

0005



ARCH OF UTAH
Trail Mountain Mine
P.O. Box 550
Orangeville, Utah 84537

*file A-1/015/009
#2*

August 31, 1987

Lowell Braxton
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center/Suite 350
Salt Lake City, Utah 84180/1203

RE: Removal of sediment pond material from Trail Mountain Mine site to State approved land fill

Dear Mr. Braxton;

I would formally submit to you and the Division, for your review and approval, Trail Mountain Mine's proposed plan to remove sed-pond material from our mine site to Nielson Construciton waste disposal site located on the Des-Bee-Dove road three miles north of Castle Dale.

Prior to this submittal, Trail Mountain has sampled the sed-pond soil pile and sent for analysis a composite sample derived from approximately 40 individual samples. The results appear to be in line with the overburden evaluation for vegetation root zone table provided by your staff. The Trail Mountain sed-pond analysis is found in Attachment A.

Trail Mountain submits the following proposal for the removal of sed-pond soils:

The sed-pond soils pile contains approximately 3,000 cubic yards of soils material. Trail Mountain would contract with Nielson Construction to haul this material from the mine site using 36 yard end dumps. (See Attachment B).

The sed-pond soils material would be trucked from the mine site to the Nielson Construction Company's approved waste disposal site. (See Attachment C).

The sed-pond soils material would be compacted to the smallest practical volume and covered with at least 6" of soil.

The Nielson Construction Land Fill site has been visited by Mr. Don Duce of the Division. Your expeditious review of this proposal would be greatly appreciated. If you need further information or have any questions regarding this proposal, please contact me at 748-2140.

Sincerely;

ARCH OF UTAH

Allen P. Childs
Mine Engineer

Enclosures

APC/gg

ATTACHMENT A

Branch Code 43
 Lab. No. 72338
 Date Rec'd. 07.01.87
 Date Sampled 02.12.87
 Sampled By TMCC



SAMPLE ID:

SOIL SAMPLE

ARCH OF UTAH
 TRAIL MOUNTAIN MINE
 P.O. BOX 370
 ORANGEVILLE, UTAH 84537
 (801) 748-2140

% COMBUSTABLE	39.56
*% COMBUSTABLE @ 350oC	23.41
SODIUM-ABSORPTION-RATIO (MEQ/L)	3.46
SATURATED WATER PERCENTAGE (%)	33.6
HOT-WATER SOLUBLE BORON	2.4 PPM
ELECTRICAL CONDUCTIVITY	4,900 UMHOS/CM
SELENIUM	1.07 PPM
*WATER SOLUBLE SELENIUM	0.010 PPM
TEXTURE (BY HYDROMETER):	
% SAND	44.32
% SILT	17.04
% CLAY	38.64

ACID-BASE ACCOUNTABILITY CaCO3 EQUIV. (TONS/1000 TONS OF MATERIAL)

COLOR	FIZZ	%SUL.	MAX FROM % SUL.	AMOUNT PRESENT	MAX NEEDED PH 7	EXCESS	PASTE pH
2.5Y 4/2	4	0.27	0.84	75.53		74.69	8.18

* REQUESTED 7/1/87

FOR YOUR PROTECTION THIS DOCUMENT HAS
 BEEN PRINTED ON CONTROLLED PAPER STOCK

Respectfully Submitted,

Cliff Smart

CLIFF SMART 08.05.87

ATTACHMENT B



STATE OF UTAH
DEPARTMENT OF HEALTH

NORMAN H. BANGERTER, GOVERNOR

SUZANNE DANDROY, M.D., M.P.H., EXECUTIVE DIRECTOR

August 26, 1985
533-4145

Mr. Wane L. Nielson
Nielson Construction Company
P.O. Box 620 Huntington, Utah

RE: Approval of Solid Waste
Disposal Site
(Emery County)

Dear Mr. Nielson,

This office has received and reviewed the plans and specifications received on August 9, 1985, and additional information submitted on August 16, 1985, requesting approval of the above mentioned solid waste disposal site. The proposed site was inspected on August 21, 1985, by Mr. Gerald Story from the Southeastern Utah District Health Department. The plans, specifications and location appear to be in conformance with the Utah Code of Solid Waste Disposal Regulations and are hereby approved upon the following conditions:

1. The mine wastes you accept must be the type proposed in your application to this office.
2. The site must not accept any commercial or household garbage or rubbish.
3. The solid waste material must be compacted to the smallest practical volume prior to covering with at least six inches of soil at the end of each operating day.
4. Open burning at the site shall not be permitted.
5. All entities that you provide a services for must be made aware of the restrictions in the type of solid waste material that you will be permitted to accept.
6. Hazardous waste must not be a accepted at the site.
7. This approval is issued on the condition that the facility be constructed and operated in accordance with the specifications which you submitted and in compliance with all applicable local, state and federal regulations.

KENNETH L. ALKEMA, DIRECTOR • DIVISION OF ENVIRONMENTAL HEALTH

Your solid waste disposal site will be subject to periodic inspections by representatives from the State and/or Southeastern Utah District Health Dept.

If you have any questions regarding the foregoing, please contact Mr. Montague of this office.

Sincerely,



Dale D. Parker, Ph.D.
Executive Secretary
Utah Solid and Hazardous Wastes
Committee

c: S.E. Utah District Health Dept., Gerald Story

WKM:dt
7197

BRUCE C. FUNK
Emery County Clerk
P. O. Box 907
Castle Dale, Utah 84513
Phone: 381-2139



Office of Emery County Clerk

Castle Dale, Utah

A GREAT FUTURE
WITH COAL, GAS AND
URANIUM

January 3, 1985

Mr. Wayne Nielson
Nielson Construction
P.O. Box 620
Huntington, UT 84528

Dear Wayne:

This letter is to inform you that the Board of Emery County Commissioners, on December 19, 1985, approved the issuance of a business license to you for the operation of the land fill on the Des-Bee-Dove road.

The effective date of the license is from January 1, 1986 through and including December 31, 1986. We also acknowledge receipt of the application and the license fee of \$25.00.

If we can be of further assistance, please do not hesitate to let us know.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bruce C. Funk".

Bruce C. Funk
Clerk of Emery County

BCF/kb

ATTACHMENT C



NIELSON CONSTRUCTION

COMPLETE EXCAVATION SERVICE

JOHN C. NIELSON & SONS

P.O. BOX 620 - HUNTINGTON, UTAH 84528 - (801) 687-2494

August 20, 1987

Trail Mountain Coal
Orangeville, Utah 84537

ATTENTION: Allen Childs

As per your request, I have come up with a price of \$68.00 per load. This covers the cost of hauling the mine waste to our landfill and disposing of it under state laws. We would use 36 yard end dumps to haul this waste material. Our landfill has all the necessary requirements completed to be legal for mine waste dumping.

If you have any questions please call me.

Thank you,

A handwritten signature in cursive script that reads "Wayne Nielson".

Wayne Nielson,
Nielson Construction