



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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TECHNICAL FIELD VISIT

DATE: August 27, 1997, 8 a.m. to 12:00 noon
DOGM STAFF: Robert Davidson, Soils Reclamation Specialist
ATTENDANTS: Steve Traweck, Earthco and Dave Steed, EIS
RE: Topsoil Borrow Soil Survey Field Visit, NEICO, Wellington Prep Plant, ACT/007/012, Carbon County, Utah

Purpose: Locate alternate topsoil borrow areas to replace the currently approved Topsoil Borrow Areas A, B and portions of C.

Background:

- Topsoil Borrow Area A was recently designated as Prime Farmland by the NRCS and therefore cannot be used for soil borrow.
- Topsoil Borrow Area B and portions of Area C are slated for industrial development with a pending land sell to Pacific Corp.
- The land sell is contingent on releasing these borrow sites from the Permit area.
- Since these topsoil borrow areas are currently approved for reclaiming the refuse ponds, the land sell is ultimately contingent on locating and approving alternate sites for topsoil borrow.

Field Observations:

- The lower section of Borrow Area C contains soils that vary in depth and quality as observed in several soil pits. These soils are classified by the SCS as Gerst-Badland-Stormitt complex. The Gerst cobbly loam soils are approximately 17 inches thick over Mancos shale; the Stormitt gravelly sandy loam soils extend to 60 inches or more in depth. The Gerst soils are moderately erosive whereas the Stormitt soils are highly erosive.
- Soil pits located on the top of several knolls showed gravelly to cobbly soils with thickness greater than five feet. The sides and lower toe sections of knolls exhibited much shallower soils with several areas on the sides exposing Mancos based materials.
- The upper bench areas located to the south of the Prep Plant were not observed, but are considered as possible sources for soil borrow.
- Field observations were made in the low lying areas that are adjacent and below the Coarse Refuse Pile. Soils in these areas are classified as Ravola-Slickspots complex and exhibit much lower soil qualities for reclaimability than the Gerst-Stormitt soils.

Recommendations and Conclusions:

- Approval of new borrow sites will be based on soil volume, quality and site reclaimability as determined by soil survey and soil characterization results.
- The soil survey must delineate and separately map the Gerst and Stormitt soils within the proposed soil borrow areas.
- All survey work and soil descriptions must meet both (1) the current standards of the National Cooperative Soil Survey and (2) the Division's Guidelines for Management of Topsoil and Overburden.

Signature: 
Robert A. Davidson, Soils Reclamation Specialist

on August 29, 1997

cc: Patrick Collins, Mt. Nebo Scientific
Mary Ann Wright
Daron Haddock
Joe Helfrich
Paul Baker
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NATURAL RESOURCES
Oil, Gas & Mining

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MODIFICATION OF NOTICE OF VIOLATION/CESSATION ORDER

To the following Permittee or Operator:

Name Nevada Electric Investment Company

Mailing Address c/o Steve Traweck, 1179 E. Main #104, Provo, UT

State Permit No. ACT/007/012 84501

Utah Coal Mining & Reclamation Act, Section 40-10-1 et seq., Utah Code Annotated (1953):

Notice of Violation No. N 97-41-4-1 dated June 24, 19 97.

Cessation Order No. C _____ dated _____, 19 _____.

Part 1 of 1 is modified as follows: Abatement date extended to Sept. 2, 1997, effective Aug 11, 1997.

Reason for modification is Administrative delay in reviewing the amendment application and additional time

Part _____ of _____ is modified as follows: needed to prepare amendment.

Reason for modification is _____

Part _____ of _____ is modified as follows: _____

Date of service/mailling 8/14/97

Time of service/mailling 4:00 a.m. p.m.

Date of inspection June 16, 1997

Steve Traweck
Permittee/Operator representative

Resident Agent
Title

MAILED FROM SALT LAKE OFFICE
Signature

Paul B. Baker
Division of Oil, Gas & Mining
[Signature]
Signature

Reclamation Biologist
Title