



APR 24 1981

file ACT/007/007



MEMO TO: L. P. Huntsman

DATE: March 24, 1981

DIVISION OF
OIL, GAS & MININGCOPIES TO: Ms. M. Greenberg (J. T. Boyd Co.)
J. S. Huefner

FROM: H. C. Lee

AT: KB-1256

SUBJECT: SUNNYSIDE MINE PERMITTING

Following are some corrections on the final version of the Sunnyside permit application submitted to DOGM and OSM:

1. Chapter III. Plate III-1. Permit boundary around Sunnyside town area needs correction. Should not include town.

2. Chapter V. P. 15 is the same as p. 13. Should eliminate p. 15.
Correct sequence should be:

P. 15-16 Table V-1 (missing).

P. 17-18 Table V-2 (not p. 16-17.) P. 18 missing.

P. 56 (Fig. V-12) should precede, not follow, p. 57.

P. 100 and 101 repeated. The first sheet should be removed since Table V-6 is inverted.

Site reports: 42Cb232 Map should be relocated to follow p. 4.

42Cb233 P. 1 and 2 mislocated after 234 and page reversed.

P. 3 and 4 mislocated after 234 and page reversed.

Repunch both sheets and locate after 232.

P. 5 map, relocate to follow p. 4.

42Cb234 P. 1 and 2 reversed. Repunch.

P. 5 mislocated after 235. Relocate after p. 4.

42Cb235 P. 1 and 2 reversed. Repunch.

42Cb242 P. 1 and 2 reversed. Repunch.

42Cb243 P. 1 and 2 reversed. Repunch.

42Cb244 P. 1 and 2 reversed. Repunch.

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2. Chapter V (cont.)

Site reports: 42Cb245 P. 1 and 2 reversed. Repunch.

42Cb247 P. 5. Map upside down. Repunch.

3. Chapter VI. Reverse order of USGS maps. C-50 should precede I-582.

4. Chapter VIII. Section 8.4.

Letter from Soil Conservation Service on negative determination of Prime Farmland received after application submitted. Copy to be included later if needed.

5. Chapter IX. Section 9.3.2.5.

The page following Table IX-5 should be removed.

HCL:g1b

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PLANTS IDENTIFIED IN THE PERMIT AREA DURING THE SURVEY

ACERACEAE <u>Acer</u> sp	Maple Family maple
ASCLEPIADACEAE <u>Asclepias speciosa</u>	Milkweed Family common milkweed
BERBERIDACEAE <u>Berberis repens</u>	Barberry Family Oregon grape
BETULACEAE <u>Betula occidentalis</u>	Birch Family water birch
CACTACEAE <u>Echinocereus</u> sp <u>Opuntia</u> sp	Cactus Family hedge hog cactus prickly pear cactus
CAPRIFOLIACEAE <u>Sambucus</u> sp <u>Symphoricarpos</u> sp	Honeysuckle Family elderberry snowberry
CELASTRACEAE <u>Pachystima myrsinites</u>	Bittersweet Family mountain lover
CHENOPODIACEAE <u>Atriplex canescens</u>	Goosefoot Family four-wing saltbush
COMPOSITAE <u>Arctium minus</u> <u>Artemisia tridentata</u> <u>Chrysothamnus nauseosus</u> (?) <u>Cirsium</u> sp	Sunflower Family burdock sagebrush rabbitbrush thistle
CRUCIFERAE <u>Rorippa nasturtium-aquaticum</u>	Mustard Family water cress
CYPRESSACEAE <u>Juniperus osteosperma</u> <u>Juniperus scopulorum</u> <u>Juniperus communis</u>	Cypress Family Utah juniper Rocky Mountain juniper common juniper
EPHEDRACEAE <u>Ephedra viridis</u>	Jointfir Family Mormon tea
EQUISETACEAE <u>Equisetum</u> sp	Horsetail Family horsetail
GENTIANACEAE <u>Swertia ratiata</u>	Gentian Family deer's ears

TABLE V-1 CONTINUED:

GRAMINEAE

Agropyron smithii
Agropyron cristatum
Bouteloua gracilis
Bromus tectorum
Elymus sp
Oryzopsis hymenoides
Poa sp
Stipa scribneri (?)

Grass Family

western wheatgrass
 crested wheatgrass
 gramma grass
 cheat grass
 wild rye
 Indian ricegrass
 bluegrass
 Scribner needlegrass

JUNCAEAE

Juncus sp

Rush Family

rush

LEGUMINOSEAE

Lupinus sp.
Melilotus sp.

Pea Family

lupine
 sweet clover

LILIACEAE

Yucca harrimaniae (?)

Lily Family

yucca

PINACEAE

Pinus edulis
Pinus flexilis
Pseudotsuga menziesii

Pine Family

pinyon pine
 limber pine
 Douglas fir

POLYGONACEAE

Eriogonum sp
Eriogonum sp

Buckwheat Family

wild buckwheat
 sulfur flower

ROSACEAE

Amelanchier alnifolia
Cercocarpus ledifolius
Cowania mexicana
Rosa sp

Rose Family

serviceberry
 curl-leaf mtn. mahogany
 cliff rose
 wild rose

SALICACEAE

Populus tremuloides
Populus angustifolia
Salix sp

Willow Family

aspen
 narrowleaf cottonwood
 willow

SAXIFRAGACEAE

Ribes sp

Saxifrage Family

currant

SCHROPHULARIACEAE

Penstemon sp
Verbascum thapsus

Figwort Family

beard tongue
 mullien

TYPHACEAE

Typha latifolia

Cattail Family

cattail

URTICACEAE

Urtica gracilis

Nettle Family

nettle

APR 24 1981



United States
Department of
Agriculture

Soil
Conservation
Service

4012 Federal Building
125 South State Street
Salt Lake City, UT 84138

March 16, 1981

Marcia Wolfe
Kaiser Steel Corporation
P. O. Box 1107
Raton, New Mexico 87740

Dear Ms. Wolfe:

A review of the soils on your company's Sunnyside properties as described on maps provided by John Huefner, March 6, 1981, indicates no prime farmland within the permit area.

These maps will remain on file in the SCS State Office for future reference.

Sincerely,

THERON B. HUTCHINGS
State Soil Scientist

cc:
Gary D. Moreau; DC, Price



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