

On June 10, 1977, a proposal by Mr. Walter Gammeter, Senior Engineer for Aluminum Company of America, Bauxite, Arkansas, was made requesting formal substitution of reclamation of 103.0 acres of pre-law spoil, in lieu of reclaiming 103.0 acres of permitted mined-out land. This proposal was made under Act 236, Section 16.

Alcoa is sole owner of surface and minerals for all land involved in this proposal.

On review and discussion of this proposal with Mr. Gammeter, the program for reclamation of pre-law spoil was good. The permitted area for exchange is now a part of the mining complex water control system surge ponds and settling ponds that must remain as water treatment facilities. It must be pointed out that most of these ponds are formed ponds with dressed embankment with rip-rap. In the future, these ponds will simply convert to fresh water ponds when the acid forming materials in the mining complex have become completely oxidized.

On August 12, 1977, the Mined Land Review Committee and the Department met with Alcoa officials for a conducted tour of all properties involved. On completion of the tour all members of the Mined Land Review Committee and the Department were in complete agreement that this proposal should be placed before the Commission for acceptance.

* See attached information letters and detail map as exhibit "A" showing area for substitution acreage of pre-law spoil to be reclaimed in lieu of designated permitted area.

COMMISSIONERS

[Handwritten signatures and dates]

Ralph A. Dumas

SUBMITTED BY: M. J. Bonner DATE PASSED: 9-23-77



STATE OF ARKANSAS
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
8001 NATIONAL DRIVE
LITTLE ROCK, ARKANSAS 72209

501 371-1701 GEN. OFF.
501 371-1136 AIR DIV.

MEMORANDUM

DATE : August 12, 1977
TO : Mined Land Review Committee
FROM : M.J. Bonner, Reclamation
SUBJECT: APPROVAL OF PROPOSAL BY ALUMINUM COMPANY OF AMERICA FOR SUBSTITUTION OF 103 ACRES OF PERMITTED PROPERTIES CURRENTLY USED AS HOLDING PONDS FOR ACID WATER TREATMENT PLANT SYSTEMS IN LIEU OF 103 ACRES OF PRE-LAW SPOIL AREAS AS SHOWN ON ATTACHED MAP FOR RECLAMATION

On the basis of information presented, and a field trip to the properties, the mined land review committee was in unanimous agreement with Alcoa as to the value of this proposal to the environmental usefulness and preservation along with a strong aesthetic value to the area.

Harold B. Lpel

ARKANSAS GAME & FISH COMMISSION

Stanley L. Chapman

STATE CO-OP EXTENSION SERVICE

J. R. Young

ARKANSAS SOIL & WATER COMMISSION

James B. Barnum

ARKANSAS STATE FORESTRY COMMISSION

W. E. V. B. L.

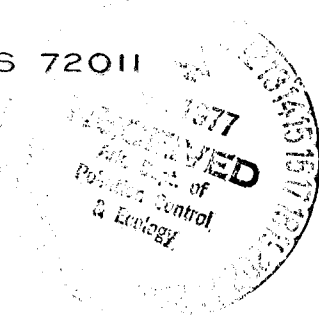
ARKANSAS STATE GEOLOGICAL COMMISSION

ALUMINUM COMPANY OF AMERICA

P. O. BOX 300 • BAUXITE, ARKANSAS 72011

ARKANSAS OPERATIONS

1977 August 09



Mr. M. J. Bonner, Geologist
Department of Pollution Control & Ecology
8001 National Drive
Little Rock, Arkansas 72209

RE: PLANNED RECLAMATION FOR PROPOSED LANDS TO BE SUBSTITUTED
BY ALCOA UNDER THE 1971 LAND RECLAMATION ACT

Dear Mr. Bonner:

There are basically three (3) areas or locations which will be reclaimed by Alcoa as substituted areas as indicated in the accompanying marked up Xeroxed portion of Map B-00196 BM. Exact shape, size, and boundaries of areas to be reclaimed will vary slightly when completed; but each area will be surveyed when completed so that, in total, a minimum of at least 103 acres will be reclaimed by the Company. Once substitute approval is granted by the Department of Pollution Control and Ecology, reclamation work will begin.

Reclamation Description of the three areas follows:

Area I (Sections 15 & 16) - This area lies south of the center street cuts and north but fronts on the future county road between Budberry Crossing and the Mine Road to Branning Lake. This area was mined over 30 years ago and plans are now to slope it to acceptable slopes so that all runoff will drain towards the Dragline Ditch and can be treated in the Acid Mine Water Treatment Plant in Section 14. After corrective grading and the placement of topsoil, fertilizer and lime grasses will be planted. After a successful grass stand has been accomplished, the land will be planted in trees.

Area II (Section 11) - This area is basically old Fletcher dump and mine pit. The area fronts the existing Sardis Road. In this area Alcoa has done some corrective grading. More will be accomplished; additional topsoil, brown lime and fertilizer will be added after slopes are corrected and graded so that all drainage flows towards the Section 14 Acid Water Treatment Plant. The area will be first planted in grasses and after cover has been established the land will be planted in pine trees.

Mr. M. J. Bonner
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Area *III (Section 22) :- This area lies west of the mine road and east of the county road and a portion of this area has already been graded and planted in grass. The remaining areas will be sloped, covered with topsoil, fertilized and planted in grass. Once cover is well established; the area will be planted in pine trees.

Yours faithfully,

ALUMINUM COMPANY OF AMERICA

A handwritten signature in cursive script, appearing to read "Walter Gammeter". The signature is written in dark ink and is positioned above the typed name.

Walter Gammeter
Senior Mining Engineer

ALUMINUM COMPANY OF AMERICA

P. O. BOX 300 • BAUXITE, ARKANSAS 72011

ARKANSAS OPERATIONS



1977 June 10

Mr. M. J. Bonner, Geologist
 Department of Pollution Control & Ecology
 8001 National Drive
 Little Rock, Arkansas 72209

RE: REQUEST TO TRADE LANDS TO BE RECLAIMED UNDER 1971 LAND RECLAMATION ACT

Dear Mr. Bonner:

During the past few years a large amount of Alcoa's Mining has been accomplished to develop pits for holding acid water runoff, so that it could eventually be treated in the Company's New Acid Water Treatment Plants. These pits are, for the most part, essential segments of the Company's acid water treatment plant systems. These plants are scheduled for completion by 1977 July 1. We now realize that these Surge lakes and areas of impoundment, while necessary for water treatment or process lakes, will not meet the pH requirements for reclaimed lakes. Thus, we are requesting permission to be exempted from reclaiming 103.0 acres and in exchange we agree to reclaim 103.0 acres in other lands.

LISTING OF AREAS TO BE EXEMPTED: All lands in T2S, R 14 W

<u>LOCATION</u>	<u>DISTURBED ACRES</u>	<u>MAP SYMBOL</u>	<u>DESCRIPTION</u>
SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10	3.2	a	Canal for Runoff
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9	13.0	b	Future Process Lake
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14	5.5	c	Surge Lake & Dike in 14 Plant
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14	0.8	d	Portion of Sludge Lake
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14	18.9	e	Portion of Sludge Lake
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14	17.4	f	Portion of Surge Lake
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14	1.3	g	Portion of Canal
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14	13.3	h	Portion of Sludge
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14	4.0	i	Portion of Sludge
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15	4.5	j	Storage & Canal
N $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 20	11.2	k	Holly Creek Sur
S $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 20	9.9	l	Holly Creek Sur
Totals	103.0		

MR. M. J. BONNER
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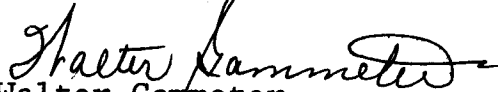
Listing of Areas to be substituted: Additional lands that will be reclaimed. All lands in T2S, R14W.

<u>LOCATION</u>	<u>AREAS TO RECLAIM</u>	<u>MAP SYMBOL</u>	<u>DESCRIPTION</u>
SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 16	5.3	A	Mine Floor & Dump
SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 15	13.6	B	Mine Floor & Dump
SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 15	24.2	C	Mine Floor & Dump
NW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 15	2.0	D	Mine Floor & Dump
SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 15	17.0	E	Mine Floor & Dump
SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 11	20.0	F	Fletcher Mine Dump
SW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 22	2.7	I	Old Waste Dump
SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 22	2.9	J	Old Waste Dump
NW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 22	13.0	K	Old Waste Dump
NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 22	<u>2.3</u>	L	Old Waste Dump
Totals	103.0		

The enclosed map indicates in green the areas that we cannot reclaim; in red, are the areas we desire to reclaim in lieu of the areas within our water treatment systems. Kindly advise if this request for trade is acceptable.

Yours faithfully,

ALUMINUM COMPANY OF AMERICA


Walter Gammeter
Senior Mining Engineer

WG:ph

encl.