

SECTION 33

POST-RECLAMATION ROADS, BUILDINGS, FACILITIES AND OTHER STRUCTURES

TABLE OF CONTENTS

SECTION	SECTION TITLE	PAGE NUMBER
SECTION 33	POST-RECLAMATION ROADS, BUILDINGS, FACILITIES, AND OTHER STRUCTURES	1
33.1	Post-Reclamation Roads.....	1
33.2	Other Post-Reclamation Transportation Facilities.....	1
33.3	Post-Reclamation Buildings and Ancillary Structures	1
33.4	Post-Reclamation Water, Sewage and Other Utility Facilities	1
33.5	Post-Reclamation Pipelines, Electrical Lines and Communications Facilities.....	2
33.6	Post-Reclamation Wells	2
33.7	Other Post-Reclamation Structures and Facilities	3

SECTION 33

POST-RECLAMATION ROADS, BUILDINGS, FACILITIES, AND OTHER STRUCTURES

LIST OF REVISIONS DURING PERMIT TERM

REV.		DATE
NUMBER	REVISION DESCRIPTION	APPROVED

SECTION 33 POST-RECLAMATION ROADS, BUILDINGS, FACILITIES, AND OTHER STRUCTURES

33.1 Post-Reclamation Roads

Navajo Transitional Energy Company (NTEC) does not plan to retain any roads for post-mining land use; however, prior to removal NTEC will consult with the Navajo Nation local chapters to identify any roads that they would like retained. If any roads are to be retained the permit will be revised accordingly.

The reclamation procedures for primary and ancillary roads will be different due to levels of disturbance. Primary roads will ripped and topdressed with an average of 15 inches of topdressing throughout the length of the road as specified in Section 36, Post-Reclamation Soil. Topdressing material will not be redistributed on ancillary roads, as discussed in Section 36 Post-Reclamation Soil; rather, the existing surfaces of these roads will be disked and seeded according to the methods and procedures described in Section 37 (Post-Reclamation Vegetation).

For detailed information about post-mining reclamation refer to Part 5 Reclamation Plan. For information about primary roads refer to Section 23 Roads.

33.2 Other Post-Reclamation Transportation Facilities

NTEC does not plan to retain other transportation facilities for post-reclamation use; however, prior to removal NTEC will consult with the Navajo Nation and local chapters to identify any facilities that they would like retained. If any facilities are to be retained the permit will be revised accordingly.

For detailed information about post-mining reclamation refer to Part 5 (Reclamation Plan). For information about coal transportation facilities refer to Section 22 (Support Facilities).

33.3 Post-Reclamation Buildings and Ancillary Structures

NTEC does not plan to retain any buildings and ancillary structures for post-reclamation use; however, prior to removal NTEC will consult with the Navajo Nation and local chapters to identify any buildings and ancillary structures that they would like retained. If any buildings and ancillary structures are to be retained the permit will be revised accordingly.

For detailed information about post-mining reclamation refer to Part 5 (Reclamation Plan). For information about buildings and support facility areas refer to Section 22 (Support Facilities).

33.4 Post-Reclamation Water, Sewage and Other Utility Facilities

NTEC does not plan to retain any water, sewage, or other utility facilities located above or below ground for post-reclamation use; however, prior to removal NTEC will consult with the Navajo Nation and local

chapters to identify any that they would like retained. If any utilities are to be retained the permit will be revised accordingly.

For detailed information about post-mining reclamation refer to Part 5 Reclamation Plan. For information about water, sewage and other utility facilities refer to Section 22 Support Facilities.

33.5 Post-Reclamation Pipelines, Electrical Lines and Communications Facilities

NTEC does not plan to retain any pipelines, electrical lines or communications facilities located above or below ground for post-reclamation use; however, prior to removal NTEC will consult with the Navajo Nation and local chapters to identify any utilities that they would like retained. If any utilities are to be retained the permit will be revised accordingly.

For detailed information about post-mining reclamation refer to Part 5 Reclamation Plan. For information about pipelines, electrical lines and communications facilities refer to Section 22 Support Facilities.

33.6 Post-Reclamation Wells

During mining, NTEC will disrupt groundwater availability to four wells within and zero wells adjacent to the permit area. These wells are identified and discussed in Section 18 (Water Resources). Protection and replacement of water rights for present users is discussed in Section 35 (Hydrologic Reclamation Plan), and NTEC will replace the lost water sources should NTEC find that the water users are still in need of the sources that existed pre-mine. NTEC may replace the water use sources with replacement wells, as deemed appropriate by NTEC. Replacement wells, if constructed, will be completed into a water-bearing unit to provide comparable water quantity for use in livestock watering to support the post-mine land use of grazing. NTEC does not intend for any replacement wells to be used as a source of domestic water. Restoration of groundwater recharge capacity is discussed in Section 35 (Hydrologic Reclamation Plan).

Groundwater monitoring wells will be left in place until monitoring requirements under the Surface Mining Control and Reclamation Act (SMCRA) have been satisfied and the Office of Surface Mining Reclamation and Enforcement (OSM) approves their removal from the monitoring program. The groundwater monitoring program is discussed in Section 42 Monitoring, Maintenance, Inspections and Examinations. Groundwater monitoring wells, exploration holes, and boreholes will be reclaimed as described in Section 32 Temporary Structures and Facilities Removal and Reclamation. A description of the construction, operation, use and maintenance of wells is contained in Section 18 Water Resources, Section 22 Support Facilities and Section 42 Monitoring, Maintenance, Inspections and Examinations.

33.7 Other Post-Reclamation Structures and Facilities

During mining development, NTEC will disrupt surface water availability to livestock ponds within and adjacent to the mining area. Protection and replacement of water rights for present users is discussed in Section 35 Hydrologic Reclamation Plan, and NTEC will replace the lost water sources should NTEC find that the water users are still in need of the sources that existed pre-mine. NTEC may replace these livestock ponds with replacement livestock ponds or livestock tanks, as deemed appropriate by NTEC. The replacement livestock ponds or tanks will provide comparable water quantity for use in livestock watering. NTEC does not intend for any ponds or tanks to be used as a source of domestic water.

During baseline surveys of surface water resources within Area 4 South, a headcut feature was identified within the lower reaches of the No Name Arroyo as described in Section 18 Water Resources. Mitigation of this headcut feature is described in Section 35 Hydrologic Reclamation Plan. The mitigation of the headcut will be a mitigation feature that will be left in place post-reclamation for the long term benefit of protecting the No Name Arroyo water quality. A description of the probable hydrologic consequences and hydrologic and sediment transport modeling from this mitigation structure are included in Section 41 Probable Hydrologic Consequences.

NTEC does not plan to retain other structures and facilities for post-reclamation use; however, prior to removal NTEC will consult with the Navajo Nation and local chapters to identify any structures and facilities that they would like retained. If any structures and facilities are to be retained the permit will be revised accordingly.

For detailed information about post-mining reclamation refer to Part 5 Reclamation Plan. For information about support facilities refer to Section 22 Support Facilities.