininstool, Chairman
Jal, NM
Jim Charlesworth,
Rejon, NM
Gus Elgin
Silver City, NM
J.W. "Johnny" Jones
Albuquerque, NM
Steve Padilla
Albuquerque, NM
Dr. Charles Meyer
Albuquerque, NM
Andrea Maes Chavez
Navajo Dam, NM

November 1, 1995

Mr. Michael S. Huff
Staff Biologist
Dames & Moore
Cambric Corporate Center
1790 East River Road, Suite E-300
Tucson, Arizona 85718-5876

RE: Construction Sites Along Existing Southern Pacific
Railway in New Mexico

Dear Mr. Huff:

This correspondence is in response to your request for comments concerning the Union Pacific and Southern Pacific Railway Merger, D&M Job No. 00173-089-001. Based on the information you provided, there should be no significant direct impacts to wildlife or sensitive habitats.

For your information, we are sending a list of wildlife species listed as endangered by New Mexico, which occur in Lincoln, Otero, Guadalupe, Quay, Grant, Luna, and Dona Ana counties. We suggest you contact the New Mexico State Forestry Division (827-5830) regarding state-listed endangered plants and the U.S. Fish and Wildlife Service (863-7877) regarding species of federal concern. Thank you.

Sincerely,

Andrew V. Sandoval, Chief
Conservation Services Division

AVS/JB/ksw

cc: Joanna Lackey (Northeast Area Operations Chief, NMDGF)
Tom Moody (Southeast Area Operations Chief, NMDGF)
Craig Nordyke (Southwest Area Operations, NMDGF)

Encls.

0242

THREATENED, ENDANGERED, PROPOSED & CANDIDATE WILDLIFE:

Lincoln County.

Common Name.....	SCIENTIFIC NAME.....	FEDERAL END.	FED... THREAT.	FED... PROP.	FED... CAND.	STATE END.	STATE T.
Longfin Dace	<i>Agosia chrysogaster</i>	.	.	.	X	.	.
Sonora Sucker	<i>Catostomus insignis</i>	.	.	.	X	.	.
White Sands Pupfish	<i>Cyprinodon tularosa</i>	.	.	.	X	.	.
Sacramento Mtn. Salamander	<i>Aneides hardii</i>	.	.	.	X	.	.
Texas Horned Lizard	<i>Phrynosoma cornutum</i>	.	.	.	X	.	.
Bald Eagle	<i>Haliaeetus leucocephalus</i>	.	.	.	X	.	.
Northern Goshawk	<i>Accipiter gentilis</i>	.	X	.	.	.	.
Common Black-hawk	<i>Buteogallus anthracinus</i>	.	.	.	X	.	.
Ferruginous Hawk	<i>Buteo regalis</i>	.	.	.	.	.	.
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	.	.	.	X	.	.
Mountain Plover	<i>Charadrius montanus</i>	X	.	.	.	.	X
Mexican Spotted Owl	<i>Strix occidentalis lucida</i>	.	.	.	X	.	.
SW. Willow Flycatcher	<i>Empidonax traillii extimus</i>	.	X	.	.	.	.
Gray Vireo	<i>Vireo vicinior</i>	X	.	.	.	.	.
Baird's Sparrow	<i>Ammodramus bairdii</i>	.	.	.	.	.	.
Occult Little Brn. Myotis Bat	<i>Myotis lucifugus occultus</i>	.	.	.	X	.	.
Yuma Myotis Bat	<i>Myotis yumanensis</i>	.	.	.	X	.	.
Cave Myotis Bat	<i>Myotis velifer</i>	.	.	.	X	.	.
Fringed Myotis Bat	<i>Myotis thysanodes</i>	.	.	.	X	.	.
Long-legged Myotis Bat	<i>Myotis velans</i>	.	.	.	X	.	.
W. Small-footed Myotis Bat	<i>Myotis ciliolabrum</i>	.	.	.	X	.	.
Townsend's Big-eared Bat	<i>Plecotus townsendii pallescens</i>	.	.	.	X	.	.
Organ Mtns. Colorado Chipmunk	<i>Tamias quadrivittatus australis</i>	.	.	.	X	.	.
Gray-footed Chipmunk	<i>Tamias canipes</i>	.	.	.	X	.	.
AZ Black-tailed Prairie Dog	<i>Cynomys ludovicianus arizonensis</i>	.	.	.	X	.	.
Pecos River Muskrat	<i>Ondatra zibethicus ripensis</i>	.	.	.	X	.	.
Meadow Jumping Mouse	<i>Zapus hudsonius luteus</i>	.	.	.	X	.	.
Bonita Diving Beetle	<i>Deronectes neomexicana</i>	.	.	.	X	.	.

NATIVE WILDLIFE APPARENTLY NO LONGER OCCURRING IN LINCOLN COUNTY

River Carpsucker	<i>Carpilodes carpio carpio</i>	(extirpated from NM)
Gray Redhorse	<i>Moxostoma congestum</i>	(extirpated from NM)
Pecos Pupfish	<i>Cyprinodon pecosensis</i>	
Gray Wolf	<i>Canis lupus</i>	
Black-footed Ferret	<i>Mustela nigripes</i>	
Desert Bighorn Sheep	<i>Ovis canadensis mexicana</i>	
Merriam's Elk	<i>Cervus elaphus merriami</i>	(extinct)

THREATENED, ENDANGERED, PROPOSED & CANDIDATE WILDLIFE:

Otero County, NM

Common Name.....	SCIENTIFIC NAME.....	FEDERAL	FED....	FED...	FED....	STATE	STATE..
		END.	THREAT.	PROP.	CAND.	END.	THREAT.
White Sands Pupfish	Cyprinodon tularosa	-	-	-	X	-	X
Sacramento Mtn. Salamander	Aneides hardii	-	-	-	X	-	X
Texas Horned Lizard	Phrynosoma cornutum	-	-	-	X	-	-
Spotted Rock Rattlesnake	Crotalus lepidus lepidus	-	-	-	-	-	X
Leucotropic Cormorant	Phalacrocorax brasilianus	-	-	-	-	-	X
White-faced Ibis	Plegadis chihi	-	-	-	X	-	-
Bald Eagle	Haliaeetus leucocephalus	-	X	-	-	-	X
Northern Goshawk	Accipiter gentilis	-	-	-	X	-	-
Common Black-hawk	Buteogallus anthracinus	-	-	-	-	-	X
Ferruginous Hawk	Buteo regalis	-	-	-	X	-	-
Spotted Falcon	Falco femoralis septentrionalis	X	-	-	-	X	-
American Peregrine Falcon	Falco peregrinus anatum	X	-	-	-	X	-
Interior Least Tern	Sterna antillarum	X	-	-	-	X	-
Black Tern	Chlidonias niger	-	-	-	X	-	-
Common Ground-dove	Columbina passerina	-	-	-	-	X	-
Burrowing Owl	Speotyto cunicularia hypugaea	-	-	-	X	-	-
Mexican Spotted Owl	Strix occidentalis lucida	-	X	-	-	-	-
Elegant Trogon	Trogon elegans	-	-	-	-	X	-
SW. Willow Flycatcher	Empidonax traillii eximius	-	X	-	-	-	X
Bell's Vireo	Vireo bellii arizonae	-	-	-	-	-	X
Gray Vireo	Vireo vicinior	-	-	-	-	-	X
Varied Bunting	Passerina versicolor	-	-	-	-	-	X
Ind's Sparrow	Ammodramus bairdii	-	-	-	X	-	X
Occult Little Brn. Myotis Bat	Myotis lucifugus occultus	-	-	-	X	-	-
Cave Myotis Bat	Myotis velifer	-	-	-	X	-	-
Fringed Myotis Bat	Myotis thysanodes	-	-	-	X	-	-
Long-legged Myotis Bat	Myotis volans	-	-	-	X	-	-
W. Small-footed Myotis Bat	Myotis ciliolabrum	-	-	-	X	-	-
Townsend's Big-eared Bat	Plecotus townsendii pallascens	-	-	-	X	-	-
Big Free-tailed Bat	Nyctinomops macrotis	-	-	-	X	-	-
Penasco Least Chipmunk	Tamias minimus stristriatus	-	-	-	-	X	-
Gray-footed Chipmunk	Tamias canipes	-	-	-	X	-	-
AZ Black-tailed Prairie Dog	Cynomys ludovicianus arizonensis	-	-	-	X	-	-
S. Guadalupe Pocket Gopher	Thomomys bottae guadalupensis	-	-	-	X	-	-
Plains Pocket Gopher	Geomys bursarius	-	-	-	X	-	-
White Sands Wood Rat	Neotoma micropus leucophaea	-	-	-	X	-	-
Meadow Jumping Mouse	Zapus hudsonius luteus	-	-	-	X	-	X

NATIVE WILDLIFE APPARENTLY NO LONGER OCCURRING IN OTERO COUNTY

Longnose Dace	Rhinichthys cataractae	
Green Sunfish	Lepomis cyanellus	
Merriam's Elk	Cervus elaphus merriami	(extinct)
Gray Wolf	Canis lupus	(extirpated from NM)
Desert Bighorn Sheep	Ovis canadensis mexicana	

THREATENED, ENDANGERED, PROPOSED & CANDIDATE WILDLIFE:

Guadalupe County.

Common Name.....	SCIENTIFIC NAME.....	FEDERAL FCO....	FED..	FED...	STATE ST.		
		END.	THREAT.	PROP.	CAND.	END.	THE
Mexican Tetra	<i>Astyanax mexicanus</i>	.	.	.	.	.	.
Plains Minnow	<i>Hybognathus placitus</i>	.	.	.	.	.	.
Flathead Chub	<i>Platygobio gracilis</i>	.	.	.	X	.	.
Rio Grande Shiner	<i>Notropis jemezianus</i>	.	.	.	X	.	.
Bigscale Logperch	<i>Percina macrolepida</i>	.	.	.	X	.	.
Texas Horned Lizard	<i>Phrynosoma cornutum</i>	.	.	.	.	.	.
Brown Pelican	<i>Pelecanus occidentalis</i>	.	.	.	X	.	.
White-faced Ibis	<i>Plegadis chihi</i>	X	.	.	.	.	X
Bald Eagle	<i>Haliaeetus leucocephalus</i>	.	.	.	X	.	.
Common Black-hawk	<i>Buteogallus anthracinus</i>	.	X	.	.	.	.
Ferruginous Hawk	<i>Buteo regalis</i>	.	.	.	.	.	.
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	.	.	.	X	.	.
Mountain Plover	<i>Charadrius montanus</i>	X	.	.	.	.	X
SW. Willow Flycatcher	<i>Empidonax traillii extimus</i>	.	.	.	X	.	.
Gray Vireo	<i>Vireo vicinior</i>	X	.	.	.	.	.
Baird's Sparrow	<i>Ammodramus bairdii</i>	.	.	.	.	.	.
W. Small-footed Myotis Bat	<i>Myotis ciliolabrum</i>	.	.	.	X	.	.
Plains Pocket Gopher	<i>Geomys bursarius</i>	.	.	.	X	.	.
Pecos River Muskrat	<i>Ondatra zibethicus ripensis</i>	.	.	.	X	.	.
Swift Fox	<i>Vulpes velox</i>	.	.	.	X	.	.

NATIVE WILDLIFE APPARENTLY NO LONGER OCCURRING IN GUADALUPE COUNTY

Rio Grande Silvery Minnow	<i>Hybognathus amarus</i>	
Pecos Bluntnose Shiner	<i>Notropis sinus pecosensis</i>	
Blue Catfish	<i>Ictalurus furcatus</i>	
Gray Wolf	<i>Canis lupus</i>	(extirpated from NM)
Black-footed Ferret	<i>Mustela nigripes</i>	(extirpated from NM)
Merriam's Elk	<i>Cervus elaphus merriami</i>	(extinct)
Shortneck Snaggletooth	<i>Gastrocopta dalliana dalliana</i>	

THREATENED, ENDANGERED, PROPOSED & CANDIDATE WILDLIFE:

Quay County, N.M.

Common Name.....	SCIENTIFIC NAME.....	FEDERAL END.	FED.... THREAT.	FED... PROP.	FED... CAND.	STATE END.	STATE THRE
Plains Minnow	<i>Hybognathus placitus</i>	.	.	.	X	.	.
Canadian Speckled Chub	<i>Macrhybopsis aestivalis tetranemus</i>	.	.	.	X	.	.
Flathead Chub	<i>Platygobio gracilis</i>	.	.	.	X	.	.
Arkansas River Shiner	<i>Notropis girardi</i> (Native pop)	.	.	X	.	.	.
Brook Stickleback	<i>Culaea inconstans</i>	.	.	.	.	.	.
Bigscale Logperch	<i>Percina macrolepidia</i>	.	.	.	.	.	.
Texas Horned Lizard	<i>Phrynosoma cornutum</i>	.	.	.	X	.	.
White-faced Ibis	<i>Plegadis chihi</i>	.	.	.	X	.	.
Bald Eagle	<i>Haliaeetus leucocephalus</i>	.	X	.	.	.	.
Ferruginous Hawk	<i>Buteo regalis</i>	.	.	.	X	.	.
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	X	.	.	.	.	.
Mountain Plover	<i>Charadrius montanus</i>	.	.	.	X	.	.
Black Tern	<i>Chlidonias niger</i>	.	.	.	X	.	.
Burrowing Owl	<i>Speotyto cunicularia hypugaea</i>	.	.	.	X	.	.
SW. Willow Flycatcher	<i>Empidonax traillii extensus</i>	X	.	.	.	.	.
Gray Vireo	<i>Vireo vicinior</i>	.	.	.	.	.	.
Baird's Sparrow	<i>Ammodramus bairdii</i>	.	.	.	X	.	.
Least Shrew	<i>Cryptotis parva</i>	.	.	.	.	.	.
Plains Pocket Gopher	<i>Geomys bursarius</i>	.	.	.	X	.	.
Swift Fox	<i>Vulpes velox</i>	.	.	.	X	.	.

NATIVE WILDLIFE APPARENTLY NO LONGER OCCURRING IN QUAY COUNTY

Merriam's Elk	<i>Cervus elaphus merriami</i>	(extinct)
Black-footed Ferret	<i>Mustela nigripes</i>	(extirpated from NM)

THREATENED, ENDANGERED, PROPOSED & CANDIDATE WILDLIFE:

Grant County, N

Common Name.....	SCIENTIFIC NAME.....	FEDERAL END.	FED.... THREAT.	FED... PROP.	FED... CAND.	STATE END.	STATE THREAT.
Gila Trout	Oncorhynchus gilae	X	-	-	-	-	-
Longfin Dace	Agosia chrysogaster	-	-	-	-	-	-
Chihuahua Chub	Gila nigrescens	-	-	-	X	-	-
Roundtail Chub	Gila robusta	-	X	-	-	X	-
Gila Chub	Gila intermedia	-	-	-	-	-	-
Spikedace	Meda fulgida	-	-	-	X	-	-
Speckled Dace	Rhinichthys osculus (Federal C2 pop)	-	X	-	-	X	-
Loach Minnow	Rhinichthys cobitis	-	-	-	-	-	X
Desert Sucker	Catostomus clarki	-	X	-	-	-	-
Sonora Sucker	Catostomus insignis	-	-	-	X	-	X
Gila Topminnow	Poeciliopsis occidentalis occidentalis	X	-	-	X	-	-
AZ Southwestern Toad	Bufo microscaphus microscaphus	-	-	-	-	-	X
Chiricahua Leopard Frog	Rana chiricahuensis	-	-	-	X	-	-
Lowland Leopard Frog	Rana yavapaiensis	-	-	-	X	-	-
Reticulate Gila Monster	Heloderma suspectum suspectum	-	-	-	X	X	-
Texas Horned Lizard	Phrynosoma cornutum	-	-	-	-	-	-
Mexican Garter Snake	Thamnophis eques	-	-	-	X	-	-
Narrowhead Garter Snake	Thamnophis rufipunctatus	-	-	-	X	X	-
Green Rat Snake	Senticolis triaspis	-	-	-	X	-	X
Brown Pelican	Pelecanus occidentalis	-	-	-	-	-	X
Neotropic Cormorant	Phalacrocorax brasilianus	X	-	-	-	X	-
Bald Eagle	Haliaeetus leucocephalus	-	-	-	-	-	X
Northern Goshawk	Accipiter gentilis	-	X	-	-	-	X
Common Black-hawk	Buteogallus anthracinus	-	-	-	X	-	-
N. Gray Hawk	Buteo nitidus maximus	-	-	-	-	-	X
Ferruginous Hawk	Buteo regalis	-	-	-	X	-	-
Aplomado Falcon	Falco femoralis septentrionalis	-	-	-	X	-	-
American Peregrine Falcon	Falco peregrinus anatum	X	-	-	-	X	-
Whooping Crane	Grus americana	X	-	-	-	X	-
Common Ground-dove	Columbina passerina	X	-	-	-	X	-
Mexican Spotted Owl	Strix occidentalis lucida	-	-	-	-	X	-
Lucifer Hummingbird	Calothorax lucifer	-	X	-	-	-	-
Costa's Hummingbird	Calypte costae	-	-	-	-	-	-
Elegant Trogon	Trogon elegans	-	-	-	-	-	X
Gila Woodpecker	Melanerpes uropygialis	-	-	-	-	-	X
H. Beardless-tyrannulet	Camptostoma imberbe	-	-	-	-	X	-
SW. Willow Flycatcher	Empidonax traillii extimus	-	-	-	-	-	X
Bell's Vireo	Vireo bellii arizonae	X	-	-	-	X	-
Gray Vireo	Vireo vicinior	-	-	-	-	-	X
Abert's Towhee	Pipilo aberti	-	-	-	-	-	X
Baird's Sparrow	Ammodramus bairdii	-	-	-	-	-	X
Yellow-eyed Junco	Junco phaeonotus	-	-	-	X	-	X

THREATENED, ENDANGERED, PROPOSED & CANDIDATE WILDLIFE:

Luna County NM

Common Name.....	SCIENTIFIC NAME.....	FEDERAL END.	FED.... THREAT.	FED.. PROP.	FED... CAND.	STATE END.	STATE.. THREAT.
Longfin Dace	<i>Agosia chrysogaster</i>				X		
Great Plains Narrowmouth Toad	<i>Gastrophryne olivacea</i>						
Chiricahua Leopard Frog	<i>Rana chiricahuensis</i>					X	
Lowland Leopard Frog	<i>Rana yavapaiensis</i>				X		
Texas Horned Lizard	<i>Phrynosoma cornutum</i>				X		
Bald Eagle	<i>Haliaeetus leucocephalus</i>						
Common Black-hawk	<i>Buteogallus anthracinus</i>		X				X
N. Gray Hawk	<i>Buteo nitidus maximus</i>						X
Ferruginous Hawk	<i>Buteo regalis</i>				X		
Aplomado Falcon	<i>Falco femoralis septentrionalis</i>				X		
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	X				X	
Whooping Crane	<i>Grus americana</i>	X				X	
Mountain Plover	<i>Charadrius montanus</i>	X				X	
Common Ground-dove	<i>Columbina passerina</i>				X		
Burrowing Owl	<i>Speotyto cunicularia hypugaea</i>					X	
SW. Willow Flycatcher	<i>Empidonax traillii extimus</i>				X		
Bell's Vireo	<i>Vireo bellii arizonae</i>	X					X
Abert's Towhee	<i>Pipilo aberti</i>						X
Baird's Sparrow	<i>Ammodramus bairdii</i>						X
Fringed Myotis Bat	<i>Myotis thysanodes</i>				X		X
Long-legged Myotis Bat	<i>Myotis volans</i>				X		
Townsend's Big-eared Bat	<i>Plecotus townsendii pallescens</i>				X		
Idaho Pocket Gopher	<i>Geomys bursarius</i>				X		
Shortneck Snaggletooth	<i>Gastrocopta dalliana dalliana</i>						
Cook's Peak Woodlandsnail	<i>Ashmunella macromphala</i>				X	X	
Florida Mountainsnail	<i>Oreohelix florida</i>				X		X

NATIVE WILDLIFE APPARENTLY NO LONGER OCCURRING IN LUNA COUNTY

Chub, Chihuahua	<i>Gila nigrescens</i>	
Beautiful Shiner	<i>Cyprinella formosa</i>	(extirpated from NM)
Palomas Pupfish	<i>Cyprinodon sp.</i>	(extirpated from NM)
Reticulate Gila Monster	<i>Heloderma suspectum suspectum</i>	
Arizona Black-tailed Prairie Dog	<i>Cynomys ludovicianus arizonensis</i>	
Mexican Gray Wolf	<i>Canis lupus baileyi</i>	(extirpated from NM)
Desert Bighorn Sheep	<i>Ovis canadensis mexicanus</i>	

THREATENED, ENDANGERED, PROPOSED & CANDIDATE WILDLIFE:

Dona Ana County

FEDERAL	FED.	FED.	FED.	STATE	STATE
END.	THREAT.	PROP.	CAND.	END.	THREAT.

Texas Horned Lizard	Phrynosoma cornutum
Neotropical Cormorant	Phalacrocorax brasilianus
White-faced Ibis	Plegadis chihi
Bald Eagle	Haliaeetus leucocephalus
Common Black-hawk	Buteogallus anthracinus
Ferruginous Hawk	Buteo regalis
Apomado Falcon	Falco femoralis septentrionalis
American Peregrine Falcon	Falco peregrinus anatum
Whooping Crane	Grus americana
Interior Least Tern	Sterna antillarum
Black Tern	Chlidonias niger
Common Ground-dove	Columba passerina
Burrowing Owl	Speotyto cunicularia hypugaea
Mexican Spotted Owl	Strix occidentalis lucida
Boreal Owl	Aegolius funereus
Buff-collared Nightjar	Caprimulgus ridgwayi
Broad-billed Hummingbird	Cyananthus latirostris
Costa's Hummingbird	Calypte costae
SW. Willow Flycatcher	Empidonax traillii extimus
Bell's Vireo	Vireo bellii arizonae
Gray Vireo	Vireo vicinior
Baird's Sparrow	Ammodramus bairdii
Occult Little Brn. Myotis Bat	Myotis lucifugus occultus
Yuma Myotis Bat	Myotis yumanensis
Fringed Myotis Bat	Myotis thysanodes
W. Small-footed Myotis Bat	Myotis ciliolabrum
Spotted Bat	Euderma maculatum
Townsend's Big-eared Bat	Plecotus townsendii pallescens
Big Free-tailed Bat	Nyctinomops macrotis
Organ Mtns. Colorado Chipmunk	Tamias quadrivittatus australis
Southern Pocket Gopher	Thomomys umbrinus
Plains Pocket Gopher	Geomys bursarius
Pecos River Muskrat	Ondatra zibethicus ripensis
Desert Bighorn Sheep	Ovis canadensis mexicana (endangered pops)
Dona Ana Talussnail	Sonorella todseni

CHIHUAHUA CATFISH BY WINTER OCCURRENCE IN DONA ANA COUNTY

Chihuahua Catfish	Ictalurus sp	
American Eel	Anguilla rostrata	(extirpated from NM)
Mexican Tetra	Astyanax mexicanus	
Rio Grande Chub	Gila pandora	
Rio Grande Silvery Minnow	Hybognathus amarus	
Rio Grande Shiner	Notropis jemezianus	
Rio Grande Bluntnose Shiner	Notropis simus simus	(extinct)
Gray Redhorse	Maxostoma congestum	
Flathead Catfish	Pylodictis olivaris	
Arizona Black-tailed Prairie Dog	Cynomys ludovicianus arizonensis	
Gray Wolf	Canis lupus	(extirpated from NM)
Desert Bighorn Sheep	Ovis canadensis mexicana	
Ovate Vertigo	Vertigo ovata	

The New Mexico list of threatened and endangered species should be used with caution. This list has not been modified by new information since 1990. The list may contain species that are extirpated from the state, that are not native to the state, and that may be misclassified as threatened or endangered. In addition, the list does not include some species that are very rare in the state.

September 30, 1995

OKLAHOMA DEPARTMENT OF TRANSPORTATION
200 N. E. 21st Street
Oklahoma City, OK 73105-3204

October 13, 1995

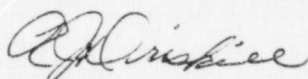
Ms. Julie Donsky, Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This is in response to your letters dated September 20 and October 4, 1995 regarding environmental information for the proposed merge of Union Pacific and Southern Pacific Railroads. Based on our review, it is recommended that you contact those agencies overseeing the resource areas of concern listed in your letters. Enclosed is the list of federal, state and local agencies that the Department routinely contacts for all major highway improvement projects as part of the early environmental review and documentation process.

Copies of your letters will be forwarded to the Rail Planning Branch and Traffic Engineering Division for their information. If you have any questions, please contact Mr. Kevin Larios of the Transportation Planning Branch at (405)521-2515.

Sincerely,



R. J. Driskill, P. E.
Planning Engineer

RJD:KML

Enclosure

c: Rail Planning Branch
Safety Branch, Traffic Engineering Division

0251



Oklahoma Historical Society

Founded May 27, 1893

2100 NORTH LINCOLN BLVD. • OKLAHOMA CITY, OKLAHOMA 73105 • (405) 521-2100

November 1, 1995

Ms. Julier Donsky
DAMES & MOORE
1701 Golf Road, Suite #1000
Rolling Meadows, Illinois 60008

RE: File #0164-96 & #0189-96; Union Pacific & Southern Pacific
Railroad Merger Projects (Your letters dated 9-30-95, 10-4-95
and 10-23-95)

Dear Ms. Donsky:

We have received your letters regarding the referenced projects.

Enclosed is a current copy of Oklahoma's National Register Handbook, which contains a complete list of all of the National Register listings in Oklahoma. In addition, this office maintains extensive files on other historic properties in Oklahoma, some of which may be eligible for the National Register of Historic Places. These files are available for in-house public use. Please call me at 405/521-6381 if you would like to make an appointment to review these files.

Sincerely,

J. Marshall Gettys
J. Marshall Gettys
Historical Archaeologist

JMG:pm

Enclosure

STB

FD

32760

11-30-95

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DISTRICT NO. 1
TROY STREBER
381-3272
TUTTLE, OKLAHOMA 73089

DISTRICT NO. 2
EALMER KLIPPEL
224-2184
CHICKASHA, OKLAHOMA 73018

DISTRICT NO. 3
JACK PORTER
476-3577
RUSH SPRINGS, OKLAHOMA 73082

OFFICE OF

County Commissioners

GRADY COUNTY, OKLAHOMA
PHONE: 224-5211
CHICKASHA, OKLAHOMA 73018

OCTOBER 10, 1995

DAMES & MOORE
ONE CONTINENTAL TOWERS
1701 GOLF ROAD
SUITE 1000
ROLLING MEADOWS, ILLINOIS 60008

DEAR SIR:

IN REGARD TO YOUR QUESTIONNAIRE FOR YOUR ENVIRONMENTAL REPORT:

THERE ARE NO PROTECTED SPECIES ON THE COUNTY LEVEL.

NO CRITICAL HABITATS WITHIN 5 MILES OF EACH SITE.

SHANNON SPRINGS PARK IN CHICKASHA, DAVIS PARK IN RUSH SPRINGS, MINCO
PARK IN MINCO, LAKE TAYLOR ARE THE PARKS AND REFUGES IN PROXIMITY TO THE
PROPOSED PROJECTS.

NO CITATIONS OVER THE ACTIONS IDENTIFIED.

LOCAL CONCERN AT THESE SITES ARE THE CROSSINGS.

SINCERELY,

Ealmer R. Klippel

EALMER R. KLIPPEL
CHAIRMAN OF THE BOARD

ERK/mj

0253

"SUPPORT YOUR COUNTY GOVERNMENT"

BOARD OF COUNTY COMMISSIONERS
KINGFISHER COUNTY, OKLAHOMA

Office Phone (405) 375-3808

Fax Phone (405) 375-6033

JAMES MUEGGENBORG
First District
Kingfisher, Oklahoma 73750

JIM SHIMANEK
Second District
Hennessey, Oklahoma 73742

HENRY SENN
Third District
Kingfisher, Oklahoma 73750

November 1, 1995

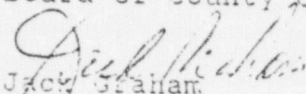
Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

This letter is in reference to your request on concerns there may be in our county pertaining to the merger of railroad companies.

Kingfisher County participates in the National Flood Insurance Program. Attached please find a copy of the Flood Insurance Rate Map outlining the designated floodplain in our county. The index map indicates sections of the railroad tracks are located in the floodplain. In these areas, it is required by ordinance, that any type of filling, grading, dredging and other development be permitted.

If you require additional information or if I can be of assistance, please let me know.

Sincerely,
Board of County Commissioners


Jack Graham
Floodplain Administrator

0254

101 S. Main, Room 9
Kingfisher, OK 73750



October 27, 1995

JULIE DONSKY, ENVIRONMENTAL SCIENTIST
DAMES AND MOORE
1701 GOLF ROAD - STE 1000
ROLLING MEADOWS IL 60008

RE: Environmental Report for UP/SP Merger

In response to your request of October 23, 1995, regarding the upcoming merger of the Union Pacific Railroad (UP) and Southern Pacific Lines (SPL), the Oregon Public Utility Commission (PUC) has the following comments:

The Champ Siding and Hemlock Siding extension projects identified in your letter as "Merger Related Rail Construction," near Portland, Oregon, will have an impact on our crossing safety program. PUC has exclusive authority and jurisdiction over alterations of any public grade crossing within the state (ORS 763.013). Our calculations indicate the two extensions will go through two such crossings. UP, or the new railroad, must file an application with PUC to alter these crossings (ORS 763.030). Such application must be filed with PUC, and authority granted, prior to commencement of work within these crossings. Attached is a copy the appropriate statutes.

Additionally, the proposed project to expand Barnes Yard could impact railroad employee safety. Under PUC authority (ORS 761.200), railroads are required to provide adequate trackside walkways, affording their employees a safe working area. Any new railroad track constructed after May 1, 1974, must comply with these safety rules (OAR 860-44-210). Therefore, any new track, or track extension, must be in compliance with the rules when placed in service. I have attached a copy of the appropriate statute and Administrative Rule.

John A. Kitzhaber
Governor

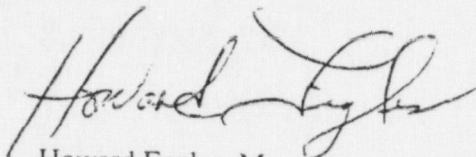


0256

550 Capitol St. NE
Salem, OR 97310-1380
(503) 378-5849

DAMES and MOORE
UP/SP Merger
October 27, 1995
page 2

The PUC is very active in promoting public and railroad employee safety, and is confident that the combined UP/SP Railroad will carry on with safety matters in the manner in which they have in the past. If you have any questions regarding the aforementioned laws and rules, please call this office.



Howard Fegles, Manager
Rail/Crossing Safety Section
Transportation Safety Division
(503)378-6217
FAX(503)378-8815

hf/i:up/spEIS

attachments

cc: UP/SP Merger File



Office of the Attorney General
State of Texas

DAN MORALES
ATTORNEY GENERAL

October 12, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

I am returning your letter and attachments of September 30, 1995 requesting specific information for use in your preparation of an Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. Since this is not information the Office of the Attorney General keeps in the ordinary course of business or can provide to you directly, I am furnishing the addresses of those specific regulatory agencies within the state of Texas that have jurisdiction over the matters that you have noted in your letter. Please send future requests directly to the agencies for assistance in this matter. In Texas, those agencies are:

The Parks and Wildlife Commission
Andrew Sansom, Executive Director
4200 Smith School Road
Austin, Texas 78744

The Natural Resources Conservation Commission,
Dan Pearson, Executive Director
12100 Park 35 Circle
P.O. Box 13087
Austin, Texas 78711-3087.

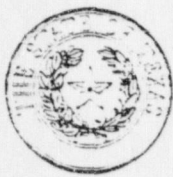
Should you need any additional information from this office, after you contact the regulatory agencies in Texas, please do not hesitate to let me know.

Very truly yours,

Hal R. Ray, Jr.
Hal R. Ray, Jr.
Chief, Natural Resources Division

G:\NRD\DATA\USH\DONSKY.DOC

0258



TEXAS
HISTORICAL
COMMISSION

George W. Bush • Governor
John L. Nau, III • Chairman
Curtis Tunnell • Executive Director

The State Agency for Historic Preservation

October 9, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Re: Union Pacific and Southern Pacific Railroad merger (ICC, F2, F10)

Thank you for the opportunity to review the project referenced above. Our office needs more information before we can comment on this project under Section 106 of the National Historic Preservation Act. Specifically, please provide descriptions (nature, horizontal and vertical extent, impacts) of new construction activities that will occur as a result of the proposed merger. Accordingly, please also provide proposed construction areas plotted on USGS topographic maps.

We look forward to reviewing this project upon receipt of the requested additional information. If you have any questions, please contact the reviewer of this project, Sergio Iruegas of our staff, at 512/463-5865.

Sincerely,

for James E. Bruseth, Ph.D.
Deputy State Historic Preservation Officer
Review

Timothy K. Perttula, Ph.D.
Assistant Director for Antiquities

JEB/TKP/SI

cc: T. C. Adams - State Single Point of Contact

0259

DEPARTMENT OF ANTIQUITIES PROTECTION

P.O. Box 12276 • Austin, TX 78711-2276 • 512/463-6096 • Fax 512/463-8927 • TDD 1-800-735-2080

TEXAS HISTORICAL COMMISSION
P.O. Box 12276 • Austin, Texas 78711 • 512/463-6094
State Historic Preservation Office (SHPO)
Review of Federal Undertaking (funded or licensed), under the
National Historic Preservation Act of 1966 (16 USC 470) as amended.

SECTION 106 (36 CFR 800).

REVIEWER: Amy Dase Bruce Jensen Jamie Wise Technical Review
DATE: 10/19/95
ATTN: Julie Dase
TRACK CODE: L-110

RE: James F. Moore, Inc. Golf Rd, El Paso, Rolling Meadows, Ill. 60002
Multistate Co. (100) Union Pacific / S. Pacific Merge

The Section 106 review process is intended to protect historic properties from adverse effects by Federal agencies. Federal agencies, or their designated representatives, must notify the Texas State Historic Preservation Officer (SHPO) if they are considering taking action themselves or if they are assisting, permitting or licensing an action that will affect a property built before 1950, including archeological sites.

SECTION 106 PROCESS IS NOT YET REQUIRED FOR BUILDINGS BUILT AFTER 1950

STEP A: DETERMINATION OF ELIGIBILITY - projects with standing structures will be reviewed by the National Register Department staff, and projects with below ground sites will be reviewed by the Department of Antiquities Protection staff. See contact list on reverse.

1. Provide information on the property: *Please provide information on all pre-1950 houses and bridges of steel, stone or concrete in the project area.*
 - ☒ A. Address (street, city, county)
 - ☒ B. Construction date
 - ☒ C. Architect/builder
 - ☒ D. A brief history of the building
 - ☒ E. Photographs of at least two elevations and one streetscape
 - ☒ F. A location map
 - ☒ G. A USGS map for archeological sites, accurately plotted.
 2. Send SHPO that information along with description of intended work.
 3. Based on the information provided, the SHPO will determine within 30 days if the building, structure, object, or site is eligible for listing in the National Register. Possible responses from the SHPO are:
 - ☐ NOT ELIGIBLE. If the building or site is not eligible, your agency can proceed with the intended action without further consultation with the SHPO.
 - ☐ MORE INFORMATION REQUIRED (any combination of items in #1). If more information is required, your agency must send the requested information and await a determination of eligibility. Determination will be made within 30 days.
 - ☐ ELIGIBLE. If the building is eligible, your agency must contact the Department of Architecture at the SHPO (see contact list) for a "determination of effect" the action will have on the building.
 - ☐ LISTED in the National Register. If the building is already listed in the National Register, the agency must contact the SHPO Department of Architecture for a determination of effect; GO TO STEP B.
- For archeological sites, the SHPO will respond:
- ☐ NOT ELIGIBLE. Your agency can proceed with the intended action.
 - ☐ MORE INFORMATION REQUIRED. Your agency must send a survey report and/or conduct a test excavation and await a determination of eligibility.
 - ☐ ELIGIBLE. If the archeological site is eligible; GO TO STEP B.
4. If the agency does not concur with the determination, it must request a determination from the Keeper of the National Register of Historic Places (see contact list).

Barry R. McBee, *Chairman*
K. B. "Relph" Marquez, *Commissioner*
John M. Baker, *Commissioner*
Dan Pearson, *Executive Director*

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

November 3, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Re: Request for Comments on Environmental Report for the Merger of the Union
Pacific and Southern Pacific Railroads

Dear Ms. Donsky:

The staff of the Texas Natural Resource Conservation Commission has reviewed the environmental report for the merger of the Union Pacific and Southern Pacific Railroads and the construction projects associated with it. We offer the following comments:

Agriculture and Watershed Management Division:

The staff of the Watershed Planning and Assessments Section has no comments pertaining to any water quality effects of the project.

However, during construction, runoff of storm water can affect surface water quality. This so-called nonpoint source pollution can have an impact on water quality and aquatic life by carrying sediment and chemical contaminants into nearby streams.

These impacts can be minimized by the use of construction and post-construction water quality protection practices, and we urge you to use such practices as you undertake this project.

If you have any questions regarding comments on water quality, please feel free to contact Mr. Tom Remaley, Watershed Planning and Assessments Section, at (512) 239-4576.

0261

November 3, 1995

Office of Policy and Regulatory Development:

A review by our Office of Policy and Regulatory Development revealed the need for you to include general conformity of the state implementation plan in the air quality sections of the proposed merger Environmental Report. General Conformity regulations require that both direct and indirect air emissions be considered when determining the applicability of general conformity. The proposed merger potentially impacts three ozone, one carbon monoxide, and one respirable particulate matter (PM₁₀) nonattainment areas within the state of Texas. The merger also impacts one ozone maintenance area (Victoria County) within the state. A map of current Texas nonattainment areas and a copy of the state general conformity regulations are enclosed for your use.

The Houston/Galveston area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties) is classified as a severe ozone nonattainment area with a level of significance for ozone precursor emissions increases of 25 tons/year. The El Paso (El Paso County) ozone nonattainment area is classified as a serious area with a level of significance for precursor increases of 50 tons/year. The Dallas/Fort Worth (Collin, Dallas, Denton, and Tarrant Counties) area is classified as a moderate ozone nonattainment area with a level of significance for precursor increases of 100 tons/year. Victoria County is classified as an ozone maintenance area, with a level of significance of 250 tons/year.

The CO nonattainment area and the PM₁₀ nonattainment areas are both located in El Paso County. The CO area consists of a small area within the city limits of El Paso which essentially follows Interstate 10 and the Rio Grande River. The PM₁₀ area is contained within the city limits of El Paso. The levels of significance for both pollutants are 100 tons/year.

General Conformity regulations require that Federal actions be considered as a whole rather than a series of separate, but related, actions. For that reason, the actions which deal with changes in rail activity should be combined with construction actions within each nonattainment area in order to determine the net emissions increase/decrease for conformity purposes. For example, an increase in emissions from increased rail activity in Tarrant County may be offset by the retirement of the Southern Pacific's Broadway and CJ yards in Fort Worth. Although conformity regulations do not require that general conformity evaluations be included within the National Environmental Policy Act (NEPA) documents, the air quality impact section of the NEPA documents is an appropriate location for general conformity reporting.

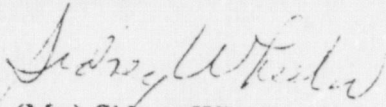
Ms. Julie Donsky
Page 3

November 3, 1995

If you have any questions regarding comments from the Office of Policy and Regulatory Development, please feel free to contact Mr. Buddy Henderson at (512) 239-1510.

Thank you for the opportunity to review your documents. Please address any future requests for comments to my attention.

Sincerely,

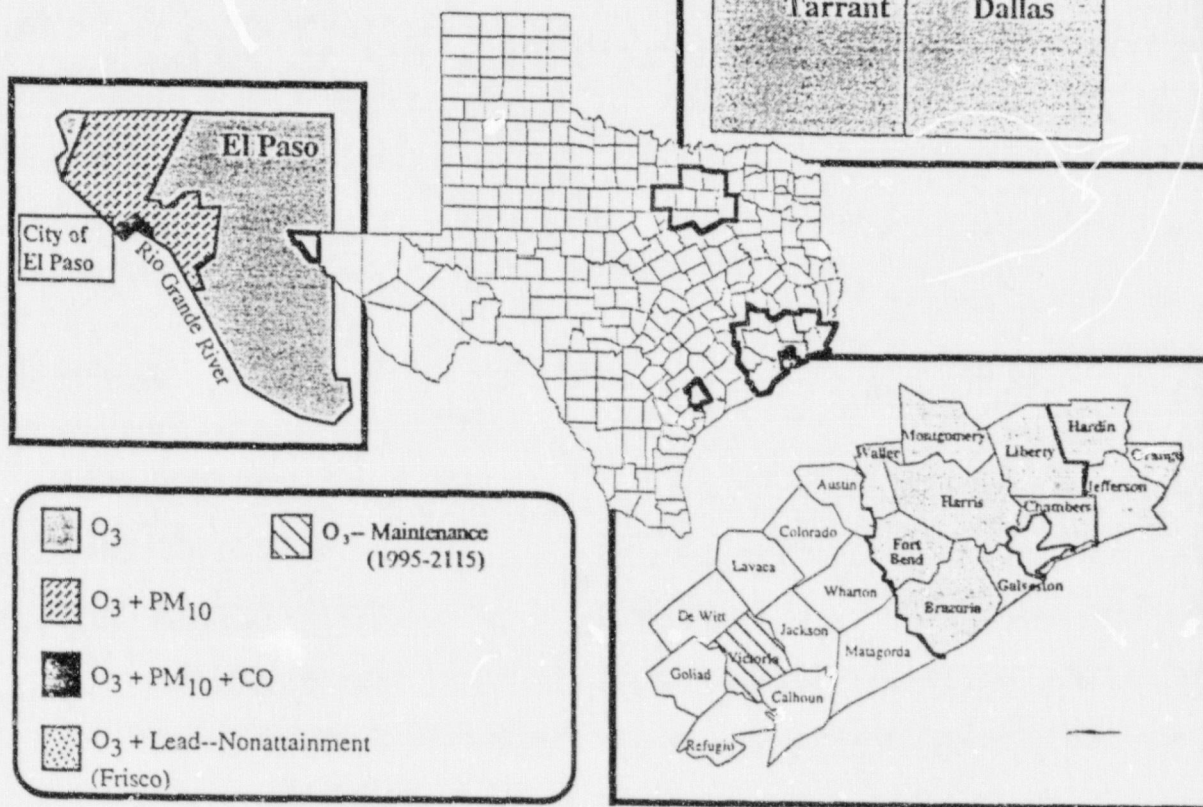


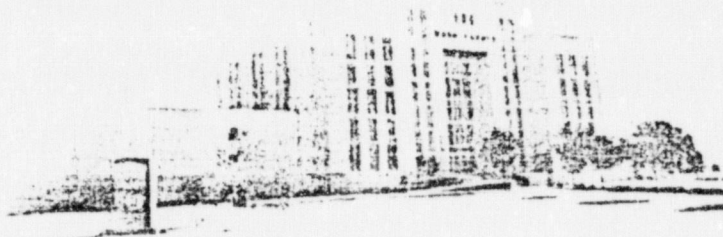
(Ms.) Sidney Wheeler
Program Administrator
Intergovernmental Relations Division

Enclosures

cc: Mr. John Behnam, EPA Region VI (w/o encl.)
Mr. Tom Adams, Office of State-Federal Relations (w/o encl.)

Nonattainment Areas in Texas





Office of:

WARD COUNTY JUDGE
SAM G. MASSEY
WARD COUNTY COURTHOUSE
MONAHANS, TEXAS 79756
915/943-3209
Fax: 915/943-6054

WARD COUNTY
MONAHANS, TEXAS

79756

October 13, 1995

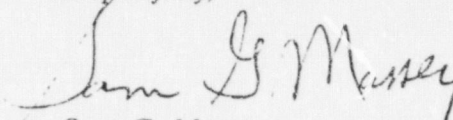
Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky,

In response to your letter of September 30, 1995, I offer the following. The greatest concern I have regarding the railroad construction project is that private land owners be paid a proper fee for any property taken or damaged because of the project. The railroad has a terrible reputation for not paying for damages caused by their operation, such as a wildfire started by their trains. They seldom, if ever, repair fences along their right-of-way even when they damage the fence during their work projects.

A change in attitude and responsibility, concerning private property rights and paying for damages caused by them is in order.

Respectfully,


Sam G. Massey
County Judge

SGM/chc



HAROLD M. COUCH

COUNTY JUDGE

P. O. BOX 190 • PALO PINTO, TEXAS 76484
(817) 659-1253

October 23, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Ill 60008

Dear Ms. Donsky:

Reference your letter dated September 30, 1995, Palo Pinto County does not have information indicating critical habitats protected species or parks are effected as a result of your merger and proposed construction projects.

I have no information on possible permitting or approval authority which the state may or may not have.

I have heard of no local concerns regarding environmental matters in Palo Pinto County.

Sincerely,
Harold M. Couch

Harold M Couch
County Judge

HMC/lgw



COUNTY OF MONTAGUE

CLEVE E. STEED
County Judge

4 October 11, 1995

Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Attention: Julie Donsky
Environmental Scientist

Dear Ms. Donsky:

In response to your letters of October 4 and September 30,
I am unaware of any environmental situations which would be
impacted by the railroad merger.

Sincerely,

A handwritten signature in cursive script, reading "Cleve E. Steed", is written above the printed name.

Cleve E. Steed

jf

0267

November 3, 1995

Dames & Moore
One Continental Towers
1701 Gold Road
Suite 1000
Rolling Meadows, Illinois 60008

C CHARLES L. STILL
COUNTY JUDGE
P. O. BOX 790
GILMER, TEXAS 75644

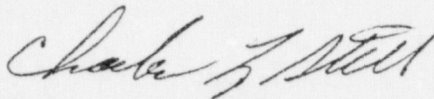
Re: Your letter dated October 30, 1995 on possible application for merger of Union Pacific
and Southern Pacific Railroads

Dear Sirs!

Please forward to me as soon as available a detailed map of the proposed extension of the
siding for 1468 feet in **Big Sandy, Texas.**

This project could possibly impact an environmental situation in our County, and we wish an
opportunity to evaluate the plan prior to implementation.

Sincerely,



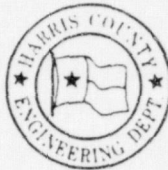
Charles L. Still
Upshur County Judge
P.O. Box 790
Gilmer, Texas 75644

CLS:mrc

0268

Terry A. Anderson, P.E.

County Engineer
(713) 755-5370



November 3, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

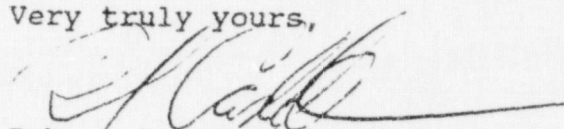
**Re: Environmental Report on Construction Projects - Merger of
the Union Pacific and Southern Pacific Railroads**

Dear Ms. Donsky:

In reference to your request to provide certain information and concerns of Harris County on the above subject matter, please be advised that we have previously provided our comments to the Interstate Commerce Commission (copy attached) on the merger of the two railroads and the proposed second rail line in east Harris County. Our comments were in reference to an environmental report prepared by the Interstate Commerce Commission Section of Environmental Analysis. Even though your request involves three rail reconstructions around the 610 Loop area, I feel that the information provided in the environmental report and our response to the report covers the questions that you are asking. That is, the report identifies all the local, state and federal agencies that have jurisdiction in the subject matter. I would recommend that you obtain a copy of the environmental report.

Attached for your use is a 1994 Harris County Recreational Facilities Map that identifies the parks within the subject area.

Very truly yours,


Robert L. Castille, P.E.
Technical Assistant
for Precinct 2

RLC/ic
Attachments

cc: Mr. Louie Ditta, PCT. 2
Mr. Elmo Wright, PCT. 2
Mr. Terry Anderson, HCED
Mr. Don Primosic, HCED
Central File

0269

j:\ta's\pct2\11-03-95.001

Terry A. Anderson, P.E.

County Engineer
(713) 755-5370



August 9, 1995

CERTIFIED MAIL

Article No. 351774

Ms. Victoria Rutson
Section of Environmental Analysis, Room 3219
Interstate Commerce Commission
Washington, D.C. 20423

Re: Environmental Assessment
Finance Docket No. 32571
Union Pacific Railroad Company

Dear Ms. Rutson:

Thank you for allowing Harris County the opportunity to participate in the environmental review process on the rail project referenced above. In reviewing the Environmental Assessment (EA) submitted by your office, there are several items that we would like you to consider before making your recommendation to the Commission on whether or not to issue a permit to the Union Pacific Railroad Company to construct and operate a new rail line between McNair, Texas and Mont Belvieu, Texas.

Please consider the following items:

1. Chapter 4.0 of the EA discusses the need for a competitive second direct rail carrier to serve Exxon, Chevron and Amoco. Presently, these companies are provided rail services exclusively by Southern Pacific. The issue to consider here is based on two recent newspaper articles (copies attached) where Union Pacific has reached an agreement to acquire Southern Pacific for \$5.4 billion. It is our opinion that Chapter 4.0, as written, completely misrepresents the facts in an attempt to justify a second rail line. It is requested that you revisit Chapter 4.0, since Union Pacific will own Southern Pacific, to compare the benefits of the second rail alternative versus the "no-build" alternative. In effect, Exxon, Chevron, and Amoco will not get a competitive second carrier.

0270

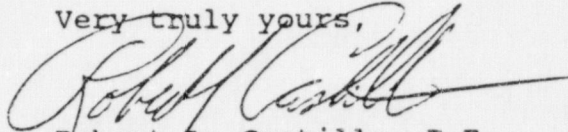
August 9, 1995
Ms. Victoria Rutson
Page -2-

2. The EA did not address in detail the impact that the elevated rail line (dam) would have on existing drainage. It is requested that a complete engineering study be performed following the design criteria of the Harris County Flood Control District and the Harris County Engineering Department. Both agencies would have to approve the report and the related construction drawings before construction could commence.
3. The EA identifies numerous water wells, several surface water canals and three major aquifers in the project area. Since hazardous material will be transported by Union Pacific, the "potential" does exist for contamination of these water systems that are presently used by the citizens, industries and municipalities in Harris County. It is requested that this item be considered when you reevaluate the subject matter in item (1.) noted above.
4. It is requested that Union Pacific agree to establishing a maintenance program for the monthly mowing of grass and the removal of debris (tires, etc.) from the proposed railroad drainage ditches (right-of-way).
5. The EA did not provide information on the operations of the proposed switching yard that is located between North Main Street and Hadden Road. Will the switching activity cause either of the roadways to be blocked, and if so, for how long? North Main Street will be a major thoroughfare in the future.
6. The EA states that Union Pacific shall install appropriate warning devices at the grade crossing and shall determine the type of warning devices in cooperation with local authorities. It is requested that self actuated signalization and gate arms be installed at all Harris County maintained roads.
7. The EA concludes that the proposed project should not significantly affect the quality of the human environment. Our concern here is that this statement is based on existing conditions. That is, low volume rail traffic (one train per day in each direction) traveling through a rural and agricultural area. The EA did not address the potential increased usage of the rail line in the future, and its impact on the environment if the area develops to any greater extent at all.

August 9, 1995
Ms. Victoria Rutson
Page -3-

Thank you again for the opportunity to make these comments prior to your decision. Please advise us of the Interstate Commerce Commission's decision concerning the permitting of this project.

Very truly yours,



Robert L. Castille, P.E.
Technical Assistant
for Precinct 2

RLC/ic
Attachments

cc: Commissioner Jim Fonteno, PCT. 2
Mr. Louie Ditta, PCT. 2
Mr. Elmo Wright, PCT. 2
Mr. Terry A. Anderson, HCED
Mr. Don Primosic, HCED
Central File

0272



ROBERT ECKELS
COUNTY JUDGE

November 1, 1995

Ms. Julie Donsky
DAMES & MOORE, INC.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This office has received your correspondence requesting information to assist in the preparation of the Environmental Report for the merger of the Union Pacific and Southern Pacific Railroads.

We are referring the matter to the Harris County Engineer, Mr. Terry Anderson.

Thank you for keeping us updated on the progress of the Environmental Report and application to the Interstate Commerce Commission.

Sincerely,

A handwritten signature in black ink, consisting of a large, stylized 'O' followed by a checkmark-like flourish.

Robert Eckels
County Judge

RAE/RH/cc

0273



GOVERNOR'S OFFICE OF PLANNING AND BUDGET
Resource Development Coordinating Committee



Michael O. Leavitt
Governor

Brad T. Barber
State Planning Coordinator

Catherine Quinn
Committee Chairman

John A. Harja
Executive Director

116 State Capitol Building
Salt Lake City, Utah 84114
(801) 538-1027
Fax: (801) 538-1547

October 27, 1995

Julie Donsky
Dames and Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

SUBJECT: Merger of the Union Pacific and Southern Pacific Railroads -
Environmental Report
State Identification Number: UT950925-010

Dear Ms. Donsky:

The Resource Development Coordinating Committee (RDCC), representing the State of Utah, has reviewed this proposal and has no comments at this time.

The Committee appreciates the opportunity to review this proposal. Please direct any other written questions regarding this correspondence to the Utah State Clearinghouse at the above address or call Carolyn Wright at (801) 538-1535, Nancy Keate at (801) 538-1548, or John Harja at (801) 538-1559.

Sincerely,

Brad T. Barber
State Planning Coordinator

BTB/ar

Salt Lake County
Board of Commissioners

Brent Overson CHAIRMAN
Randy Horiuchi
Mary Callaghan

RECEIVED
OCT 13 1995



SALT LAKE COUNTY
GOVERNMENT CENTER
2001 S. State Street
Suite N2100
Salt Lake City
Utah 84190-1000

October 11, 1995

Mr. Craig Anderson
Deputy County Attorney
Government Center, #S3500
Salt Lake City, Utah

Mr. Glen Lu
Parks & Recreation Director
Government Center, #S4700
Salt Lake City, Utah

Dr. Thomas L. Schlenker
Health Director
Government Center, #S2500
Salt Lake City, Utah

Gentlemen:

The Board of County Commissioners, at its meeting held this day, referred to you the attached letter from Julie Donsky, Environmental Scientist with Dames & Moore, regarding their preparation of the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads.

The Board requests that you review this matter and make a recommendation to them.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

SHERRIE SWENSEN, COUNTY CLERK

By Isabel Velazquez
Deputy Clerk

kkm
encl.

cc: Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road #1000
Rolling Meadows, IL 60008

Salt Lake County
Board of Commissioners

Brent Overson CHAIRMAN
Randy Horiuchi
Mary Callaghan



SALT LAKE COUNTY
GOVERNMENT CENTER
2001 S. State Street
Suite N2100
Salt Lake City
Utah 84190-1000

November 1, 1995

Mr. Glen Lu, Director
Parks & Recreation Division
Government Center, North Bldg.
Salt Lake City, Utah

Mr. Douglas R. Short
County Attorney
Government Center, South Bldg.
Salt Lake City, Utah

Dear Mr. Lu & Mr. Short:

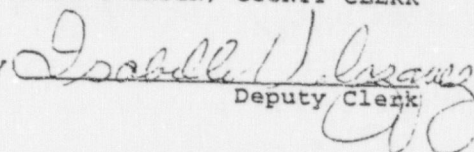
The Board of County Commissioners, at its meeting held this day, referred to you the attached letter from Ms. Julie Donsky, Environmental Scientist - Dames & Moore, Inc., advising the county that they are preparing an environmental report for the application for merger of the Union Pacific and Souther Pacific Railroads and the attached list and maps show additional construction projects and modifications to construction projects that were identified in previous letters.

The Board requests that you review this matter and make a recommendation.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

SHERRIE SWENSEN, COUNTY CLERK

by 
Deputy Clerk

hfp

cc: Public Works

encl.

Dames & Moore, Inc.
c/o Ms. Julie Donsky
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008



October 16, 1995

The Honorable Board of County Commissioners
Salt Lake County Government Center
2001 South State Street, Suite N-2100
Salt Lake City, Utah 84190-1000

Attn: Commissioner Brent Overson, Chairman

Re: Environmental report information to Dames & Moore.

Brent Overson
Salt Lake County
Commissioner

Julianne Peck
Department Director
Community & Support Services
Department

David Marshall
Associate Director
Community & Support Services
Department

Glen Lu
Division Director

Honorable Commissioners:

The Parks & Recreation Division submits to your Honorable Board its recommendation regarding the letter from the Ms. Julie Donsky, Environmental Scientist, Dames & Moore, Rolling Meadows, Illinois, for information on the locations of parks in proximity to the projected merger of the Union Pacific and Southern Pacific Railroads.

The division has identified the Northwest Multipurpose Center to be within approximately 1.5 miles of the projected merger site. It is our impression, however, that the proposed construction project would have negligible impact on the center and its ancillary open space.

Parks & Recreation recommends to your Honorable Board that this information be forwarded to Ms. Donsky at Dames & Moore for inclusion into the specified environmental report.

Sincerely yours,

Glen Lu, Director
Parks & Recreation Division

glc/glc
Attachment

0277



Salt Lake County Parks & Recreation
Room S4700, 2001 S. State Street, Salt Lake City, Utah 84190 (801) 468-2299

Salt Lake County
Board of Commissioners

Brent Overson CHAIRMAN
Randy Horiuchi
Mary Callaghan



SALT LAKE COUNTY
GOVERNMENT CENTER
2001 S. State Street
Suite N2100
Salt Lake City
Utah 84190-1000

October 23, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road #1000
Rolling Meadows, IL 60008

Dear Ms. Donsky:

The Board of County Commissioners, at its meeting held this day, referred to you the attached letter from Mr. Glen Lu, Parks & Recreation Director, in regard to the preparation of the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads.

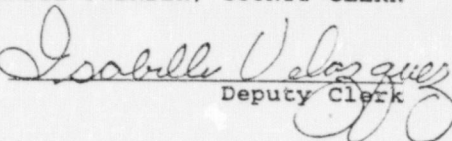
Mr. Lu states that the Northwest Multipurpose Center is within 1.5 miles of the projected merger site and indicates that the proposed construction project would have negligible impact on the center and its ancillary open space.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

SHERRIE SWENSEN, COUNTY CLERK

by


Deputy Clerk

hfp
encl.
cc: Recreation/Mr. Lu

PERSONAL COMMUNICATIONS
CONSTRUCTION PROJECTS

CONSTRUCTION

PERSONAL COMMUNICATIONS

FEDERAL

Corrasa, Mary, U.S. Army Corps. of Engineers, November 3, 1995. Personal communication regarding the Cascade Tunnels and Donner Pass sites. Everything was noted to look correct.

STATE

ARKANSAS

Wilson, John, Environmental Officer for Miller County, October 18, 1995. Personal communication regarding the Texarkana abandonment site. It was noted that no environmental impacts can be noted at this site.

Jeffery, Randy, Arkansas SHPO, October 24, 1995. Personal communication regarding various abandonment sites. It was noted that surveys are generally not required unless the areas are "extremely sensitive" areas.

COLORADO

Hardy-Hunt, Karen, Colorado SHPO, November 1, 1995. Personal communication regarding a record search. It was noted that a review of the areas was completed and the only potential issue may be the Clifford School.

KANSAS

Shields, Scott, Kansas Department of Health and Environment, September 25, 1995. Personal communication regarding a stormwater permit for construction. It was noted that for a construction activity of 5 acres or more a stormwater Notice of Intent form must be filled out and sent to the state with a 60 dollar fee to get a permit.

NEVADA

Brown, Maggie, Nevada Museum, November 1, 1995. Personal communication regarding a Nevada record search. It was noted that the record search shows no recorded historic or archaeological properties on any of the Nevada construction projects. Additionally, the Humboldt River is considered a sensitive area and surveys will likely be required.

OREGON

Kelly, Mike, Dames & Moore, October 30, 1995. Personal communication regarding a record search. It was noted that a record search at Oregon SHPO was completed. One problem encountered was that there is no way to check for historic structures within a specific area because they are not mapped. The only way to know for sure is to physically check the areas of concern.

TEXAS

Ireques, Sergio, Texas SHPO, October 19, 1995. Personal communication regarding various construction sites.

SECTION A-2

ABANDONMENT PROJECTS

SAMPLE LETTER TO AGENCIES
ABANDONMENT PROJECTS

September 21, 1995

Mr. Mike Chiratti
Chief Projects Analyst
Office of Planning and Research
1400 Tenth Street
Sacramento, CA 95814

Dear Mr. Chiratti:

Dames & Moore is preparing the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. The attached list and maps show merger related abandonment sites which are currently identified within your state. In some states there will also be rail segments which will be affected by the proposed merger and construction which will occur as a result of the proposed merger. We will advise you if and when they are identified in your state.

To prepare our Environmental Report, we are requesting that you inform us of any concerns you have and provide information regarding:

- protected species information (State; Federal) within 5 miles of each site.
- listing of critical habitats within 5 miles of each site.
- locations of parks and refuges in proximity to the proposed projects.
- citations to any permitting/approval authority which you believe your state has over the actions identified.
- any other information you would like to provide regarding environmental matters or local concerns at these sites.

We would appreciate receiving the requested information at your earliest convenience. We would further appreciate it if the information could be supplied in writing or orally to the undersigned at the address and phone/fax numbers on this letterhead. The railroads will be filing our Environmental Report with their application to the Interstate Commerce Commission ("ICC") on or before December, and thus your prompt reply will ensure that our report, which the ICC will consider in preparing its own environmental assessment of the above-described project, includes consideration of your views.

We very much appreciate your assistance.

Very truly yours,
DAMES & MOORE, INC.

Julie Donsky
Environmental Scientist

CONTACT LIST
ABANDONMENT PROJECTS

FEDERAL

U.S. ARMY CORPS OF ENGINEERS

U.S. Army Engineer District, Little Rock
P.O. Box 867, 700 W. Capital
Little Rock, AR 72203-0867

U.S. Army Engineer Division,
South Pacific
630 Sansome Street, Room 720
San Francisco, CA 94111-2206

U.S. Army Engineer District, Los Angeles
P.O. Box 2711
Los Angeles, CA 90053-2325

U.S. Army Engineer District, Sacramento
Attention: Mary Corrasa
1325 "J" Street
Sacramento, CA 95814-2922

U.S. Army Engineer District,
San Francisco
211 Main Street
San Francisco, CA 94105-1905

U.S. Army Engineer Division District
North Central
111 N. Canal Street
Chicago, IL 60606-7206

U.S. Army Engineer District, Chicago
111 N. Canal Street, Ste 600
Chicago, IL 60606-7206

U.S. Army Engineer District, Rock Island
P.O. Box 2004
Rock Island, IL 61204-2004

U.S. Army Engineer District, New Orleans
P.O. Box 60267
New Orleans, LA 70160-0267

U.S. Army Engineer Division,
Lower Miss Valley
P.O. Box 80, 1400 Walnut Street
Vicksburg, MS 39181-0080

U.S. Army Engineer District, St. Louis
Regulatory Branch
1222 Spruce Street
St. Louis, MO 63103-2833

U.S. Army Engineer District, Kansas City
700 Federal Building
Kansas City, MO 64106-2896

U.S. Army Engineer District,
Missouri River
P.O. Box 103, Downtown Station
Omaha, NE 68101-0103

U.S. Army Engineer District, Albuquerque
P.O. Box 1580
Albuquerque, NM 87103-1580

U.S. Army Engineer District, Tulsa
1645 S. 101st East Ave
Tulsa, OK 74128

U.S. Army Engineer District, Memphis
B-202 Federal Building
167 N. Main Street
Memphis, TN 38103-1894

U.S. Army Engineer Division,
Southwestern
1114 Commerce Street
Dallas, TX 75242-0216

U. S. Army Engineer District, Fort Worth
P.O. Box 17300
Fort Worth, TX 76102-0300

U.S. Army Engineer District, Galveston
P.O. Box 1229
Galveston, TX 77553-1229

U.S. FISH AND WILDLIFE

U.S. FISH AND WILDLIFE SERVICE
Region 6
P.O. Box 25486
Denver Federal Center
Denver, CO 80225

U.S. FISH AND WILDLIFE SERVICE
Region 2
P.O. Box 1306
500 Gold Avenue, SW - Room 4000
Albuquerque, NM 87102

U.S. FISH AND WILDLIFE SERVICE
Region 4
Richard B. Russell Fed Bldg, Room 1200
1875 Century Blvd., Ste 200
Atlanta, GA 30345

U.S. FISH AND WILDLIFE SERVICE
Region 1
911 N.E. 11th Ave.
Portland, OR 97232-4181

U.S. FISH AND WILDLIFE SERVICE
Region 3
One Federal Drive
Federal Building
Fort Snelling, MN 55111

U.S. ENVIRONMENTAL PROTECTION AGENCY REGIONAL OFFICES

USEPA
Region 9
75 Hawthorne Street
San Francisco, CA 94105

USEPA
Region 8
999 18th St, Ste 500
Denver, CO 80202-2466

USEPA
Region 5
77 West Jackson Blvd.
Chicago, IL 60604

USEPA
Region 7
726 Minnesota Ave.
Kansas City, KS 66101

USEPA, Region 6
First Interstate Bank Tower
at Fountain Place
1445 Ross Avenue, 12th Floor, Ste 1200
Dallas, TX 75202

BUREAU OF INDIAN AFFAIRS

Walter Mills, Area Director
Bureau of Indian Affairs
P.O. Box 10
Phoenix, AZ 85001

Ronald M. Jaeger, Area Director
Bureau of Indian Affairs
2800 Cottage Way
Sacramento, CA 95825-1846

Patrick A. Hayes, Area Director
Bureau of Indian Affairs
P.O. Box 26567
Albuquerque, NM 87125-6567

Wilson Barber, Area Director
Bureau of Indian Affairs
P.O. Box 1060
Gallup, NM 87305

L.W. Bill Collier, Area Director
Bureau of Indian Affairs
W.C.D. Office Complex
P.O. Box 368
Anadarko, OK 73005-0368

Nancy Jemison, Acting Area Director
Bureau of Indian Affairs
3701 N. Fairfax Drive
Mailstop VASQ 260
Arlington, VA 22203

DIRECTOR OF THE NATIONAL PARK SERVICE

Roger Kennedy
Director of National Park Service
Main Interior
1849 C Street NW
Washington, DC 20240

STATE

ARKANSAS

Joseph Gillesbie, Manager
State Clearinghouse
Intergovernmental Srv.
Dept. of Finance & Administration
P.O. Box 3278
Little Rock, AR 72203

Department of Arkansas Heritage
Arkansas Historic Preservation Program
The Heritage Center
323 Center Street, Ste. 1500
Little Rock, AR 72201

Department of Pollution Control
and Ecology
P.O. Box 9583
Little Rock, AR 72219

State Conservationist
USDA Soil Conservation Service
5404 Federal Building
700 W. Capitol Avenue
Little Rock, AR 72219

Honorable Judge Grady Rumyan
Clark County
Courthouse Square
Arkadelphia, AR 71923

Honorable Judge Paul A. Lucas
Ouachita County
145 Jefferson
Camden, AR 71701

CALIFORNIA

Mike Chiratti
Chief Projects Analyst
Office of Planning and Research
1400 Tenth Street
Sacramento, CA 95814

Office of Historic Preservation
Department of Parks and Recreation
P.O. Box 942896
Sacramento, CA 94296-0001

Environmental Protection Agency
555 Capitol Mall
Sacramento, CA 95814

State Conservationist
USDA Soil Conservation Service
2121-C Second Avenue
Davis, CA 95616-5475

Mark Delaplaine
California Coastal Commission
45 Fremont Street, Ste 2000
San Francisco, CA 94105-2219

Sally Reed, Chief Administrative Officer
Los Angeles County
500 W. Temple Street
Los Angeles, CA 90012

Theresa Nagel
Chairman of the Board
Lassen County
220 S. Lassen
Susanville, CA 96130

Mike Maxwell
Chief Administrative Officer
Modoc County
120 S. Main
Alturas, CA 96101

Patrick O'Connell
Alameda County
1221 Oak St.
Oakland, CA 94612

COLORADO

Bill Vidal
Executive Director
Colorado Department of Transportation
4201 E. Arkansas Avenue #262
Denver, CO 80222

Dick Norman
Colorado Division of Wildlife
6060 Broadway
Denver, CO 80216

Stewart Macdonald
State Parks
1313 Sherman Street, Room 618
Denver, CO 80203

Commissioner
Kiowa County
P.O. Box 591
Eads, CO 81036

Dr. Richard Martinez, Chairman
Pueblo County
215 W. 10th St.
Pueblo, CO 81003

Kent Hager, Commissioner
Lake County
P.O. Box 964
Leadville, CO 80461

Board of Commissioners
Fremont County
615 Macon Ave., Rm.102
Canon City, CO 81212

Blaine Arbuthnot
Chairman
Crowley County
110 E. 6th St.
Ordway, CO 81063

James Johnson
Chairman
Eagle County
P.O. Box 850
Eagle, CO 81631

Frank McMurry
Commissioner
Chaffee County
P.O. Box 699
Salida, CO 81201

ILLINOIS

Steve Klockenga
State Single Point of Contact
Office of the Governor
State of Illinois
107 Stratton
Springfield, IL 62706

Don Vonnahme, Director
Department of Transportation
Room 401 - Annex Building
2300 South Dirksen Parkway
Springfield, IL 62764

Illinois Historic Preservation Agency
1 Old State Capitol Plaza
Springfield, IL 62701-1512

Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62794

State Conservationist
USDA Soil Conservation Service
1902 Fox Drive
Champaign, IL 61820

Weldon J. Hedes, Chairman
Menard County
P.O. Box 465
Petersburg, IL 62675

David P. Thomas, Chairman
Macoupin County
Carlinville, IL 62626

Marie Francis Squires, Chairman
Sangamon County
Sangamon County Complex
200 S. 9th St.
Springfield, IL 62701

Nelson Hagnauer, Chairman
Madison County
157 N. Main
Edwardsville, IL 62025

KANSAS

Department of Transportation
Room 800 N
Docking State Office Bldg.
Topeka, KS 66612

Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, KS 66604

Kansas State Historical Society
120 West 10th Street
Topeka, KS 66612

Department of Health and Environment
Division of Environment
Landon State Office Building
901 S.W. Jackson Street
Topeka, KS 66612

State Conservationist
USDA Soil Conservation Service
760 South Broadway
Salina, KS 67401

George Schlesener
Chairman
Dickinson County
Court Abilene
Abilene, KS 67410

Leon White
Chairman
Butler County
205 Central
Eldorado, KS 67042

Gary Hindman
Chairman
Saline County
P.O. Box 5040
Salina, KS 67402-5040

Ken Meir
Chairman
Harvey County
915 Washington
Newton, KS 67114

LOUISIANA

Dept. of Transportation and Development
P.O. Box 94245
Baton Rouge, LA 70804-9245

Louisiana Public Service Commission
P.O. Box 91154
Baton Rouge, LA 70821-9154

Office of Cultural Development
Dept. of Culture, Recreation and Tourism
P.O. Box 44247
Baton Rouge, LA 70804

Department of Environmental Quality
P.O. Box 44066
Baton Rouge, LA 70804

State Conservationist
USDA Soil Conservation Service
3737 Government Street
Alexandria, LA 71302

Director
Coastal Management Division
Department of Natural Resources
P.O. Box 44487
Baton Rouge, LA 70804-4487

Jefferson Davis Parish
Jefferson Davis Parish Police Jury
P.O. Box 1409
Jennings, LA 70546

Marc McMurry
Parish Administrator
Calcasieu Parish
P.O. Draw 3287
Lake Charles, LA 70602

TEXAS

Tom Adams
Governor's Office of Budget and Planning
P.O. Box 12428
Austin, TX 78711

Texas Historical Commission
P.O. Box 12276, Capitol Station
Austin, TX 78711

Environmental Protection Division
P.O. Box 12548
Austin, TX 78711-2548

State Conservationist
USDA Soil Conservation Service
Poage Federal Building
101 S. Main Street
Temple, TX 76501-7682

Andrew Sansom, Executive Director
The Parks & Wildlife Commission
4200 Smith School Road
Austin, TX 78744

Dan Pearson, Executive Director
The Natural Resources Conservation
Com.
12100 Park 35 Circle, P.O. Box 13087
Austin, TX 78711-3087

Mark Sweeney
East Texas Council of Governments
3800 Stone Road
Kilgore, TX 75667

Honorable Judge Larry Craig
Smith County, Rm.304
100 N. Broadway
Tyler, TX 75702

Patricia Ritchie
County Clerk
Galveston County
P.O. Box 2450
Galveston, TX 77553

Marian Ward
County Clerk of Court
Brazos County
300 E. 26th St., Ste 120
Bryan, TX 77803

Honorable Judge Robert Echols
Harris County
1001 Preston, Ste. 911
Houston, TX 77002

Honorable Judge Billy Lee Steilbauer
Robertson County
P.O. Box 427
Franklin, TX 77856

UTAH

Carolyn Wright
Office of Planning and Budget
Utah State Clearinghouse
Room 116 State Capitol
Salt Lake City, UT 84114

Utah State Historical Society
300 Rio Grande
Salt Lake City, UT 84101

Division of Environmental Health
P.O. Box 16700
Salt Lake City, UT 84116-0700

State Conservationist
USDA Soil Conservation Service
4402 Bennett Federal Building
125 S. State Street
Salt Lake City, UT 84147

R. Lee Allen
County Commissioner
Box Elder County
Number 1 South Main
Brigham City, UT 84302

Bruce Anderson, Commissioner
Weber County
2549 Washington Blvd.
Ogden, UT 84401

AGENCY RESPONSES
ABANDONMENT PROJECTS



REPLY TO
ATTENTION OF

Planning Division

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, OMAHA DISTRICT
215 NORTH 17TH STREET
OMAHA, NEBRASKA 68102-4978
October 19, 1995



Dames & Moore, Inc.
Julie Donsky Environmental Scientist
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear: Mrs. Donsky:

We have reviewed the proposed merger of the Union Pacific and Southern Pacific Railroads, in regards to abandonment sites located in Colorado and Kansas. We reviewed your proposal letter, dated September 22, 1995, and enclosed maps and we offer the following comments.

In reference to our telephone conversation on October 16, 1995, you stated that the U.S. Army Corps of Engineers office, in Kansas City, Missouri, has been contacted by your office in regard to this proposal.

Your plans should be coordinated with the U.S. Environmental Protection Agency, which is currently involved in a program to protect groundwater resources.

If you have not already done so, we recommend that you consult with the U.S. Fish and Wildlife Service and the state agency responsible for fish and wildlife resources. In addition, the State Historic Preservation Office should be contacted for information and recommendations on potential cultural resources in the project area.

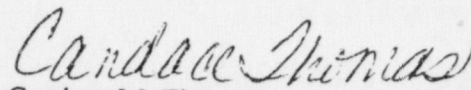
It appears that some of the construction could take place in waterways or wetlands which are classified as waters of the United States and are therefore regulated under Section 404 of the Clean Water Act. If construction activities involve any work in waters of the United States, a Section 404 permit may be required. For a detailed review of permit requirements, final project plans should be sent to:

Tim Carey
Tri Lakes Project Office
U.S. Army Corps of Engineers
9307 Colorado State Hwy. #121
Littleton, Colorado 80123-6901

0296

If you have any questions, please contact Mr. Robert Tusa of our staff at (402) 221-4594. Thank you for the opportunity to review this proposal.

Sincerely,

A handwritten signature in cursive script that reads "Candace Thomas".

Candace M. Thomas
Chief, Environmental Analysis Branch
Planning Division



DEPARTMENT OF THE ARMY
ALBUQUERQUE DISTRICT, CORPS OF ENGINEERS
SOUTHERN COLORADO REGULATORY OFFICE
P.O. BOX 294, PUEBLO, COLORADO 81002-0294

REPLY TO
ATTENTION OF:

October 16, 1995

Construction and Operations Division
Regulatory Branch

Ms. Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

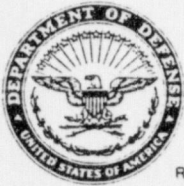
Reference is made to your letter dated September 22, 1995 regarding the merger of the Union Pacific and Southern Pacific Railroads and abandonment of railroad lines in Kiowa, Crowley, Pueblo, Fremont, Chaffee, and Lake Eagle Counties, Colorado (Action No. 1995 30413).

The subject lines cross numerous rivers, streams, and wetlands. A Department of the Army permit is required under Section 404 of the Clean Water Act for the placement and excavation of dredged or fill materials into waters of the United States. Railroad line abandonment and salvage actions are not anticipated to involve the discharge of dredged or fill material into waterways. However, if the activities should involve a discharge, the responsible party may be required to obtain a Department of the Army permit.

Should you have any questions please feel free to write or call me at (719) 543-9459.

Sincerely,

Anita E. Culp
Senior Project Manager



REPLY TO
ATTENTION OF:

Office of the Chief
Regulatory Branch

DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
300 NORTH LOS ANGELES STREET
LOS ANGELES, CALIFORNIA 90012

October 11, 1995

Southern Pacific Railroad
c/o Dames & Moore
Attn: J. Donsky
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

Reference is made to your letter (No. 96-00008-AOA) dated September 22, 1995 for a Department of the Army Permit to abandon a 5 mile rail line near the San Gabriel River in the City of Whittier, Los Angeles County, California.

Based on the information furnished in your application/letter, we have determined that your proposed project does not discharge dredged or fill material into a water of the United States or an adjacent wetland. Therefore, the project is not subject to our jurisdiction under Section 404 of the Clean Water Act and a Section 404 permit is not required from our office.

If your proposed track abandonment would require any bridge removal or alteration, this activity may require a Section 404 permit and you should contact the U.S. Army Corps of Engineers to verify the status of your project.

The receipt of your letter is appreciated. If you have any questions, please contact Aaron Allen of my staff at (213) 894-0349.

Sincerely,

David J. Castanon
Chief, North Coast Section
Regulatory Branch



DEPARTMENT OF THE ARMY
SOUTHWESTERN DIVISION, CORPS OF ENGINEERS
1114 COMMERCE STREET
DALLAS, TEXAS 75242-0216

OCT 16 1995

REPLY TO
ATTENTION OF

Engineering and Technical Services
Directorate
Planning Division

Ms. Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

We have received and forwarded the information and maps showing the merger related abandonment sites resulting from the merger of the Union Pacific & Southern Pacific Railroads, to our Fort Worth District office. We have requested our Fort Worth District review these data and respond to you directly.

Sincerely,

A handwritten signature in dark ink, appearing to read "Paul D. Robinson", is written over a horizontal line.

Paul D. Robinson, P.E.
Acting Director, Engineering and
Technical Services Directorate



DEPARTMENT OF THE ARMY
GALVESTON DISTRICT, CORPS OF ENGINEERS
P.O. BOX 1229
GALVESTON, TEXAS 77553-1229

REPLY TO
ATTENTION OF

October 3, 1995

Environmental
Resources Branch

Ms. Julie Donsky
Dames and Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This is in regard to your letter and accompanying information concerning the merger related abandonment of four rail segments in Texas by the Union Pacific and Southern Pacific Railroads. It has been determined that the Troup to Whitehouse and Suman to Bryan segments are not within the jurisdiction of the Galveston District. Your letter, list of rail abandonments, and maps of these two segments have been forwarded to the U.S. Army Corps of Engineers, Fort Worth District, for processing. The Galveston District will review the Victoria to Placedo and Seabrook to San Leon segments and provide your firm with a written response. Review and comment upon the other two segments will be provided by the Fort Worth District, which may be contacted at the following address:

U.S. Army Corps of Engineers
Planning Division
P.O. Box 17300
Fort Worth, Texas 76102-0300

We apologize for the inconvenience and delay.

Sincerely,

Richard Medina
Chief, Environmental
Resources Branch



DEPARTMENT OF THE ARMY

VICKSBURG DISTRICT, CORPS OF ENGINEERS
2101 NORTH FRONTAGE ROAD
VICKSBURG, MISSISSIPPI 39180-5191

REPLY TO
ATTENTION OF:

October 16, 1995

Planning Division
Environmental Resources Branch

Ms. Julie Donsky
Environmental Specialist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

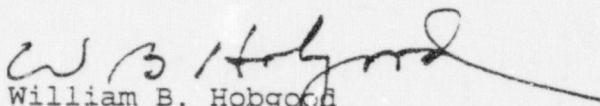
Dear Ms. Donsky:

I refer to your letter of September 22, 1995, regarding abandonment sites related to the merger of Union Pacific and Southern Pacific Railroads.

The U.S. Army Corps of Engineers, Vicksburg District, has no ongoing or proposed activities, including parks and refuges, in proximity to the proposed projects. However, if abandonment includes modification of railroad segments located within waters of the United States, these actions may require a permit from the Corps of Engineers. A pamphlet regarding the permitting process is enclosed for your information (enclosure 1).

If you have any other questions, please contact Mr. Stuart McLean, telephone (601) 631-5965.

Sincerely,


William B. Hobgood
Chief, Planning Division

Enclosure



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267
November 2, 1995

REPLY TO
ATTENTION OF:

Planning Division
Environmental Analysis Branch

Ms. Julie Donsky
Environmental Scientist
Dames and Moore, Incorporated
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

Your letter of September 22, 1995, addressed to our division office in Vicksburg, Mississippi, concerning the merger of the Union Pacific and Southern Pacific Railroads, was forwarded to us for response. One of the rail abandonments, Iowa Junction to Lake Charles, is located within the geographic boundaries of our district.

The abandonment of this rail line would not require a Department of the Army (DOA) permit. There are DOA flood control concerns with the abandonment. Expected removal of rails, switching assemblies, and ties is not anticipated to have any appreciable effect on the railroad roadbed integrity as a structure impeding and directing surface drainage of the surrounding areas throughout the designated linear abandonment proposal. The maintenance, clean out, and replacement of bridges, culverts and structures that has been continuous to protect the integrity of the railroad roadbed for railroad traffic have provided benefits and predictability in the passage, diversion and control of the continuity of surface drainage alongside and through that roadbed. There is no specific indication in your letter that any parish, state, or local government interests that may have a direct interest in the abandonment proposal have been given an opportunity to review, comment, and exercise their rights. If they have not, they should be given an opportunity as soon as possible.

It is suggested that your letter of comment include the substance of our flood control concerns addressed above. Representatives of two agencies known to our office who could have a direct interest in the follow-on flood control impacts of the abandonment proposal are:

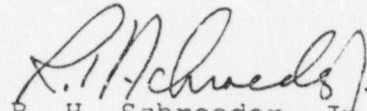
Mr. Claude Smart
Parish Engineer
Calcasieu Parish
P.O. Box 1583
Lake Charles, Louisiana 70602

and

Mr. Johnny Frugé
Drainage Board Representative
Jefferson Davis Parish
706 East Academy Avenue
Jennings, Louisiana 70546

Hopefully, this information will satisfy your inquiry.

Sincerely,


R. H. Schroeder, Jr.
Chief, Planning Division

Copy Furnished:

CELMN-OD-T
CELMV-ET-PR



DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
111 NORTH CANAL STREET
CHICAGO, ILLINOIS 60606-7206



REPLY TO
ATTENTION OF:

27 SEP 1995

Construction-Operations Division
Regulatory Branch
199500967

SUBJECT: Request for Information to Prepare an Environmental Report for the proposed Abandonment of the Union Pacific and Southern Pacific Railroads Sites in Menard, San Gamon, Macoupin, and Madison Counties, Illinois

Dames & Moore
Attention: Ms. Julie Donsky
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

OCT 03

Dear Ms. Donsky:

This office has received your September 22, 1995 letter on the subject project. Be advised that the jurisdiction of this office does not encompass the proposed project location. The subject areas are, however, within the jurisdictional boundaries of the Rock Island and St. Louis Districts of the Army Corps of Engineers.

The appropriate Corps Districts can be contacted at the addresses listed on the enclosure. Retain this acknowledgement letter as support documentation for your proposed Environmental Report.

If you have any questions, please contact Mr. Ron Abrant of the Chicago District Regulatory Branch, telephone number 312/353-4117 or FAX 312/353-4110. Effective October 10, 1995, this project manager can be reached at 312-353-6428, extension 4037.

Sincerely,

Mitchell A. Iscoe
Mitchell A. Iscoe
Chief, Regulatory Branch

Enclosure

0305

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Recycled Pacer

REGULATORY JURISDICTIONAL BOUNDARIES

Corp of Engineers

US ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
111 NORTH CANAL
CHICAGO, ILLINOIS 60606-7206
312-353-6428

ILLINOIS DEPT. OF TRANSPORTATION
DIVISION OF WATER RESOURCES
LAKE MICHIGAN MANAGEMENT SECTION
ROOM 1606
310 SOUTH MICHIGAN
CHICAGO, ILLINOIS 60604-4205
(312) 793-3123

NORTHERN AREA
ILLINOIS DEPT. OF TRANSPORTATION
DIVISION OF WATER RESOURCES
201 WEST CENTER COURT
3RD FLOOR EAST
SCHAUMBURG, IL 60196-1096
(708) 705-4341

ILLINOIS DEPT. OF TRANSPORTATION
DIVISION OF WATER RESOURCES
3215 EXECUTIVE PARK DRIVE
P.O. BOX 19484
SPRINGFIELD, IL 62794-5484
(217) 782-3862

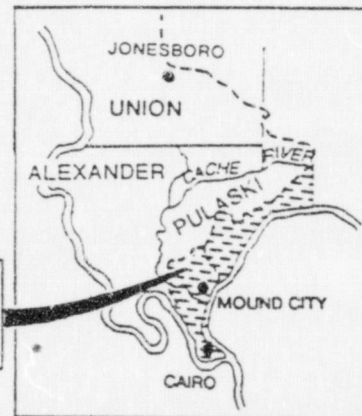
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
PERMIT SECTION
2200 CHURCHILL ROAD
SPRINGFIELD, IL 62794-0276
(217) 782-0610

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
1222 SPRUCE
ST. LOUIS, MISSOURI 63103-2833
(314) 331-8575

US ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
P.O. BOX 59
LOUISVILLE, KENTUCKY 40201-0059
502-582-6461

US ARMY CORPS OF ENGINEERS
MEMPHIS DISTRICT
167 NORTH MAIN
B-202
MEMPHIS, TENNESSEE 38103-1894
901-544-3471

NOTE: FOR CERTAIN PORTIONS OF
LOWER ALEXANDER AND PULASKI
COUNTIES. CONTACT MEMPHIS
DISTRICT FOR INFORMATION.





DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
111 NORTH CANAL STREET
CHICAGO, ILLINOIS 60606-7206



REPLY TO
ATTENTION OF:

Construction-Operations Division
Regulatory Branch
199500308

27 OCT 1995

SUBJECT: Proposal For Removal And Replacement Of School House
(Schmuhl) Road Bridge Over Jackson Creek In Manhattan Township,
Will County, Illinois

Manhattan Township Highway Commissioner
Attention: Mr. Jack Newton
12340 W. Offner Road
Manhattan, Illinois 60442

Dear Mr. Newton:

This is in response to your recent permit application and plans, submitted on your behalf by Dames & Moore/MCE, for the subject project. This office has made the determination that your project is authorized by the existing Department of the Army nationwide permit numbers 3 and 13. These nationwide permits were published in the Federal Register on November 22, 1991 (33 CFR 330 Appendix A). Enclosed is a Fact Sheet which includes the nationwide permit conditions for your project as well as the general permit conditions and Section 404 conditions with which you must comply.

This determination is applicable only to the permit program administered by the Corps of Engineers. It does not eliminate the need to obtain other Federal, state or local approvals before beginning work.

Specifically, this nationwide permit is contingent upon receiving individual Section 401 water quality certification, or a waiver, from the Illinois Environmental Protection Agency (IEPA). By copy of this letter, IEPA will be informed that 401 certification must be issued before your project may commence. If IEPA issues Section 401 water quality certification for the subject project with conditions, those conditions automatically become mandatory conditions for this authorization and become conditions with which you must comply. Questions regarding 401 certification should be addressed to Mr. Bruce Yurdin; IEPA; Division of Water Pollution Control; Permit Section; 2200 Churchill Road; Springfield, Illinois 62794-9276; telephone number 217/782-0610. You are reminded that no work can be started until you receive all required Federal, state, and local approvals.

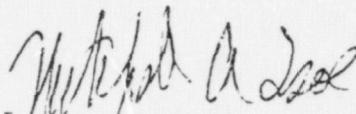
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This verification is valid for two years from the date of this letter unless the nationwide permit is modified, reissued, or revoked. It is your responsibility to remain informed of changes to the nationwide permit program. A public notice announcing any changes will be issued if and when they occur. If the activity is not undertaken within the two year period, or the project specifications have changed, you must immediately notify this office to determine the need for further approval or reverification.

Furthermore, if you commence or are under contract to commence this activity prior to the date the nationwide permit is modified or revoked, you will have twelve months from this date to complete the activity under the present terms and conditions of this nationwide permit. If you have any questions, please contact Mr. Tom Kehoe of the Regulatory Branch, telephone number (312) 353-6428, extension 4036.

Sincerely,



Leesa A. Beal
Chief, Permit Section
Regulatory Branch

Enclosure

Copies Furnished (w/o enclosure):

MITCHELLA. ISOE
Chief, Regulatory Branch

United States Environmental Protection Agency (Orzechoskie)
United States Fish & Wildlife Service (Rogner)
Illinois Environmental Protection Agency (Yurdin)
Illinois Department of Natural Resources/OWR (Jereb)
Illinois Department of Natural Resources (Schanzle)
Dames & Moore/MCE (Mehta)



DEPARTMENT OF THE ARMY
ROCK ISLAND DISTRICT, CORPS OF ENGINEERS
CLOCK TOWER BUILDING - P.O. BOX 2004
ROCK ISLAND, ILLINOIS 61204-2004

REPLY TO
ATTENTION OF:

Operations Division

Enclosed for your use is a Joint Application packet entitled, "Protecting Illinois Waters." The packet contains the necessary application forms, drawings sheets, instructions, and information for applying for Department of the Army and State of Illinois permits to perform work in waters within Illinois.

Copies of the completed application, drawing sheets, and any other pertinent information should be mailed to three agencies. The most current addresses for these agencies are listed below:

1. U.S. Army Corps of Engineers, Rock Island
ATTN: CENCR-OD-S
Post Office Box 2004
Rock Island, Illinois 61204-2004
2. Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706
3. Illinois Department of Transportation
Division of Water Resources
3215 Executive Park Drive
Post Office Box 19484
Springfield, Illinois 62794-9484

Your application to the Illinois Environmental Protection Agency should request Section 401 water quality certification. Your application to the Illinois Department of Transportation should request a construction permit. Please forward a copy of all approvals to this office as you receive them.

For your convenience, the copies of the application and drawing sheets are identified at the bottom of each page. Detailed instructions for completing the application are located on the back of the Joint Application form. In addition, the Joint Application form and drawing sheets are on self-copying paper, so please press down firmly with a hard point pen when completing them.

Should you have any questions, please contact our Regulatory Functions Branch by letter, or telephone Ms. Donna Willey, 309/794-5372.

DAMES & MOORE

ONE CONTINENTAL TOWERS, 1701 GOLF ROAD, SUITE 1000, ROLLING MEADOWS, ILLINOIS 60068
(708) 228-0707 FAX: (708) 228-1115

September 22, 1995

U.S. FISH AND WILDLIFE SERVICE

Region 4

Richard B. Russell Federal Building, Room 1200

1875 Century Blvd., Ste 200

Atlanta, GA 30345

Dames & Moore is preparing the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. The attached list shows the merger related abandonment sites (and construction sites if information is available) currently identified within your state. In some states there also will be rail segments that will be affected by the proposed merger. We will advise you if and when they are identified in your state.

To prepare our Environmental Report, we are requesting that you inform us of any concerns you have and provide information regarding:

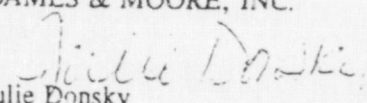
- Protected species information (state, federal) within 5 miles of each site;
- Listing of critical habitats within 5 miles of each site (it would be very helpful if you would mark the locations of the T&E species and critical habitats on the attached topographic maps);
- Locations of parks and refuges in proximity to the proposed projects;
- Any other information you would like to provide regarding environmental matters within your jurisdiction; and
- Citations to any permitting/approval authority your agency believes it may have over the project(s) we discussed.

We would appreciate receiving the requested information at your earliest convenience. We would further appreciate it if the information could be supplied in writing or orally to the undersigned at the address and phone/fax numbers on this letterhead. The railroads will be filing our Environmental Report with their application to the Interstate Commerce Commission ("ICC") on or before December, and thus your prompt reply will ensure that our report, which the ICC will consider in preparing its own environmental assessment of the above-described project, includes consideration of your views.

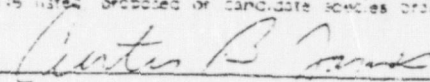
We very much appreciate your assistance.

Very truly yours,

DAMES & MOORE, INC.


Julie Donsky
Environmental Scientist

☒ No Significant adverse wetland impacts
☒ No listed, proposed or candidate species present


Environmental Coordinator
U.S. Fish & Wildlife Service

Log No.

96-010

Date

10/11/95



IN REPLY REFER TO

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Rock Island Field Office (ES)

4469 - 48th Avenue Court

Rock Island, Illinois 61201

COM: 309/793-5800

FAX: 309/793-5804

October 3, 1995

Ms. Julie Donsky
Environmental Scientist
Dames and Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This responds to your letter of September 22, 1995, requesting information for an Environmental Report pertaining to the proposed merger of Union Pacific and Southern Pacific Railroads. At this time your request concerns abandonments within Menard, Sangamon, Macoupin, and Madison Counties of Illinois.

To facilitate compliance with Section 7(c) of the Endangered Species Act of 1973, as amended, Federal agencies are required to obtain from the Fish and Wildlife Service information concerning any species, listed or proposed to be listed, which may be present in the area of a proposed action. Therefore, we are furnishing you the following list of species which may be present in the concerned area:

<u>Classification</u>	<u>Common Name (Scientific Name)</u>	<u>Habitat</u>
<u>Menard County</u>		
Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
Threatened	Eastern prairie fringed orchid <u>Platanthera leucophaea</u>	Mesic to wet prairies
Threatened	Bald eagle (<u>Haliaeetus leucocephalus</u>)	Wintering

<u>Classification</u>	<u>Common Name (Scientific Name)</u>	<u>Habitat</u>
<u>Macoupin County</u>		
Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
Threatened	Eastern prairie fringed orchid <u>Platanthera leucophaea</u>	Mesic to wet prairies
<u>Sangamon County</u>		
Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
Threatened	Bald eagle (<u>Haliaeetus leucocephalus</u>)	Wintering
<u>Madison County</u>		
Endangered	Gray bat (<u>Myotis grisescens</u>)	Caves
Endangered	Indiana Bat <u>Myotis sodalis</u>	Caves, mines; small stream corridors with well developed riparian woods; upland forests
Threatened	Bald eagle (<u>Haliaeetus leucocephalus</u>)	Wintering
Endangered	Least tern (<u>Sterna antillarum</u>)	Bare alluvial and dredged spoil islands
Endangered	Pallid sturgeon (<u>Scaphirynchus albus</u>)	Rivers
Threatened	Decurrent false aster (<u>Boltonia decurrens</u>)	Disturbed alluvial soils

<u>Classification</u>	<u>Common Name (Scientific Name)</u>	<u>Habitat</u>
Threatened	Eastern prairie fringed orchid <u>Platanthera leucophaea</u>	Mesic to wet prairies

The Pallid sturgeon is not likely to be found within the project area.

The gray bat (Myotis grisescens) is listed as endangered and considered to potentially occur in Madison County, Illinois. It inhabits caves both summer and winter. A search for this species should be made prior to any cave-impacting activities. No Federal parks or reserves are located with the areas of the proposed projects..

The endangered Indiana bat (Myotis sodalis) is listed as occurring in Macoupin Counties in Illinois and could potentially occur throughout the state.

During the summer, the Indiana bat frequents the corridors of small streams with well developed riparian woods as well as mature upland forests. It forages for insects along the stream corridor, within the canopy of floodplain and upland forests, over clearings with early successional vegetation (old fields), along the borders of croplands, along wooded fencerows, and over farm ponds and in pastures. It has been shown that the foraging range for the bats varies by season, age and sex and ranges up to 81 acres (33ha). It roosts and rears its young beneath the loose bark of large dead or dying trees. It winters in caves and abandoned mines.

An Indiana bat maternity colony typically consists of a primary roost tree and several alternate roost trees. The use of a particular tree appears to be influenced by weather conditions (temperature and precipitation). For example, dead trees found in more open situations were utilized more often during cooler or drier days while interior live and dead trees were selected during period of high temperature and/or precipitation. It has been shown that pregnant and neonatal bats do not thermoregulate well and the selection of the roost tree with the appropriate microclimate may be a matter of their survival. The primary roost tree, however, appears to be utilized on all days and during all weather conditions by at least some bats. Indiana bats tend to be philopatric, i.e. they return to the same roosting area year after year.

Suitable summer habitat in Illinois is considered to have the following characteristics within a 1/2 mile radius of the project site:

- 1) forest cover of 15% or greater;
- 2) permanent water;
- 3) one or more of the following tree species 11 inches diameter at breast height (dbh) or greater: shagbark and shellbark hickory that may be dead or alive, and dead bitternut hickory, American elm, slippery elm, eastern cottonwood, silver maple, white oak, red oak, post oak, and shingle oak with slabs or plates of loose bark;
- 4) at least 1 potential roost tree per 2.5 acres;
- 5) potential roost trees must have greater than 10% coverage of loose bark (by visual estimation of peeling bark on trunks and main limbs).

If the project site contains any habitat that fits the above description, it may be necessary to conduct a survey to determine whether the bat is present. If Indiana bats are known to be present, they must not be harmed, harassed or disturbed when present. For small tree clearing projects Indiana bat habitat may be altered (i.e trees cleared) only between the dates of September 1 and April 30.

The threatened bald eagle (Haliaeetus leucocephalus) is listed as wintering along large rivers, lakes and reservoirs in the following Illinois counties: Madison, Menard and Sangamon.

During the winter, this species feeds on fish in the open water areas created by dam tailwaters, the warm water effluents of power plants and municipal and industrial discharges, or in power plant cooling ponds. The more severe the winter, the greater the ice coverage and the more concentrated the eagles become. They roost at night in groups in large trees adjacent to the river in areas that are protected from the harsh winter elements. They perch in large shoreline trees to rest or feed on fish. There is no critical habitat designated for this species in Illinois and the only restrictions that apply to the eagle are that it not be harassed, harmed or disturbed when present.

The least tern (Sterna antillarum) is listed as endangered. Madison County is considered to be potential habitat. It nests on bare alluvial or dredged spoil islands and sand/gravel bars in or adjacent to rivers, lakes, gravel pits and cooling ponds. It nests in colonies with other least terns and sometimes with the piping plover. There is no critical habitat designated for this species. It must not be harmed, harassed or disturbed when present.

Ms. Julie Donsky

5.

The eastern prairie fringed orchid (Platanthera leucophaea) is listed as threatened. It may potentially occur in Macoupin, Madison, and Menard Counties, Illinois based on historical records and habitat distribution. It occupies wet grassland habitats. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. This species should be searched for whenever wet prairie remnants are encountered.

The decurrent false aster (Boltonia decurrens) is listed as threatened and known to occur in Madison County, Illinois (Illinois River floodplain). It is also considered to potentially occur in any county bordering the Illinois River and the counties bordering the Mississippi River between the mouths of the Missouri River and the Ohio River. It occupies disturbed alluvial soils in the floodplains of these rivers. There is no critical habitat listed for this species in Illinois.

Information regarding state protected species within the state of Illinois can be obtained from the Illinois Department of Natural Resources. They may also provide you with information regarding any state refuges or parks within the proximity of the proposed projects.

ATTN: Glen Kruse
Illinois Department of Natural Resources
Division of Natural Heritage
524 South 2nd. Street
Springfield, IL 62701-1787
(217)-785-8774

These comments provide technical assistance only and do not constitute the report of the Secretary of the Interior on the project within the meaning of Section 2(b) of the Fish and Wildlife Coordination Act, do not fulfill the requirements under Section 7 of the Endangered Species Act, nor do they represent the review comments of the U.S. Department of the Interior on any forthcoming environmental statement.

We appreciate the opportunity to comment on this project. If you have additional questions, please contact Scott Estergard of my staff.

Sincerely,

for Wayne A. Fischer
Richard C. Nelson
Field Supervisor



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Kansas Field Office
315 Houston Street, Suite E
Manhattan, Kansas 66502-6172

October 6, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

I was forwarded your letter of September 22, 1995, which was sent to our Denver Regional Office, describing proposed abandonment of two sections of existing railway line, one between Herington and Bridgeport in Dickinson and Saline Counties, and the other between Newton and Whitewater in Butler and Harvey Counties, Kansas.

In accordance with Section 7(c) of the Endangered Species Act (16 U.S.C. 1531 et seq.), we have determined that the bald eagle (Haliaeetus leucocephalus) could occur in the vicinity of both project areas, particularly large trees along the Smoky Hill River in Saline County. If the proposed abandonments may result in the removal of large perch trees, thereby affecting this listed species, the Interstate Commerce Commission should initiate formal Section 7 consultation with this office. If there will be no effect, or if the Fish and Wildlife Service concurs in writing there will be beneficial effects, further consultation is not necessary.

The Service encourages the Union Pacific and Southern Pacific Railroad Companies to keep the right-of-way in a natural condition for the benefit of native wildlife, plants, and the public. You may wish to contact Mary Mae Hardt, National Park Service, Omaha, Nebraska (402) 221-3350, for more information on the "Rails to Trails" Program. You may also wish to contact the Kansas Department of Wildlife and Parks in Pratt, Kansas (316-672-5911) to determine their interest in acquiring a nature trail.

In the future, please direct all inquiries regarding Kansas projects to this office, rather than going through our Denver office. This should help eliminate unnecessary delays in our response. Thank you for this opportunity to comment on your proposals.

Sincerely,

William H. Gill
Field Supervisor

cc: FWS/ES, Denver, CO (Section 7 Coordinator)
KDWP, Pratt, KS (Environmental Services)

STB

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DAMES & MOORE

ONE CONTINENTAL TOWERS, 1701 GOLF ROAD, SUITE 1000, ROLLING MEADOWS, ILLINOIS 60068
(708) 223-0707 FAX: (708) 223-1115

September 22, 1995

U.S. FISH AND WILDLIFE SERVICE

Region 4

Richard B. Russell Federal Building, Room 1200

1875 Century Blvd., Ste 200

Atlanta, GA 30345

Dames & Moore is preparing the Environmental Report for the application for merger of the Union Pacific and Southern Pacific Railroads. The attached list shows the merger related abandonment sites (and construction sites if information is available) currently identified within your state. In some states there also will be rail segments that will be affected by the proposed merger. We will advise you if and when they are identified in your state.

To prepare our Environmental Report, we are requesting that you inform us of any concerns you have and provide information regarding:

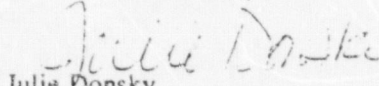
- Protected species information (state, federal) within 5 miles of each site;
- Listing of critical habitats within 5 miles of each site (it would be very helpful if you would mark the locations of the T&E species and critical habitats on the attached topographic maps);
- Locations of parks and refuges in proximity to the proposed projects;
- Any other information you would like to provide regarding environmental matters within your jurisdiction; and
- Citations to any permitting/approval authority your agency believes it may have over the project(s) we discussed.

We would appreciate receiving the requested information at your earliest convenience. We would further appreciate it if the information could be supplied in writing or orally to the undersigned at the address and phone/fax numbers on this letterhead. The railroads will be filing our Environmental Report with their application to the Interstate Commerce Commission ("ICC") on or before December, and thus your prompt reply will ensure that our report, which the ICC will consider in preparing its own environmental assessment of the above-described project, includes consideration of your views.

We very much appreciate your assistance.

Very truly yours,

DAMES & MOORE, INC.


Julie Donsky
Environmental Scientist

☒ No Significant adverse wetland impacts
☒ No listed, proposed or candidate species present


Carter B. Jones
Environmental Coordinator
U.S. Fish & Wildlife Service

Log No. 96-015
10/11/95
Date



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
Western Colorado Office
704 Horizon Drive, South Annex A
Grand Junction, Colorado 81506-3946

IN REPLY REFER TO

ES/CO:Nonfederal Informal Consultation
MS 65412 GJ

October 18, 1995

Julie Donsky, Environmental Scientist
Dames and More
1701 Golf Road, Suite 100
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This responds to your letter of September 22, 1995, requesting information on federally listed (threatened and endangered) and candidate species in the vicinity of the three rail abandonment projects proposed for parts of the Denver and Rio Grande Western Rail Line in Colorado. The following is a list of those species which may inhabit the area, or be effected by the proposed project.

Be advised that the Fish and Wildlife Service (Service) can enter into formal section 7 consultation only with another Federal agency or its designee. Thus, this is not to be considered an "official species list" but rather informal consultation. Informal consultation includes all contacts, discussions, correspondence, etc. between the Federal agency or its designated non-Federal representative, and the Service, that take place prior to the initiation of any necessary formal consultation. If requested, we will submit an official list to the lead Federal agency. That agency would be required under section 7 (a) (2) of the Endangered Species Act (Act) to initiate formal consultation if it determines that its action may affect any listed species or its critical habitat. Although applicants may fill the role of non-Federal representatives, the ultimate responsibility for compliance with section 7 remains with the Federal agency.

The level of use by listed species of the project areas varies from documented active breeding and nesting sites to migrational corridors and sparsely occupied habitat. Due to the fact that the maps referenced in your letter were not attached to my copy, I was unable to mark specific locations or habitat types utilized by these species. I may be able to supply you with more specific detailed information, if you would call Mike Tucker at the number listed at the end of this letter.

FEDERALLY LISTED SPECIES

Section 1 (Towner to NA Junction)

Black-footed ferret
Bald eagle
Least tern

Mustela nigripes
Haliaeetus leucocephalus
Sterna antillarum

Piping plover

Charadrius melodus

Section 2 (Malta to Leadville)

Bald eagle

Haliaeetus leucocephalus

Greenback cutthroat trout

Oncorhynchus clarki stomias

Section 3 (Dotsero to Canon City)

Bald eagle

Haliaeetus leucocephalus

Peregrine falcon

Falco peregrinus

Mexican spotted owl

Strix occidentalis lucida

Greenback cutthroat trout

Oncorhynchus clarki stomias

*Colorado squawfish

Ptychocheilus lucius

*Razorback sucker

Xyrauchen texanus

*Humpback chub

Gila cypha

*Bonytail

Gila elegans

*The endangered Colorado River fish species listed above do not occur in the project area, however, we consider the depletion of water from the upper Colorado River an adverse impact to the habitat for these species. Consequently, any activity that results in a net depletion of water from the upper Colorado River basin should trigger a "may affect" finding by the lead federal agency and formal consultation with this office under authority of the Act.

We would like to bring to your attention species which are candidates for official listing as threatened or endangered species (Federal Register, Vol. 56, No. 225, November 21, 1991). While these species presently have no legal protection under the Act, it is within the spirit of the Act to consider project impacts to potentially sensitive candidate species. Additionally, we wish to make you aware of the presence of Federal candidates should any be proposed or listed prior to the time that all Federal actions related to the project are completed.

FEDERAL CANDIDATE SPECIES

Section 1 (Towner to NA Junction)

Swift fox

Vulpes velox

Baird's sparrow

Ammodramus bairdii

Western snowy plover

Charadrius alexandrinus nivosus

Mountain plover

Charadrius montanus

Black tern

Chlidonias niger

Loggerhead shrike

Lanius ludovicianus

White-faced ibis

Plegadis chihi

Ferruginous hawk

*Buteo regalis**Ambrosia linearis*

Streaked ragweed (plant)

Section 2 (Malta to Leadville)

North American lynx	<i>Felis lynx canadensis</i>
North American wolverine	<i>Gulo gulo luscus</i>
Northern goshawk	<i>Accipiter gentilis</i>
Boreal toad	<i>Bufo boreas boreas</i>
<i>Astragalus molybdenus</i>	Leadville milk-vetch (plant)

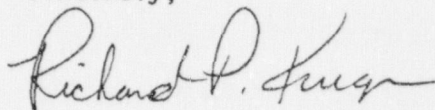
Section 3 (Dotsero to Canon City)

North American lynx	<i>Felis lynx canadensis</i>
North American wolverine	<i>Gulo gulo luscus</i>
Northern goshawk	<i>Accipiter gentilis</i>
Boreal toad	<i>Bufo boreas boreas</i>
Colorado Rvr. cutthroat trout	<i>Oncorhynchus clarki pleuriticus</i>
<i>Astragalus molybdenus</i>	Leadville milk-vetch (plant)
<i>Eriogonum brandegei</i>	Brandegee wild buckwheat (plant)
<i>Penstemon harringtonii</i>	Harrington beardtongue (plant)

There is no critical habitat designated within five miles of the proposed project areas.

I appreciate the opportunity to provide this information. If the Service can be of further assistance, please contact Michael Tucker at the letterhead address or at (970) 243-2778.

Sincerely,



Keith L. Rose
Assistant Field Supervisor, Colorado

cc: FWS/ES, Golden
CDOW, Grand Junction

MTucker:Railroad.ltr:101895



United States Department of the Interior

FISH AND WILDLIFE SERVICE

IN REPLY REFER TO:

Ecological Services
Sacramento Field Office
2800 Cottage Way, Room E-1803
Sacramento, California 95825

1-1-96-TA-25

October 13, 1995

Ms. Julie Donsky
Dames & Moore
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Subject: Species List for Proposed Merger of the Union Pacific and
Southern Pacific Railroads in California

Dear Ms. Donsky:

The enclosed list replies to your letter of September 22, 1995, requesting information on listed and proposed endangered and threatened species that may be present in or may be affected by projects in the subject project area (see Enclosure A). Information concerning the distribution, life history, and habitat requirements for the listed species is available upon request.

A copy of your request was forwarded to our Carlsbad, California, office for a species list of animals and plants in the Whittier area. The Carlsbad office may be contacted at 619-431-9440.

The Fish and Wildlife Service (Service) used your maps and other information to locate the proposed project on U.S. Geological Survey (USGS) 7.5 minute quadrangle maps. The species on the enclosed lists are those species we believe may occur within the USGS quads where your project is planned. Some of the species may not be affected by the proposed action. A trained biologist/botanist, familiar with the habitat requirements of the listed species, should determine whether these species or habitats suitable for these species may be affected by the proposed action.

Information and maps concerning candidate species in California are available from the California Natural Diversity Data Base, a program of the California Department of Fish and Game. Address your request to: Marketing Manager, California Department of Fish and Game, Natural Diversity Data Base, 1416 Ninth Street, Sacramento, California 95814 [(916) 324-0562]. You also should request information from the Chief, California Department of Fish and Game, Non-Game Heritage Program (916) 324-8348.

All listed species identified in Enclosure A are fully protected under the mandates of the Endangered Species Act of 1973, as amended (Act). Section 9 of the Act and its implementing regulations prohibit the "take" of a federally listed wildlife species. Take is defined by the Act as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect" any such wildlife species. Take may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or shelter (50 CFR §17.3).

Take incidental to an otherwise lawful activity may be authorized by one of two procedures. If a Federal agency is involved with the permitting, funding, or carrying out of this project, then initiation of formal consultation between that agency and the Service pursuant to Section 7 of the Act is required if it is determined that the proposed project may affect a federally listed species. Such consultation would result in a biological opinion that addresses anticipated effects of the project to listed and proposed species and may authorize a limited level of incidental take. If a Federal agency is not involved with the project, and federally listed species may be taken as part of the project, then an "incidental take" permit pursuant to section 10(a) of the Act should be obtained. The Service may issue such a permit upon completion by the permit applicant of a satisfactory conservation plan for the listed species that would be affected by the project.

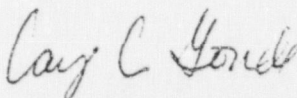
If suitable habitat for federally listed species exists in the project area, we recommend that surveys for them be undertaken by qualified biologists during or prior to the environmental review process. We also recommend that surveys be undertaken for the proposed and candidate species included in Enclosure A if suitable habitat exists on site. The results of these surveys should be published in any environmental documents prepared for this project.

Should these surveys determine that federally listed or proposed species occur in the area and are likely to be affected by the proposed project, the Service recommends that the project proponent, in consultation with this office and the California Department of Fish and Game, develop a plan that mitigates for the project's direct and indirect impacts to listed species and compensates for project-related loss of habitat. The mitigation plan also should be included in the environmental document.

We also recommend addressing adverse impacts to candidate species. One of the benefits of considering these species early in the planning process is that by exploring alternatives, it may be possible to avoid conflicts that could develop, should a candidate species become listed before the project is complete.

We appreciate your concern for endangered species. If you have further questions, please call Alison Willy of this office at (916) 979-2725. For additional species lists, send your request to the attention of the section 7 office assistant at this address. For questions regarding wetlands, please contact Mark Littlefield of this office at (916) 979-2113. For questions concerning the endangered winter-run chinook salmon or the proposed threatened winter-run steel head trout or coho salmon, please contact the National Marine Fisheries Service's Protected Species Management Division, (310) 980-4015.

Sincerely,



Joel A. Medlin
Field Supervisor



Enclosure

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS

Reference File No. 1-1-96-TA-25

October 12, 1995

QUAD : 465C OAKLAND EAST

Listed Species

Mammals

salt marsh harvest mouse, *Reithrodontomys raviventris* (E)

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)

California brown pelican, *Pelecanus occidentalis californicus* (E)

California clapper rail, *Rallus longirostris obsoletus* (E)

bald eagle, *Haliaeetus leucocephalus* (T)

Fish

tidewater goby, *Eucyclogobius newberryi* (E)

Invertebrates

vernal pool fairy shrimp, *Branchinecta lynchi* (T)

Plants

robust spineflower, *Chorizanthe robusta* (E)

Presidio clarkia, *Clarkia franciscana* (E)

Proposed Species

Reptiles

Alameda whipsnake, *Masticophis lateralis euryxanthus* (PE)

Amphibians

California red-legged frog, *Rana aurora draytoni* (PE)

Invertebrates

callippe silverspot butterfly, *Speyeria callippe callippe* (PE)

Plants

pallid manzanita (Alameda manzanita), *Arctostaphylos pallida* (PT)

Candidate Species

Mammals

San Joaquin Valley woodrat, *Neotoma fuscipes riparia* (1)

greater western mastiff-bat, *Eumops perotis californicus* (2)

long-eared myotis bat, *Myotis evotis* (2)

fringed myotis bat, *Myotis thysanodes* (2)

long-legged myotis bat, *Myotis volans* (2)

Yuma myotis bat, *Myotis yumanensis* (2)

San Francisco dusky footed woodrat, *Neotoma fuscipes annectens* (2)

San Joaquin pocket mouse, *Perognathus inoratus* (2)

Pacific western big-eared bat, *Plecotus townsendii townsendii* (2)

Alameda Island mole, *Scapanus latimanus parvus* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 465C OAKLAND EAST

Candidate Species

Birds

- tricolored blackbird, *Agelaius tricolor* (2)
- Bell's sage sparrow, *Amphispiza belli belli* (2)
- ferruginous hawk, *Buteo regalis* (2)
- little willow flycatcher, *Empidonax traillii brewsteri* (2)
- salt marsh common yellowthroat, *Geothlypis trichas sinuosa* (2)
- black rail, *Laterallus jamaicensis* (2)
- Alameda (South Bay) song sparrow, *Melospiza melodia maxillaris* (2)

Reptiles

- northwestern pond turtle, *Clemmys marmorata marmorata* (2)
- southwestern pond turtle, *Clemmys marmorata pallida* (2)
- California horned lizard, *Phrynosoma coronatum frontale* (2)

Amphibians

- California tiger salamander, *Ambystoma californiense* (1)
- foothill yellow-legged frog, *Rana boylei* (2)
- western spadefoot toad, *Scaphiopus hammondi* (2)

Invertebrates

- Ricksecker's water scavenger beetle, *Hydrochara rickseckeri* (2)
- San Francisco lacewing, *Nothochrysa californica* (2)

Plants

- most beautiful (uncommon) jewelflower, *Streptanthus albidus* ssp. *peramoenus* (1)
- fragrant fritillary, *Fritillaria liliacea* (2)
- Diablo rock-rose, *Helianthella castanea* (2)
- Keillogg's (wedge-leaved) horkelia, *Horkelia cuneata* ssp. *sericea* (2)
- alkali milk-vetch, *Astragalus tener* var. *tener* (2R)

QUAD : 466D OAKLAND WEST

Listed Species

Mammals

- salt marsh harvest mouse, *Reithrodontomys raviventris* (E)

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
- California brown pelican, *Pelecanus occidentalis californicus* (E)
- California clapper rail, *Rallus longirostris obsoletus* (E)
- California least tern, *Sterna antillarum* (=albifrons) *browni* (E)
- western snowy plover, *Charadrius alexandrinus nivosus* (T)
- bald eagle, *Haliaeetus leucocephalus* (T)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 466D OAKLAND WEST

Listed Species

Fish

- tidewater goby, *Eucyclogobius newberryi* (E)
- winter-run chinook salmon, *Oncorhynchus tshawytscha* (E)
- winter-run chinook salmon crit. habitat, *Oncorhynchus tshawytscha* (E)

Proposed Species

Reptiles

- Alameda whipsnake, *Masticophis lateralis euryxanthus* (PE)

Amphibians

- California red-legged frog, *Rana aurora draytoni* (PE)

Fish

- Coho salmon, *Oncorhynchus kisutch* (PT)
- Sacramento splittail, *Pogonichthys macrolepidotus* (PT)

Candidate Species

Mammals

- Berkeley kangaroo rat, *Dipodomys heermanni berkleyensis* (2)
- greater western mastiff-bat, *Eumops perotis californicus* (2)
- long-eared myotis bat, *Myotis evotis* (2)
- fringed myotis bat, *Myotis thysanodes* (2)
- long-legged myotis bat, *Myotis volans* (2)
- Yuma myotis bat, *Myotis yumanensis* (2)
- San Francisco dusky-footed woodrat, *Neotoma fuscipes annectens* (2)
- Pacific western big-eared bat, *Plecotus townsendii townsendii* (2)
- Alameda Island mole, *Scapanus latimanus parvus* (2)
- salt marsh vagrant shrew, *Sorex vagrans halicoetes* (2)

Birds

- tricolored blackbird, *Agelaius tricolor* (2)
- Bell's sage sparrow, *Amphispiza belli belli* (2)
- ferruginous hawk, *Buteo regalis* (2)
- little willow flycatcher, *Empidonax traillii brewsteri* (2)
- saltmarsh common yellowthroat, *Geothlypis trichas sinuosa* (2)
- black rail, *Laterallus jamaicensis* (2)
- Alameda (South Bay) song sparrow, *Melospiza melodia maxillaris* (2)

Reptiles

- northwestern pond turtle, *Clemmys marmorata marmorata* (2)
- southwestern pond turtle, *Clemmys marmorata pallida* (2)
- California horned lizard, *Phrynosoma coronatum frontale* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 466D OAKLAND WEST

Candidate Species

Amphibians

- California tiger salamander, *Ambystoma californiense* (1)
foothill yellow-legged frog, *Rana boylei* (2)

Fish

- longfin smelt, *Spirinchus thaleichthys* (2)

Invertebrates

- Bridges' Coast Range shoulderband snail, *Helminthoglypta nickliniana bridgesi* (2)
Ricksecker's water scavenger beetle, *Hydrochara rickseckeri* (2)
San Francisco lacewing, *Nothochrysa californica* (2)

Plants

- Santa Cruz tarweed, *Holocarpha macradenia* (1)
San Francisco Bay spineflower, *Chorizanthe cuspidata* var. *cuspidata* (2)
northcoast bird's-beak, *Cordylanthus maritimus* ssp. *palustris* (2)
Kellogg's (wedge-leaved) horkelia, *Horkelia cuneata* ssp. *sericea* (2)
adobe sanicle, *Sanicula maritima* (2)
alkali milk-vetch, *Astragalus tener* var. *tener* (2R)

QUAD : 620B LITTLE MUD FLAT

Listed Species

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

- pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

- tricolored blackbird, *Agelaius tricolor* (2)
ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 620C WENDEL

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

tricolored blackbird, *Agelaius tricolor* (2)
ferruginous hawk, *Buteo regalis* (2)
white-faced ibis, *Plegadis chihi* (2)

Reptiles

Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

QUAD : 621A SHAFFER MTN.

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 621A SHAFFER MTN.

Candidate Species

Birds

- tricolored blackbird, *Agelaius tricolor* (2)
western burrowing owl, *Athene cunicularia hypugea* (2)
ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

QUAD : 639A SNOWSTORM MTN.

Listed Species

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

- pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

- western burrowing owl, *Athene cunicularia hypugea* (2)
ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

QUAD : 639B WEST OF SNOWSTORM MTN.

Listed Species

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUAD'S
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 639B WEST OF SNOWSTORM MTN.

Candidate Species

Mammals

- pygmy rabbit, *Brachylagus idahoensis* (2)
- spotted bat, *Euderma maculatum* (2)
- small-footed myotis bat, *Myotis ciliolabrum* (2)
- long-eared myotis bat, *Myotis evotis* (2)
- fringed myotis bat, *Myotis thysanodes* (2)
- long-legged myotis bat, *Myotis volans* (2)
- Yuma myotis bat, *Myotis yumanensis* (2)
- Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

- western burrowing owl, *Athene cunicularia hypugea* (2)
- ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

QUAD : 639C PETES VALLEY

Listed Species

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
- bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

- pygmy rabbit, *Brachylagus idahoensis* (2)
- spotted bat, *Euderma maculatum* (2)
- small-footed myotis bat, *Myotis ciliolabrum* (2)
- long-eared myotis bat, *Myotis evotis* (2)
- fringed myotis bat, *Myotis thysanodes* (2)
- long-legged myotis bat, *Myotis volans* (2)
- Yuma myotis bat, *Myotis yumanensis* (2)
- Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

- western burrowing owl, *Athene cunicularia hypugea* (2)
- ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 639D KARLO

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

western burrowing owl, *Athene cunicularia hypugea* (2)
ferruginous hawk, *Buteo regalis* (2)

Reptiles

Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

QUAD : 657B MCDONALD PEAK

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

ferruginous hawk, *Buteo regalis* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS

Reference File No. 1-1-96-TA-25

October 12, 1995

QUAD : 657B MCDONALD PEAK

Candidate Species

Reptiles

Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Fish

Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

QUAD : 657C TERMO

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)

bald eagle, *Haliaeetus leucocephalus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)

spotted bat, *Euderma maculatum* (2)

small-footed myotis bat, *Myotis ciliolabrum* (2)

long-eared myotis bat, *Myotis evotis* (2)

fringed myotis bat, *Myotis thysanodes* (2)

long-legged myotis bat, *Myotis volans* (2)

Yuma myotis bat, *Myotis yumanensis* (2)

Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

western burrowing owl, *Athene cunicularia hypugea* (2)

ferruginous hawk, *Buteo regalis* (2)

Reptiles

Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Fish

Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

QUAD : 657D RAVENDALE

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)

bald eagle, *Haliaeetus leucocephalus* (T)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
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QUAD : 657D RAVENDALE

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

western burrowing owl, *Athene cunicularia hypugea* (2)
ferruginous hawk, *Buteo regalis* (2)

Reptiles

Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Fish

Goose Lake redband trout, *Oncorhynchus (=Salmo) mykiss ssp.* (2)

QUAD : 658A ANDERSON MTN.

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Fish

Delta smelt, *Hypomesus transpacificus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
Pacific fisher, *Martes pennanti pacifica* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

ferruginous hawk, *Buteo regalis* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 658A ANDERSON MTN.

Candidate Species

Fish

- Pit Roach, *Lavinia symmetricus mitrulus* (2)
Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

QUAD : 674B TULE MOUNTAIN

Listed Species

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Fish

- Delta smelt, *Hypomesus transpacificus* (T)

Candidate Species

Mammals

- pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
California bighorn sheep, *Ovis canadensis californiana* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

- ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Fish

- Pit Roach, *Lavinia symmetricus mitrulus* (2)
Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

QUAD : 674C MADELINE

Listed Species

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 674C MADELINE

Listed Species

Fish

Delta smelt, *Hypomesus transpacificus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
California bighorn sheep, *Ovis canadensis californiana* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

ferruginous hawk, *Buteo regalis* (2)

Reptiles

Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Fish

Pit Roach, *Lavinia symmetricus mitrulus* (2)
Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

QUAD : 675A LIKELY

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Fish

Delta smelt, *Hypomesus transpacificus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 675A LIKELY

Candidate Species

Mammals

- Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

- ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Fish

- Pit Roach, *Lavinia symmetricus mitrulus* (2)
Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

Plants

- Ash Creek ivesia, *Ivesia paniculata* (2)

QUAD : 692A ALTURAS

Listed Species

Birds

- American peregrine falcon, *Falco peregrinus anatum* (E)
bald eagle, *Haliaeetus leucocephalus* (T)

Fish

- Delta smelt, *Hypomesus transpacificus* (T)

Candidate Species

Mammals

- pygmy rabbit, *Brachylagus idahoensis* (2)
spotted bat, *Euderma maculatum* (2)
small-footed myotis bat, *Myotis ciliolabrum* (2)
long-eared myotis bat, *Myotis evotis* (2)
fringed myotis bat, *Myotis thysanodes* (2)
long-legged myotis bat, *Myotis volans* (2)
Yuma myotis bat, *Myotis yumanensis* (2)
Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

- ferruginous hawk, *Buteo regalis* (2)

Reptiles

- Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Amphibians

- spotted frog, *Rana pretiosa* (2)

0335

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS
Reference File No. 1-1-96-TA-25
October 12, 1995

QUAD : 692A ALTURAS

Candidate Species

Fish

Pit Roach, *Lavinia symmetricus mitrulus* (2)

Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

Plants

prostrate buckwheat, *Eriogonum prociduum* (2)

QUAD : 692D BAYLEY

Listed Species

Birds

American peregrine falcon, *Falco peregrinus anatum* (E)

bald eagle, *Haliaeetus leucocephalus* (T)

Fish

Delta smelt, *Hypomesus transpacificus* (T)

Candidate Species

Mammals

pygmy rabbit, *Brachylagus idahoensis* (2)

spotted bat, *Euderma maculatum* (2)

small-footed myotis bat, *Myotis ciliolabrum* (2)

long-eared myotis bat, *Myotis evotis* (2)

fringed myotis bat, *Myotis thysanodes* (2)

long-legged myotis bat, *Myotis volans* (2)

Yuma myotis bat, *Myotis yumanensis* (2)

Pale Townsend's big-eared bat, *Plecotus townsendi pallescens* (2)

Birds

ferruginous hawk, *Buteo regalis* (2)

Reptiles

Northern sagebrush lizard, *Sceloporus graciosus graciosus* (2)

Amphibians

spotted frog, *Rana pretiosa* (2)

Fish

Pit Roach, *Lavinia symmetricus mitrulus* (2)

Goose Lake redband trout, *Oncorhynchus* (=Salmo) *mykiss* ssp. (2)

LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CANDIDATE
SPECIES THAT MAY OCCUR IN OR BE AFFECTED BY PROJECTS IN THE AREA OF
THE FOLLOWING SELECTED QUADS

Reference File No. 1-1-96-TA-25

October 12, 1995

Notes:

- (E) Endangered (T) Threatened (P) Proposed (CH) Critical Habitat
- (1) Category 1: Taxa for which the Fish and Wildlife Service has sufficient biological information to support a proposal to list as endangered or threatened.
- (2) Category 2: Taxa for which existing information indicated may warrant listing, but for which substantial biological information to support a proposed rule is lacking.
- (1R) Recommended for Category 1 status.
- (2R) Recommended for Category 2 status.
- () Listing petitioned.
- (*) Possibly extinct.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Division of Ecological Services
17629 El Camino Real, Suite 211
Houston, Texas 77058

October 30, 1995

Julie Donsky
Dames & Moore
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois, 60008

Dear Ms. Donsky:

This responds to your September 22, 1995 letter requesting information on federally listed threatened or endangered species or their critical habitat that may occur within five miles of your proposed project sites. The project involves the abandonment of various railroad facilities in conjunction with the proposed merger of Union Pacific and Southern Pacific Railroads. The proposed abandonment located within our area is the Southern Pacific Rail Line between Seabrook and San Leon in Galveston and Harris Counties, Texas.

A review of U.S. Fish and Wildlife Service files and your project map indicates that one of the few remaining wild populations of the endangered Attwater's greater prairie chicken *Tympanuchus cupido attwateri* occurs near your proposed project site in Galveston County (map 1). No critical habitat occurs within the area.

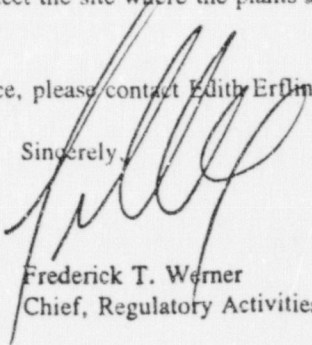
The Attwater's greater prairie chicken is a brownish, strongly black-barred, medium-sized grouse with a short, rounded, blackish tail. It uses different areas of the coastal prairies grassland for various activities, therefore interspersed of short, mid, and tall grass prairie is optimum. Densely vegetated areas of over 24 inches in height are generally avoided, but are occasionally used for protection from inclement weather and predators, and as fall feeding grounds. Their diet mostly consists of plant parts (foliage, seeds) and insects. The peak of the breeding season is in early March and during this time, the booming of the males can be heard from over a mile away.

According to Section 7(a)(2) of the Endangered Species Act (Act), it is the responsibility of each federal agency to ensure that any action they authorize, fund, or carry out is not likely to jeopardize the continued existence of any listed species. Based upon an inventory of listed species and those species proposed for listing received from the Service, the federal agency, or its designated agent, determines if any endangered or threatened species may be affected by the proposed action. If a "may affect" decision is reached, then formal Section 7 consultation is initiated with this office.

Service files also indicate that several populations of a C2 candidate plant, Texas windmill-grass *Chloris texensis* are known to occur in the vicinity of the line proposed for abandonment (map 2). Candidate species have no legal status and receive no protection under the Act. However, the Service is currently looking at ways to protect and/or restore candidate species and their habitat before listing becomes necessary. Therefore, the Service may be contacting you and your client for permission to determine if windmill-grass is present along the rail line. If the plants are located, it may be possible to modify facility removal activities to protect the site where the plants are located, transplant the plants to a protected area or collect seeds for future use.

If you have any questions, or we can be of further assistance, please contact Edith Erding at 713/286-8282.

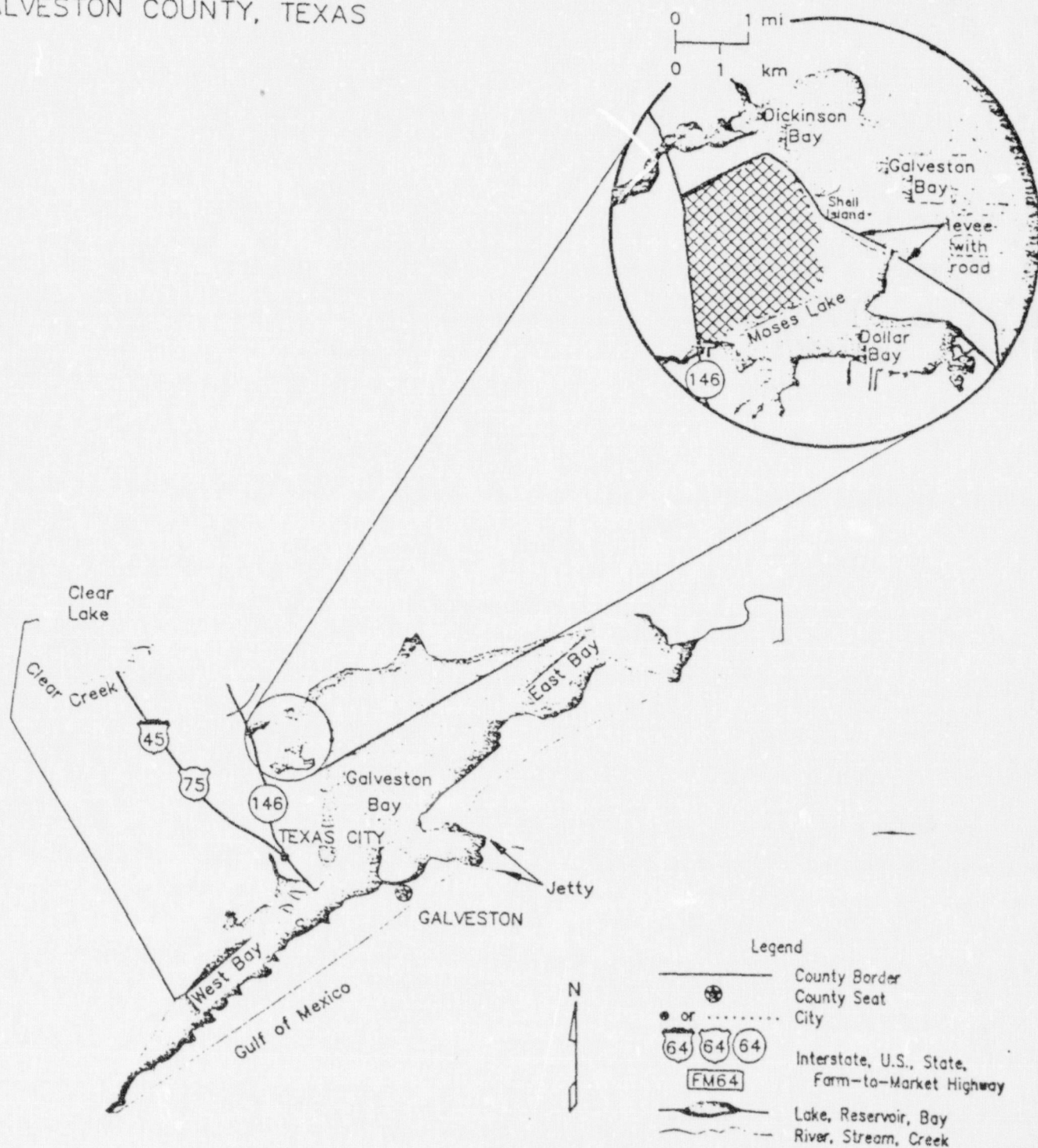
Sincerely,


Frederick T. Werner
Chief, Regulatory Activities

Enclosures

0338

GALVESTON COUNTY, TEXAS



Map -
Texas Windmill-Grass
(canalis texensis)





United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services

Stadium Centre Building

711 Stadium Drive East, Suite 252

Arlington, Texas 76011

2-12-96-I-020

November 1, 1995

Ms. Julie Donsky
Dames & Moore
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

This responds to your September 22, 1995, request for information on protected species, critical habitat, parks and refuges, and any other areas of environmental concern related to four segments of railroad track in Texas. We are providing information on the proposed abandonment of 7.5 miles (Begin milepost 0.50 and end milepost 8.00) of Missouri Pacific rail line in Smith County, Texas. The proposed abandonment is anticipated within the next 3 years.

This correspondence relates only to the **TROUP to WHITEHOUSE** proposed rail line abandonment, other U.S. Fish and Wildlife Service Field Offices in Texas will provide specific information on the projects within their area of responsibility in Texas.

No federally listed threatened or endangered species are known to occur within the vicinity of the proposed action. Additionally, no critical habitat or state/federal parks occur within the immediate area. However, the rail line crosses Mud Creek and Kickapoo Creek and parallels Blackhawk Creek for a few miles. Abandonment activities which include rail and bridge removal should avoid impacts to these wetlands and the associated riparian vegetation. No other areas of environmental concern are currently known in this area.

Thank you for the opportunity to provide this information. Should you have any questions please contact me at (817) 885-7830 or Fish and Wildlife Biologist Jeffrey A. Reid of my staff at (409) 639-8546.

Sincerely,

for Robert M. Short
Field Supervisor



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services Field Office

10711 Burnet Road, Suite 200

Hartland Bank Bldg.

Austin, Texas 78758

OCT 26 1995

2-15-96-I-006

Julie Donsky
Environmental Scientist
Dames & Moore
1 Continental Towers, Suite 1000
1701 Golf Road
Rolling Meadows, IL 60078

Dear Ms. Donsky:

This responds to your letter of September 22, 1995, requesting information on potential occurrence of protected species and critical habitats within 5 miles of the Union Pacific/Southern Pacific rail segments proposed to be abandoned. There are four FWS field offices in Texas and each responds to requests and concerns in their area. Our response concerns those sites within Brazos and Robertson Counties. The other sites will be addressed separately by the field office within whose area they occur.

Threatened and Endangered Species

Enclosure 1 lists species federally listed or proposed to be federally listed as threatened or endangered which may occur in Brazos and Robertson Counties. There are no critical habitats designated in the area. We recommend you also contact the Texas Parks and Wildlife Department (Endangered Species Resource Branch), Fountain Plaza Building, Suite 100, 3000 South IH-35, Austin, Texas 78704 (telephone 512/448-4311) for information concerning State listed threatened and endangered species.

The species of most concern to us is the Navasota ladies-tresses. The Navasota ladies-tresses or its habitat may occur in the rail segment area. We recommend that you evaluate habitat that may be cleared or modified by the abandonment to determine if it is suitable for this plant. If suitable habitat is present surveys should be performed to determine if the site is used by the species. Enclosed is a description of the species and habitat in which it occurs. This will assist you in determining whether or not you have suitable habitat and/or the Navasota ladies-tresses present.

Section 7 of the Endangered Species Act requires that all Federal agencies (in this case the Interstate Commerce Commission) consult with the U.S. Fish and Wildlife Service (Service) regarding actions that may affect endangered or threatened

Julie Donsky

2

species. Consultation is necessary to insure that actions authorized, funded, or carried out by such agencies do not jeopardize the continued existence of any listed or proposed (to be listed) endangered or threatened species or adversely modify or destroy critical habitat of such species. The purpose of these requirements is to identify and resolve, at the early planning stage, potential conflicts between the action and these species and their critical habitat. If the ICC, determines that the abandonment of the line may affect the Navasota ladies'-tresses, or any other listed species, they should initiate formal consultation with this office.

Thank you for the opportunity to provide comments on this project. If you would like to discuss this matter further, please contact Sybil Vosler at 512/490-0063.

Sincerely,

Adm Jane D. Grote
Field Supervisor

Enclosure

Enclosure

Federally Listed Threatened and Endangered Species

Brazos County

Navasota ladies'-tresses	(E)	<i>Spiranthes parksii</i>
Ferruginous hawk	(2)	<i>Buteo regalis</i>
Loggerhead shrike	(2)	<i>Lanius ludovicianus migrans</i>
Texas horned lizard	(2)	<i>Phrynosoma cornutum</i>
Blue sucker	(2)	<i>Cycleptus elongatus</i>
Sharpnose shiner	(2)	<i>Notropis oxyrhynchus</i>
Smalleye shiner	(2)	<i>Notropis buccula</i>
Houston meadowrue	(2)	<i>Thalictrum texanum</i>
Small-headed pipewort	(2)	<i>Eriocaulon kornickianum</i>
Texas windmill grass	(2)	<i>Chloris texensis</i>

Robertson County

Bald eagle	(E ◇)	<i>Haliaeetus leucocephalus</i>
Houston toad	(E w/CH)	<i>Bufo houstonensis</i>
Large-fruited sand verbena	(E)	<i>Abronia macrocarpa</i>
Navasota ladies'-tresses	(E)	<i>Spiranthes parksii</i>
Loggerhead shrike	(2)	<i>Lanius ludovicianus migrans</i>
Smalleye shiner	(2)	<i>Notropis buccula</i>
Sharpnose shiner	(2)	<i>Notropis oxyrhynchus</i>
Texas horned lizard	(2)	<i>Phrynosoma cornutum</i>
Umbrella sedge	(2)	<i>Cyperus grayioides</i>

E	=	Endangered
T	=	Threatened
P/	=	Proposed ...
□	=	with special rule
TSA	=	Threatened due to similarity of appearance
CH	=	Critical Habitat (in Texas unless annotated ‡)
‡	=	CH designated (or proposed) outside Texas
◇	=	bald eagle status west of 100° is Endangered, east of 100° is Endangered & Proposed as Threatened

STATUS: Endangered (47 FR 19539-May 6, 1982) without critical habitat.

DESCRIPTION: This member of the orchid family (Orchidaceae) is an erect, slender-stemmed perennial herb 8-15 inches tall. The roots are clusters of tubers. The linear leaves are arranged in a rosette, and are absent during flowering. Flowers are in a spiral arrangement on the stalk, giving the plant its generic name. Conspicuously white-tipped bracts occur underneath each 0.25 inch long flower. Flower petals are rounded or ovate, side petals have a green central stripe, and the lip (bottom petal) is distinctly ragged.

HABITAT: Occurs primarily in moist sandy soils in small openings amongst Post Oak Savanna vegetation associated with the Navasota and Brazos River drainages.

DISTRIBUTION:

Present: In Texas: populations are known to occur in Brazos, Burleson, Freestone, Grimes, Jasper, Leon, Madison, Robertson, and Washington Counties.

Historic: Unknown.

THREATS AND REASONS FOR

DECLINE: Habitat loss and degradation due to development, road construction, mining, limited range, low numbers, and possible predation (browsing by deer).

OTHER INFORMATION: Almost all known populations occur on privately owned lands (except for a populations that occurs in College Station, Texas and a population in Jasper County, Texas). This orchid buds in early to late October, flowers from mid-October to mid-November, and forms fruit from late-October to the first frost (late-November). Each fruit normally contains thousands of microscopic seeds. This species is not cultivated very easily and identification is usually not possible without flowers to examine.

REFERENCES:

- Catling, P.M. and K.L. McIntosh. 1979. Rediscovery of *Spiranthes parksii* Correll. Sida 8:188-193.
Mahler, W.P. 1980. Status Report on *Spiranthes parksii*. U.S. Fish and Wildlife Service, Endangered Species Office, Albuquerque, NM.
Poole, J.M. and D.H. Riskind. 1987. Endangered, Threatened, or Protected Native Plants of Texas. Texas Parks and Wildlife Department, Austin, Texas.
U.S. Fish and Wildlife Service. 1984. Navasota Ladies'-Tresses Recovery Plan. Endangered Species Office, Albuquerque, NM.



REV. DATE 6/95



United States Environmental Protection Agency
999 18th Street, Suite 500
Denver, CO 80202-2466
Request Acknowledgment

September 29, 1995

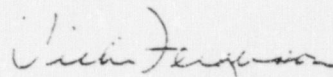
Julie Donsky
Dames & Moore
One Continental Towers
1701 Golf Rd., Suite 1000
Rolling Meadows, IL 60008

Date of Your Request: September 22, 1995	Received: September 29, 1995
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SUBJECT:	ENDANGERED SPECIES INFO, ETC. AS PER ATTACHED MAP
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The Agency has ten (10) working days to respond to your request. You can expect a reply shortly after expiration of the ten-working day period. Further correspondence on this subject should cite the following Request Identification Number:

08-RIN-00961-95


Vicki Ferguson
Freedom of Information Officer (80EA)

United States
Department of
Agriculture

Natural Resources
Conservation Service

3737 Government Street
Alexandria, Louisiana
71302

September 29, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

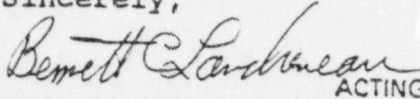
RE: Rail Abandonments - Louisiana

We received your letter of September 22, 1995, requesting our comments on the above referenced project.

The Natural Resources Conservation Service (NRCS), formerly the Soil Conservation Service (SCS), has no current projects that would affect or be affected by this project.

Feel free to call on our agency if we can be of further assistance.

Sincerely,


ACTING FOR

Donald W. Gohmert
State Conservationist

cc: Bruce M. Lehto, Area Conservationist, NRCS, Crowley, LA

0347

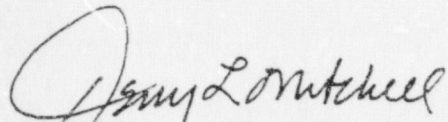
October 11, 1995

Ms. Julie Donsky, Env. Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

Dear Ms. Donsky:

We have reviewed the proposed action for rail abandonments that are identified within the State of Arkansas. We do not anticipate these abandonments will adversely impact prime farmland or erosion rates, the primary concerns of the Natural Resources Conservation Service. We recommend that conservation practices be applied to the abandoned areas, to prevent soil erosion. Thank you for providing us with the opportunity to comment on potential significant effects. If further information is required, please call Dennis Hackbart at (501) 324-5509.

Sincerely,



JERRY L. MITCHELL
Assistance State Conservationist (Programs)

UNITED STATES
DEPARTMENT OF
AGRICULTURE

NATURAL
RESOURCES
CONSERVATION
SERVICE

ROOM E200C
655 PARFET STREET
LAKEWOOD, CO 80215-5517

SUBJECT: Environmental Report
Dames & Moore
Union Pacific & S. Pacific RR

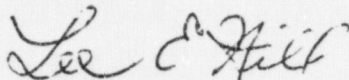
DATE: October 5, 1995

TO: Gary Finstad, RC, Metro Office
Gene Backhaus, RC, Byers
Lana Pierson, RC, Simla
Brian Johnson, RC, Hugo
Carol Waugh, RC, Cheyenne

FILE CODE: 190-15-12

Enclosed is a request for input into an environmental report. Please respond within 30 days. Direct your comments directly to Julie Donsky, Environmental Scientist and a copy to me.

Thanks,



LEE E. HILL
Assistant State Conservatinist for Environmental Quality

Attachments

cc: Julie Donsky, Enviromental Scientist w/o attachments
John Knapp, AC, La Junta w/o attachments
Bruce Lindahl, AC, Greeley w/o attachments

UNITED STATES
DEPARTMENT OF
AGRICULTURE

NATURAL
RESOURCES
CONSERVATION
SERVICE

ROOM E200C
655 PARFET STREET
LAKEWOOD, CO 80215-5517

SUBJECT: Dames & Moore
Merger of Union Pacific & Southern
Pacific Railroads, re: letter 10/4/95

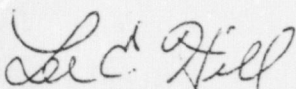
DATE: October 11, 1995

TO: Gene Backhaus, RC, Byers
Lana Pierson, RC, Simla
Brian Johnson, RC, Hugo
Charles Starkovich, RC, Burlington

FILE CODE: 190-15-12

Attached is a letter requesting environmental information according to the attached map. Please direct your letter directly to Julie Donsky, Environmental Scientist and a copy to me. I think we should answer this request within 30 days.

Thanks,



LEE E. HILL
Assistant State Conservationist for Environmental Quality

Attachment

cc: Julie Donsky, Environmental Scientist, Rolling Meadows, Ill. w/o
attachment
John Knapp, Area Conservationist, La Junta, CO w/o attachment
Bruce Lindahl, Area Conservationist, Greeley, CO w/o attachment



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

40 Adloff Lane - Suite #7
Springfield, IL 62703

October 6, 1995

Julie Donsky
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Dear Julie,

I have reviewed your proposal sent on September 22 regarding the Barr to Girard abandonment of some Chicago & Northwestern Rail Line in Sangamon County. Since there will be no adverse affects to the natural resource base of the county, I have no comment concerning this proposal. If you need any other information, feel free to contact our office at (217) 492-4015.

Sincerely,

Theresa Chadwick
District Conservationist

cc:Bob McLeese, USDA NRCS



United States
Department of
Agriculture

Natural Resources
Conservation Service
7205 Marine Road
Edwardsville, IL 62025

Oct. 4, 1995

Dames & More
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008
Attn: Julie Donsky

I recently received your request for environmental concerns related to the proposed abandonment of the Chicago & North Western Rail Line from DeCamp to Madison in Madison County Illinois. As you might expect the length of this abandonment and the diverse topography that it dissects would suggest that the potential for disturbance of Threatened and Endangered Species is quite high.

I have specific knowledge of only a few sites, however you request information of critical habitat within five miles of the proposed abandonment which would cover an area 10 miles wide and 30 miles long or 300 square miles. Due to the large area covered I am sending the most recent list of Threatened and Endangered Species found in Madison County which may be of some value to you in preparing your report. This list was prepared by the Illinois Dept. of Natural Resources on July 19, 1995, therefore it is quite current.

I have enclosed copies of the USGS Topographic sheets and located areas of which I am aware of environmentally sensitive areas and refuges within five miles.

1. The Watershed Nature Center
2. Bohm Woods --- Nature Area
3. Known location of Illinois Chorus Frog
4. Horseshoe Lake State Recreation Area and Refuge
5. Cahokia Mounds Historic Site

These areas all contain critical habitat and threatened or endangered species. Additionally there are many wetland areas and other natural habitats for these species within this corridor.

I know of no other major environmental concerns related to this proposed abandonment.

Sincerely

Wayne Kinney
District Conservationist

cc: Robert McLeese, Champaign, IL

0352

1

TABLE 8

Madison County Threatened and Endangered Species

Common Name	Scientific Name	Status
PLANTS		
Large ground plum	<i>Astragalus crassicaupus</i>	SE
Decurrent false aster	<i>Boironia decurrens</i>	ST, FT
Sweet indian plantain	<i>Cacalia suaveolens</i>	SWL
Hill's thistle	<i>Cirsium hillii</i>	ST
Whitlow grass	<i>Draba cuneifolia</i>	SE
Hoary mock orange	<i>Philadelphus pubescens</i>	SWL
Prairie white-fringed orchid	<i>Platanthera leucophaea</i>	SE, FT
Sour dock	<i>Rumex hastatulus</i>	SE
Royal catchfly	<i>Silene regia</i>	SE
Spring ladies' tresses	<i>Spiranthes vernalis</i>	SE
Prairie spiderwort	<i>Tradescantia bracteata</i>	SE
INVERTEBRATES		
Butterfly mussel	<i>Ellipsaria lineolata</i>	ST
Elephant-ear mussel	<i>Elliptio crassius</i>	ST
Ebonyshell mussel	<i>Fusconaia ebena</i>	ST
Scaleshell mussel	<i>Leptodea leptodon</i>	SWL
Fai pocketbook mussel	<i>Potamius capax</i>	SE, FE
Salamander mussel	<i>Simpsonia ambigua</i>	SE
FISHES		
Lake sturgeon	<i>Acipenser fulvescens</i>	SE
Alligator gar	<i>Arctosteius spatula</i>	SWL
Gravel chub	<i>Erimystax x-punctatus</i>	SWL
Silvery minnow	<i>Hybognathus nuchalis</i>	SWL
Sturgeon chub	<i>Macrhybopsis gelida</i>	SE
Bigeye chiner	<i>Nothopis boops</i>	SE
Flathead chub	<i>Platygobio gracilis</i>	SWL
Pallid sturgeon	<i>Scaphrynchus albus</i>	SE, FE
AMPHIBIANS AND REPTILES		
Illinois chorus frog	<i>Pseudacris streckeri</i>	ST, C
Timber rattlesnake	<i>Crotalus horridus</i>	ST
Great Plains rat snake	<i>Elaphe guttata emoryi</i>	ST
Eastern massasauga	<i>Sistrurus catenatus</i>	SE, C
BIRDS		
Upland sandpiper	<i>Bartramia longicauda</i>	SE
Red-shouldered hawk	<i>Buteo lineatus</i>	SE
Great egret	<i>Casmerodius albus</i>	ST
Little blue heron	<i>Egretta caerulea</i>	SE
Snowy egret	<i>Egretta thula</i>	SE
Peregrine falcon	<i>Falco peregrinus</i>	SE, FE
Common moormen	<i>Gallinula chloropus</i>	ST
Black-crowned night heron	<i>Nycticorax nycticorax</i>	SE
Pied-billed grebe	<i>Podilymbus podiceps</i>	ST
King rail	<i>Rallus elegans</i>	ST
Least tern	<i>Sterna antillarum</i>	SE, FE
Bewick's wren	<i>Thryomanes bewickii</i>	SE
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	SE
MAMMALS		
Gray bat	<i>Myotis grisescens</i>	SE, FE, KS
Indiana bat	<i>Myotis sodalis</i>	SE, FE, KS

STATUS LEGEND AND DEFINITIONS:

SE - State endangered; any species which is in danger of extinction as a breeding species in Illinois.

ST - State threatened; any breeding species which is likely to become a state endangered species within the foreseeable future in Illinois.

SWL - State watch list; species for which there are questions about status which can not be answered currently available data.

FE - Federally endangered; any species which is in danger of extinction throughout all or a significant portion of its range.

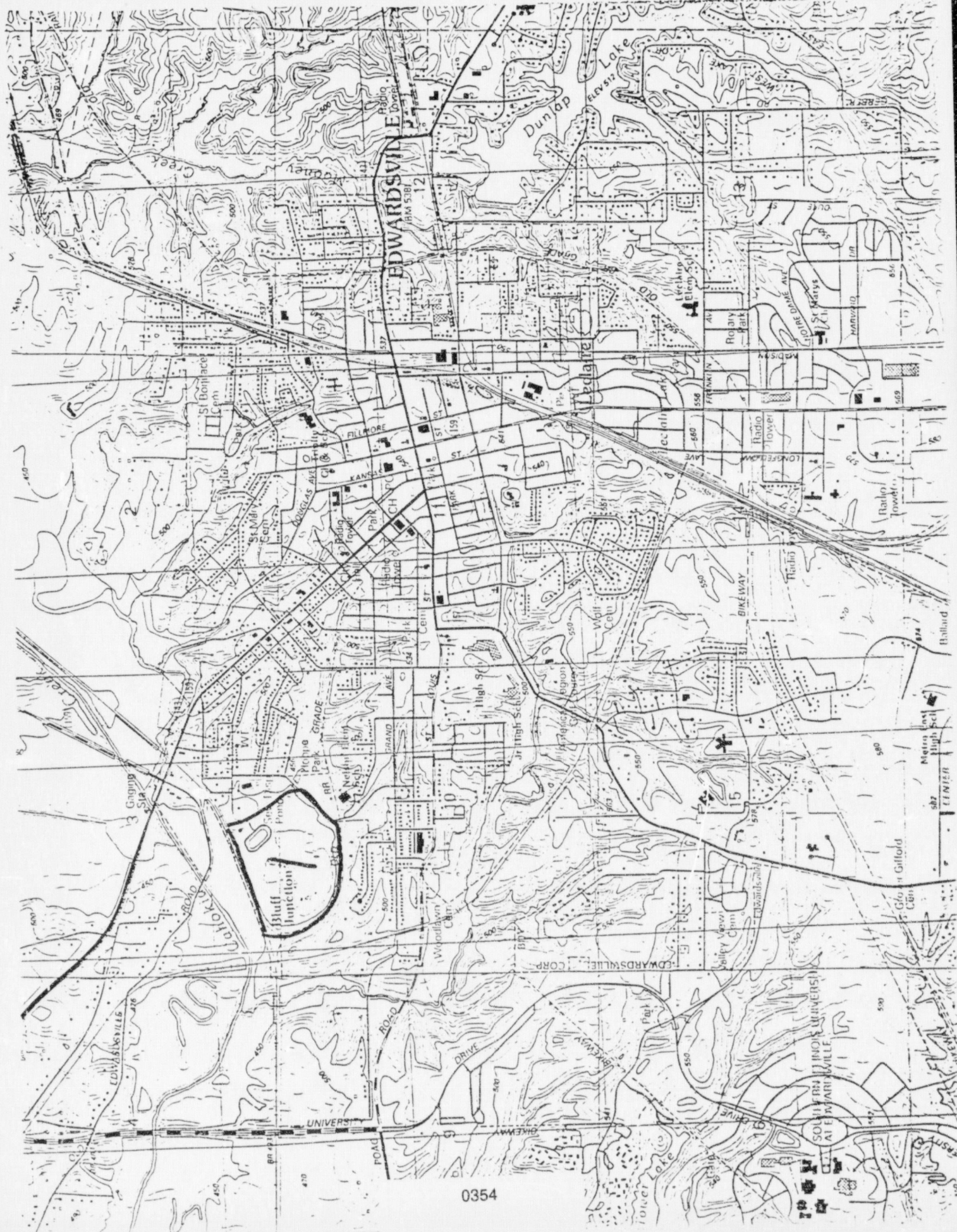
FT - Federally threatened; any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

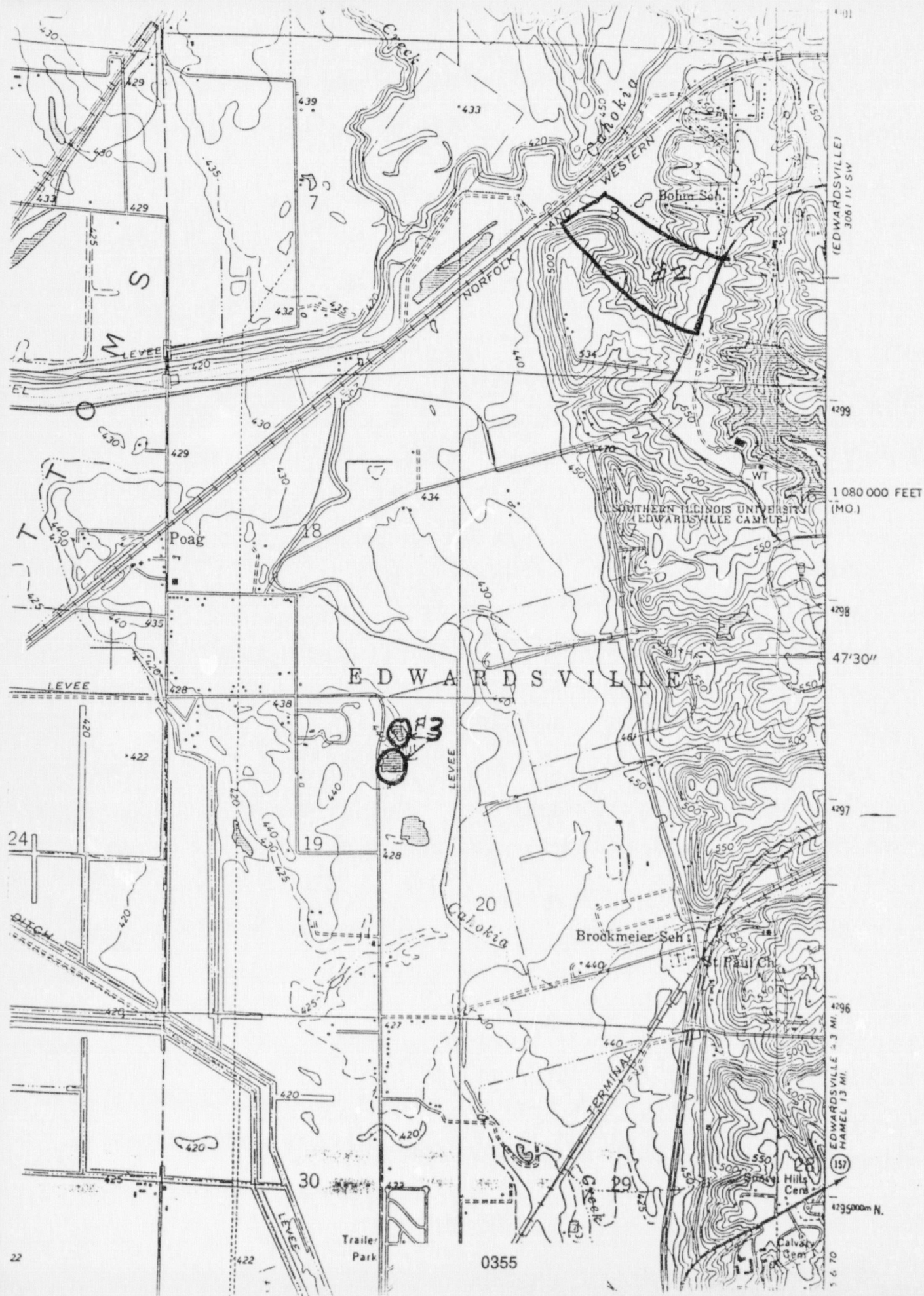
C - Candidate for federal listing.

KS - Karst sensitive.

Note: This list is current only as of the date of its preparation. It should not be used as an all inclusive list of sensitive species within the county, but only as an informational guide. Additional species may be added at any time without updating this list. Local units of government are required by law to engage in the the Illinois Department of Natural Resources Division of Natural Heritage endangered species consultation process prior to changes in land use.

This list was prepared on July 19, 1995 by Illinois Dept. of Natural Resources District 10 Natural Heritage Biologist Scott R. Baillard.







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FEET



October 17, 1995

Julie Donsky, Environmental Scientist
Dames & Moore, Inc.
One Continental Towers
1701 Golf Road, Suite 100
Rolling Meadows, IL 60008

Dear Julie:

This letter is in response to your request for environmental information on the abandonment of an approximated 7.5 mile rail segment in Macoupin County. You requested information on; 1) Protected species within 5 miles. 2) Critical habitat within 5 miles. 3) Parks and refuges in the proximity. 4) Other environmental information. 5) Permits/approvals needed. Our comments are as follows:

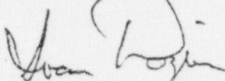
- 1) There are several plant and animal species listed as threatened or endangered which occur in Macoupin County. We have on file one documented occurrence of an endangered species approximately five miles from this site. The pondhorn mussel (*Unionidae tetralasmus*) has been found in the east fork of Otter Creek (see attached map). I see no direct or indirect impacts of this proposed abandonment on this identified occurrence. The Illinois Department of Natural Resources can provide more information on documented occurrences in the area.
- 2) There are three areas of land adjacent to the track which have been identified as wetlands on the National Wetland Inventory maps (see attached map). The NW 1/4, Sec. 5, of Virden twp. has wetlands identified on both sides of the track. These wetlands are associated with Sugar Creek and its floodplain. The SE 1/4, Sec. 6, Girard twp. has wetlands on both sides of the track. These wetlands are associated with a borrow area and ditch adjacent to the track. There are also areas of trees and native prairie grasses along the railway which could be considered valuable habitat.
- 3) There are no documented refuges in the vicinity of this project area.

pg.2

- 4) There is a potential to improve farmland drainage in several areas if the abandoned track and bed are removed. Permission may be needed from the NRCS, on a case by case basis, if drainage is to be improved on adjacent farmland.
- 5) Permits may needed from the US Army Corps of Engineers if wetlands are manipulated. Conservation plans may need to be developed on some sloping areas of abandoned track bed if they are to be converted to cropland.

If you have any questions or would like clarification of any of these comments, please contact me at the above address or by phone at 217-854-2628.

Sincerely,



Ivan Dozier
District Conservationist

cc.

R. McLeese, NRCS SRSS



IN REPLY REFER TO

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

ANADARKO AREA OFFICE

P.O. BOX 368

ANADARKO, OKLAHOMA 73005-0368

OCT 04 1994

Ms. Julie Donsky, Environmental Scientist
DAMES & MOORE, INC.
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, Illinois 60008

RE: Environmental Report - Union Pacific and Southern Pacific
Railroad Merger and Railroad Abandonment Sites.

Dear Ms. Donsky:

This office has received your request for information regarding the Union Pacific and Southern Pacific Railroad merger and railroad abandonment sites.

After review of the description of the project and the general maps of the abandonment sites it appears that none of the project areas are within close proximity of current Native American reservations or individual allotted lands. You may want to research the history of the railroads in relation to lands ceded by the Kaw (Kansa) Nation for purposes of construction of the railroads in Kansas, however. Whether or not the proposed abandonment rights-of-way, in particular the Herington to Bridgeport segment, were ceded by the Kaw Nation depends on when the railroads were constructed. If the railroads were constructed between 1825 and 1846 then the rights-of-way most likely were ceded by the Kaw Nation. Whether or not the Kaw Nation ceded the lands for railroads probably became moot once the 1825 reservation was ceded back to the U.S. in 1846.

The proposed abandonment of the described railroad segments should have no impact on lands within the jurisdiction of the Bureau of Indian Affairs, Anadarko Area Office.

Thank you for the opportunity to comment on the proposed project.

Sincerely,

Ann Quinlinter
Acting Area Director

**STATE OF ARKANSAS
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
ENVIRONMENTAL PRESERVATION DIVISION**

8001 NATIONAL DRIVE, P.O. BOX 8913

LITTLE ROCK, ARKANSAS 72219-8913

PHONE: (501) 565-7401

FAX: (501) 565-3818

October 6, 1995

Ms. Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

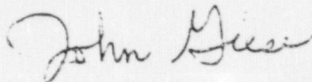
Dear Ms. Donsky:

I am in receipt of your letters of September 22 and September 30 requesting biologically sensitive areas in Arkansas. Enclosed are copies of the Gulf Coastal and Delta portions of Appendix A of Arkansas' water quality standards.

I would suggest that you contact Ms. Cindy Osborne with the Arkansas Natural Heritage Commission. That address is 1500 Tower Building, 323 Center Street in Little Rock, Arkansas 72201. The Natural Heritage Commission keeps files for records of occurrences of rare plant and animals and outstanding natural communities or other elements of special concern within Arkansas.

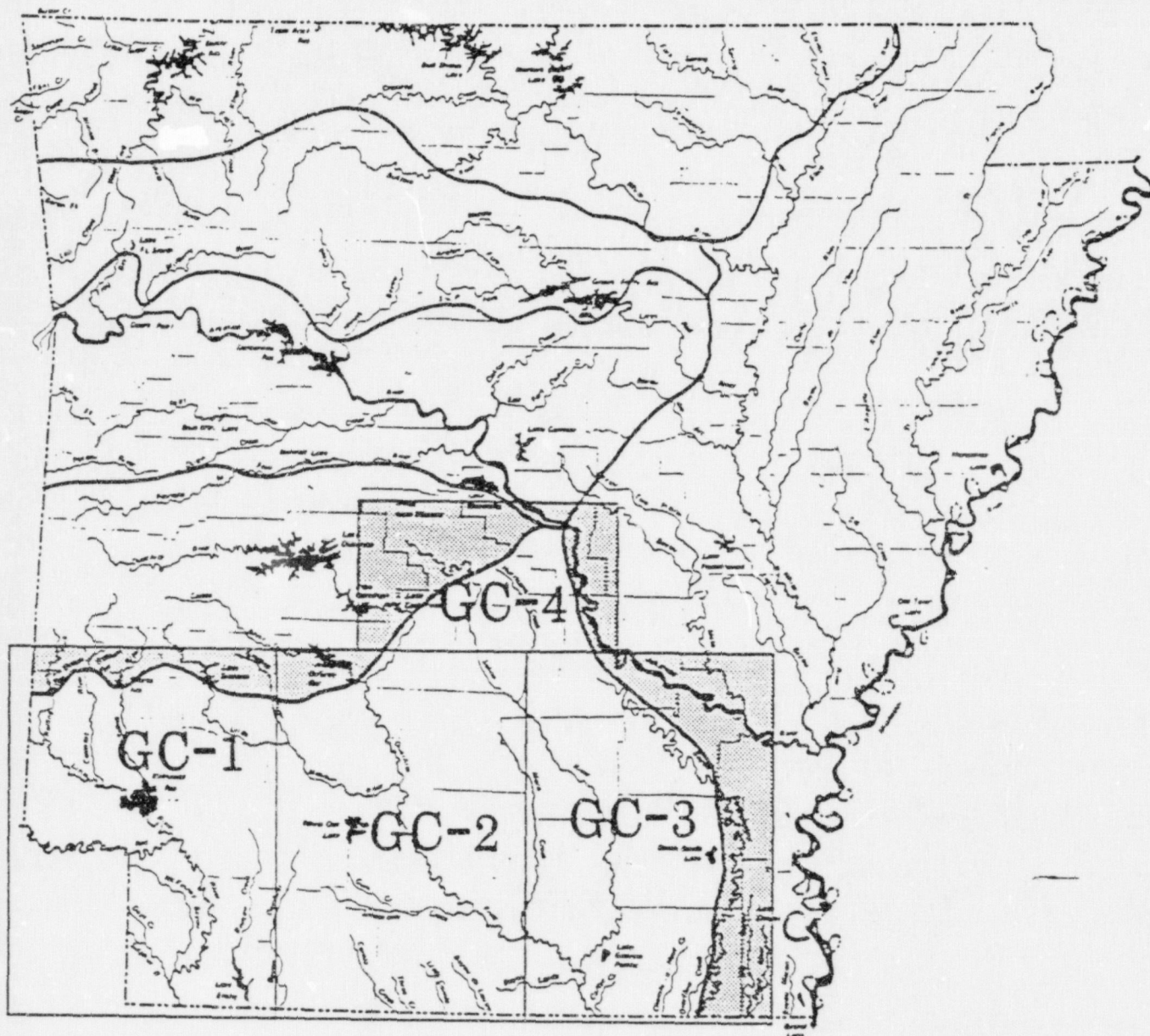
I hope this is the information you are needing. If you have any questions or comments, please contact me at 501-565-7424.

Sincerely,



John Giese, Chief
Environmental Preservation Division

Index to Plates of the Gulf Coastal Plain



Designated Uses
Gulf Coastal Ecoregion
(Plates GC-1, GC-2, GC-3, GC-4)

Extraordinary Resource Waters

Saline River (GC-3, GC-4)

Moro Creek - adjacent to natural area (GC-3)

Natural and Scenic Waterways

Saline River from the Grant-Cleveland County line to mouth (GC-3)

Ecologically Sensitive Waterbodies

Little River above Millwood Reservoir - location of Ouachita rock pocketbook and pink mucket mussels (GC-1)

Grassy Lake and Yellow Creek below Millwood Reservoir - unique ecosystem and biota (GC-1)

Lower Little Missouri River - location of peppered shiner and longnose darter (GC-2)

Lower Saline River - location of peppered shiner, crystal darter and goldstripe darter (GC-3)

Ouachita River near Arkadelphia - location of flat floater, Ouachita rock pocketbook and pink mucket mussels (GC-2)

Streams with Substantial Springwater Influence

L'Eau Fraie (GC-4)

Cypress Creek (GC-4)

East and West Fork Tulip Creeks (GC-4)

Others to be determined

Primary Contact Recreation - all streams with watersheds greater than 10 mi² and all lakes/reservoirs

Secondary Contact Recreation - all waters

Domestic, Industrial and Agricultural Water Supply - all waters

Fisheries

Trout

Little Missouri River from Narrows Dam to confluence with Muddy Fork (GC-1)

Lakes and Reservoirs - all

Streams

Seasonal Gulf Coastal fishery - all streams with watersheds of less than 10 mi² except as otherwise provided in §6(E)

Perennial Gulf Coastal fishery - all streams with watersheds of 10 mi² or larger and those waters where discharges equal or exceed 1 CFS

Use Variations Supported by UAA

Loutre Creek - perennial fishery, except seasonal from railroad bridge to mouth (GC-2, #1)

Unnamed tributary to Smackover Creek - no fishable/swimmable uses (GC-2, #2)

Unnamed tributary swamp to Smackover Creek - no fishable/swimmable uses (GC-2, #3)

Unnamed tributary to Flat Creek - no fishable/swimmable uses (GC-2, #4)

Dodson Creek - perennial fishery (GC-4, #5)

Jug Creek - perennial fishery (GC-2, #6)

Lick Creek - seasonal fishery; no primary contact (GC-1, #7)

Coffee Creek - no fishable/swimmable or domestic water supply uses (GC-3, #8)

Specific Standards
Gulf Coastal Ecoregion
(Plates GC-1, GC-2, GC-3, GC-4)

	Typical Streams	Spring Water Streams	Lakes and Reservoirs
Temperature* °C (°F)	30 (86)	30 (86)	32 (89.6)
Ouachita River (state line to Little Missouri River)	32 (89.6)		
Red River	32 (89.6)		
Turbidity (NTU)	21	21	25
Red River	50		
Minerals		see §6(K)	see §6(K)
Dissolved Oxygen ⁻ (mg/l)	<u>Pri.</u> <u>Crit.</u>	<u>Pri.</u> <u>Crit.</u>	see §6(E)
<10 mi' watershed	5 2		
10 mi' - 500 mi'	5 3		
>500 mi' watershed	5 5		
All sizes		6 5	
All other standards	(same as statewide)		

Variations Supported by UAA

Loutre Creek - from headwaters to railroad bridge, critical season D.O. standard - 3 mg/l; primary season - 5 mg/l; from railroad bridge to mouth, critical season D.O. - 2 mg/l (GC-2, #1)

Unnamed tributary to Smackover Creek - headwaters to Smackover Creek, year round D.O. criteria - 2 mg/l (GC-2, #2)

Unnamed tributary and swamp to Smackover Creek - headwaters to Smackover Creek, year round D.O. criteria - 2 mg/l (GC-2, #3)

Unnamed tributary to Flat Creek - from headwaters to Flat Creek, year round D.O. criteria - 2 mg/l (GC-2, #4)

Dodson Creek - from headwaters to confluence with Saline River, critical season D.O. standard - 3 mg/l (GC-4, #5)

Jug Creek - from headwaters to confluence with Moro Creek, critical season D.O. standard - 3 mg/l (GC-2, #6)

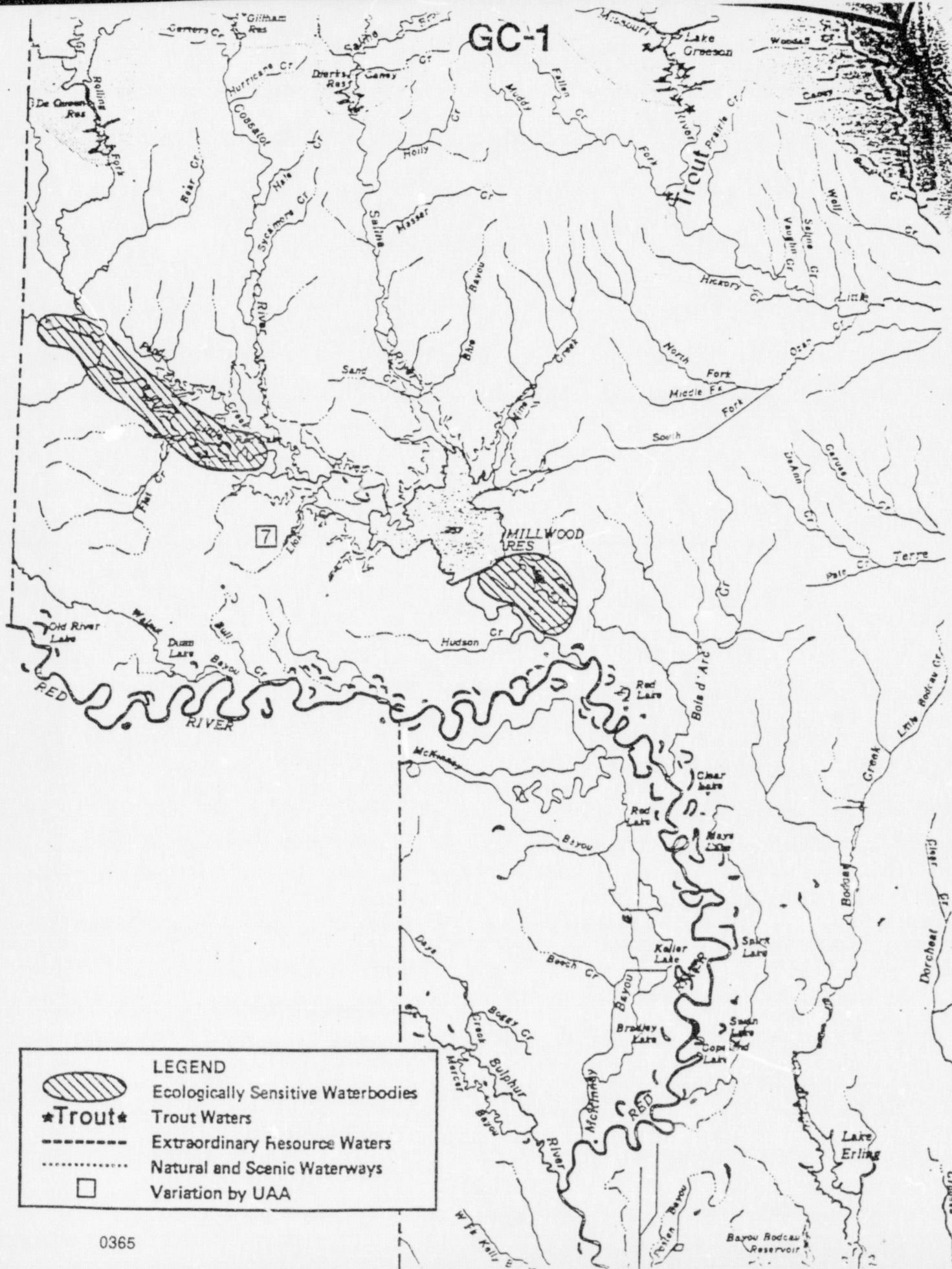
Lick Creek - from headwaters to Millwood Reservoir, critical season D.O. standard - 2 mg/l (GC-1, #7)

Coffee Creek - exempt from §5(E) and §6 (GC-3, #8)

* Increase over natural temperatures may not be more than 2.8°C (5°F).

⁻ At water temperatures ≤10°C or during March, April and May when stream flows are 15 CFS and greater, the primary season D.O. standard will be 6.5 mg/l. When water temperatures exceed 22°C, the critical season D.O. standard may be depressed by 1 mg/l for no more than 8 hours during a 24-hour period.

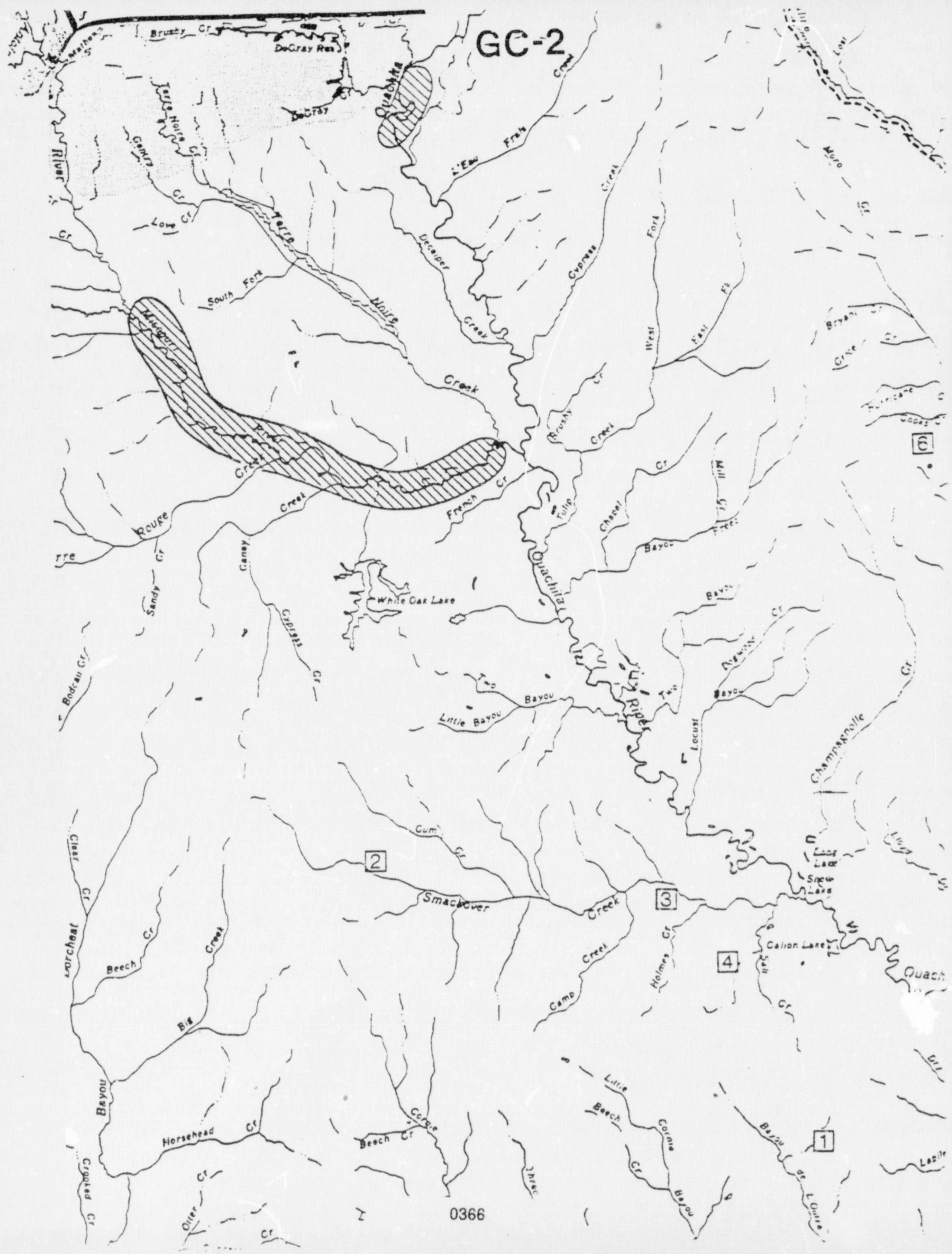
GC-1



LEGEND

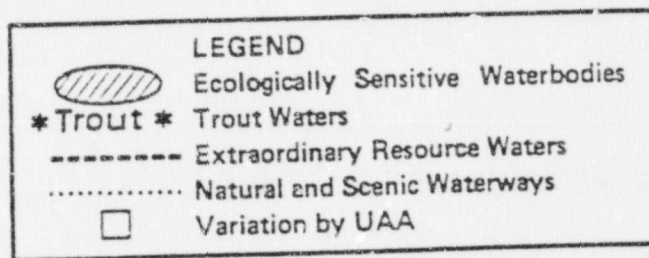
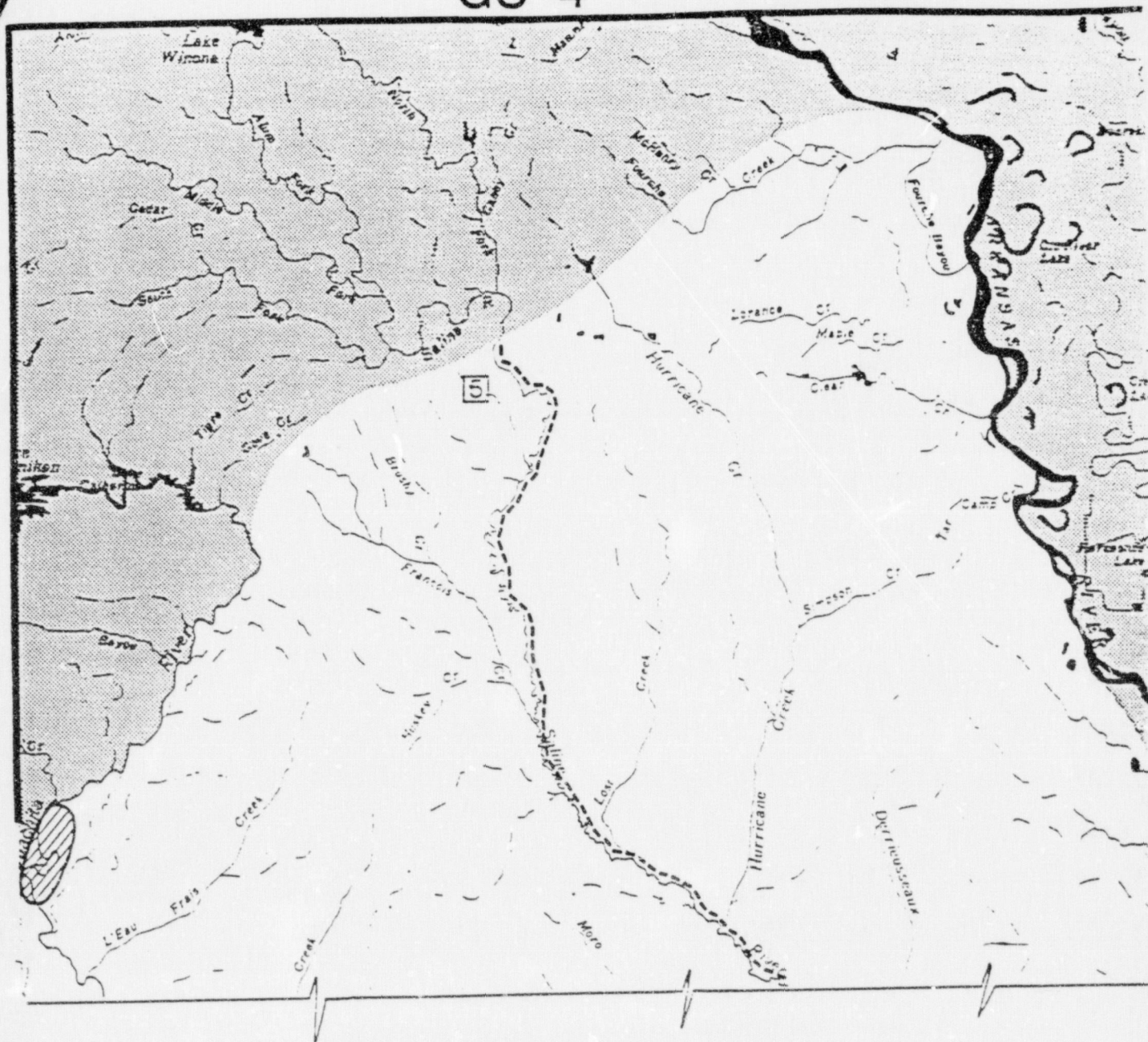
- Ecologically Sensitive Waterbodies
- Trout Waters
- Extraordinary Resource Waters
- Natural and Scenic Waterways
- Variation by UAA

GC-2

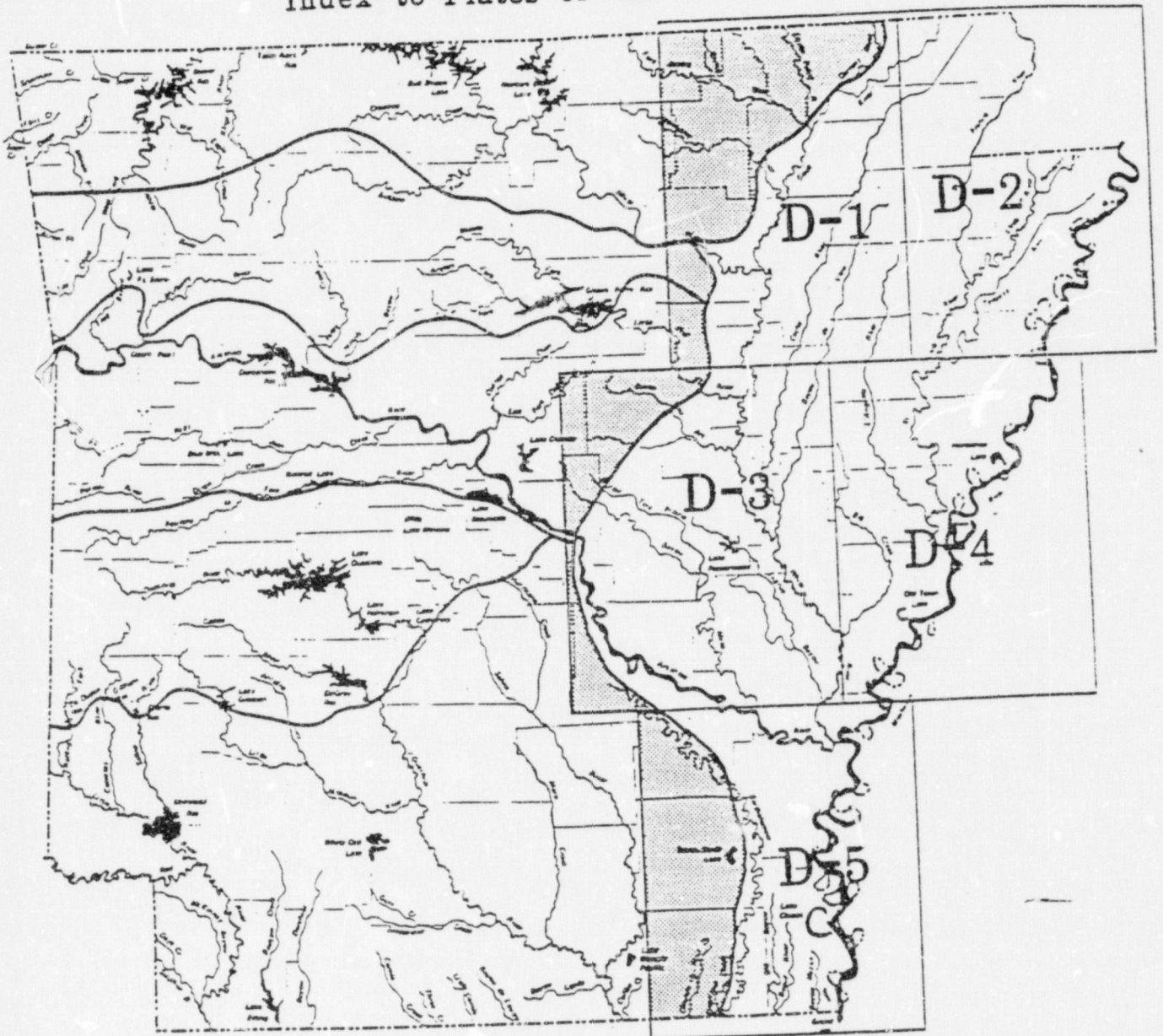


GC-3

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Index to Plates of the Delta



Designated Uses
Delta Ecoregion
(Plates D-1, D-2, D-3, D-4)

Extraordinary Resource Waters

Second Creek (D-4)
Cache River above Cache Bayou - adjacent to natural areas (D-3)
Arkansas River below Dam #2 (D-5)
Strawberry River (D-1)
Two Prairie Bayou adjacent to natural areas (D-3)

Natural and Scenic Waterways
None

Ecologically Sensitive Waterbodies

Lower St. Francis River and lower 10 miles of Straight Slough - location of fat pocketbook mussel (D-2, D-4)
Right Hand Chute at confluence with St. Francis River - location of fat pocketbook mussel (D-2)
Departee Creek - location of flat floater mussel (D-1)
Black River at mouth of Spring River - location of pink mucket mussel (D-1)

Primary Contact Recreation - all streams with watersheds of greater than 10 mi² and all lakes/reservoirs

Secondary Contact Recreation - all waters

Domestic, Industrial and Agricultural Water Supply - all waters

Fisheries

Trout - none

Lakes and Reservoirs - all

Streams

Seasonal Delta fishery - all streams with watersheds of less than 10 mi² except as otherwise provided in §6(E)

Perennial Delta fishery - all streams with watersheds 10 mi² or larger and those waters where discharges equal or exceed 1 CFS

Use Variation Supported by UAA

Unnamed ditch to Little Lagrue Bayou - perennial Delta fishery (D-3, #1)
Little Lake Bayou - seasonal Delta fishery; no primary contact (D-5, #2)

Specific Standards
Delta Ecoregion^{*}
(Plates D-1, D-2, D-3, D-4)

	<u>Least-Altered Streams</u>	<u>Channel-Altered Streams</u>	<u>Lakes and Reservoirs</u>
Temperature [—] °C (°F)	30 (86)	32 (89.6)	32 (89.6)
White River	32 (89.6)		
St. Francis River	32 (89.6)		
Mississippi River	32 (89.6)		
Arkansas River	32 (89.6)		
Turbidity (NTU)	45	75	25
Arkansas River	50		
Mississippi River	50		
St. Francis River	75		
Minerals	see §6(K)	see §6(K)	see §6(K)
Dissolved Oxygen [—] (mg/l)	<u>Pri.</u> <u>Crit.</u>	<u>Pri.</u> <u>Crit.</u>	see §6(E)
<10 mi' watershed	5 2	5 2	
10 mi' to 100 mi'	5 3	5 3	
>100 mi' watershed	5 5	5 5	

All other standards (same as statewide)

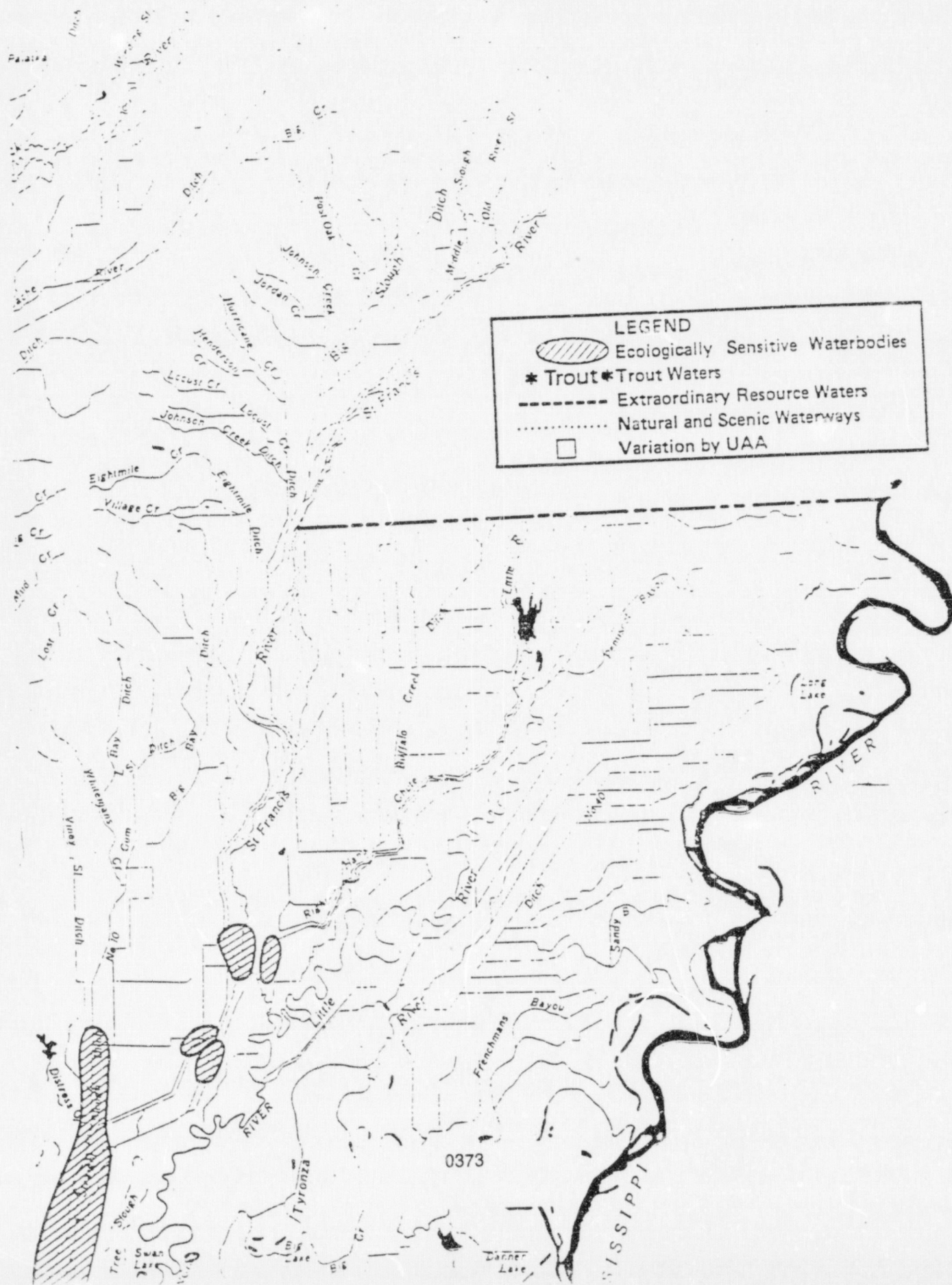
Variations Supported by UAA

Unnamed ditch to Little Lagrue Bayou - from headwaters to confluence with Little
Lagrue Bayou, critical season D.O. standard - 3 mg/l (D-3, #1)
Little Lake Bayou - critical season D.O. standard - 2 mg/l (D-5, #2)

* All waterbodies beginning and lying predominantly within the Crowley's Ridge geologic region will be addressed on a site-specific basis.

— Increase over natural temperatures may not be more than 2.8°C (5°F).

— At water temperature of 10°C or lower the primary season D.O. standard will be 6.5 mg/l. When water temperatures exceed 22°C, the critical season D.O. standards may be depressed by 1 mg/l for no more than 8 hours during a 24-hour period.



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D-4

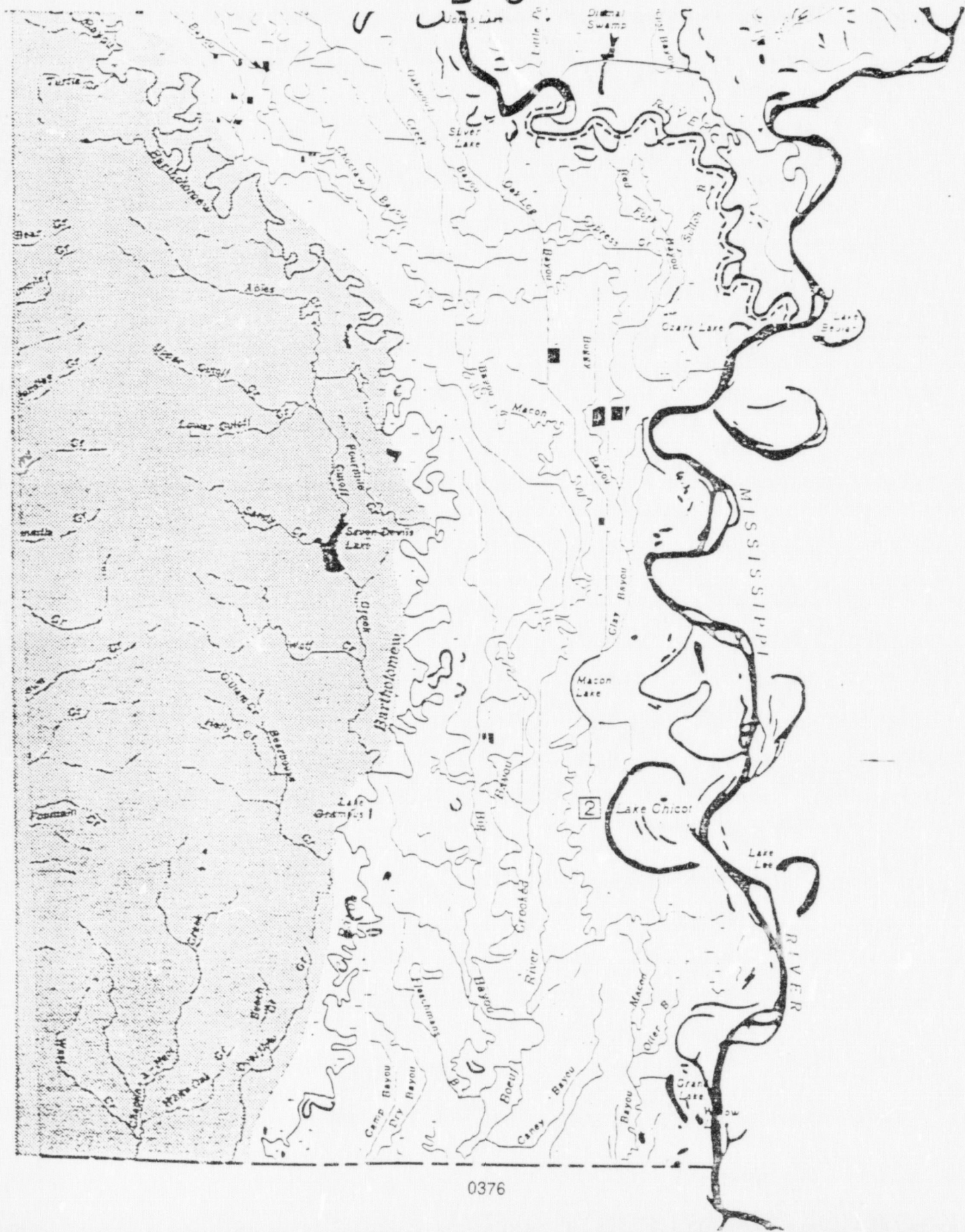
LEGEND

- Ecologically Sensitive Waterbodies
- * Trout * Trout Waters
- Extraordinary Resource Waters
- Natural and Scenic Waterways
- Variation by UAA

0375

☐ Variation by UAA

D-5



State of Kansas

Bill Graves



Governor

Department of Health and Environment

James J. O'Connell, Secretary

October 31, 1995

Julie Donsky
Environmental Scientist
Dames & Moore
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

RE: Union Pacific/Southern Pacific Merger; Construction Projects Cancelled

Dear Ms. Donsky:

In response to your letter dated October 24, 1995 KDHE has reviewed its stormwater files and has found no records of applications for stormwater runoff discharges being received for the projects you listed. In the event Union Pacific or Southern Pacific feel they have made an application and wish ensure the project files are closed, we are enclosing several blank Notice of Termination (NOT) forms for your clients use. If UP or SP wishes to use these, please make sure a UP or SP official signs the NOTs in order that we have confirmation from the responsible party and not a contractor or consultant.

Sincerely,

A handwritten signature in dark ink, appearing to read "Dave Freise".

David G. Freise, P.E.
Industrial Program Section
Bureau of Water

rlj

c: Misc Stormwater File - U and S

California Environmental Protection Agency

Air Resources Board • Department of Pesticide Regulation • Department of Toxic Substances Control • Integrated Waste Management Board
Office of Environmental Health Hazard Assessment • State Water Resources Control Board • Regional Water Quality Control Board

Pete Wilson
Governor



James M. Strook
Secretary for Environmental Protection

October 4, 1995

Dames & Moore
Julie Donsky, Environmental Scientist
One Continental Towers
1701 Golf Road, Suite 1000
Rolling Meadows, IL 60008

Re: Public Records Act Request: Union Pacific & Southern
Pacific Railroads

Dear Ms. Donsky:

We have received your September 22 and 26, 1995 letters which contain your request for records pursuant to the California Public Records Act and Request for general information. For your information, the California Environmental Protection Agency (Cal/EPA) consists of the following entities:

Office of the Secretary
Integrated Waste Management Board
Water Resources Control Board
Air Resources Board
Department of Toxic Substances
Department of Pesticide Regulation
Office of Environmental Health Hazard Assessment

We have forwarded copies of your requests to the Departments listed in the event that you have not contacted them separately. While they are not bound by the time limits of the Public Records Act based on your request to Cal/EPA, it is the policy of all Cal/EPA agencies to provide information on such matters as soon as possible. If any of the agencies have any information covered in your request, they will contact you directly. If you have any questions, please contact me at (916) 327-2064.

Sincerely,

Gerald G. Johnston
Assistant Secretary for Law
Enforcement and Counsel

cc: Cal/EPA Boards and Departments

555 Capitol Mall, Suite 225 • Sacramento, California 95814 • (916) 445-3846 • Fax: (916) 445-6401



Printed on recycled paper

0378

List of Boards and Departments

Air Resources Board
Michael P. Kenny, General Counsel
2020 L Street
Sacramento, CA 95814

Department of Toxic Substances Control
Attn: Joe Irvin
Public Participation Unit
411 P Street
P.O. Box 806
Sacramento, CA 95812-0806

Office of Environmental Health Hazard Assessment
William Soo Hoo, Chief Counsel
601 North 7th Street, #307
Sacramento, CA 95814

Department of pesticide Regulations
Victoria Gall, Senior Staff Counsel
1220 N Street, Room A-414
Sacramento, CA 95814

California Integrated Waste Board
Kathryn Tobias, Chief Counsel
8800 Cai Center Drive
Sacramento, CA 95826

Water Resources Control Board
Bill Attwater, Chief Counsel
901 P Street
Sacramento, CA 95814