

SECTION 22

SUPPORT FACILITIES

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SUPPORT FACILITIES

LIST OF REVISIONS DURING PERMIT TERM

REV.		DATE
NUMBER	REVISION DESCRIPTION	APPROVED

SECTION 22 SUPPORT FACILITIES

Mine facilities for the No Name Project (NNP) are comprised of transportation facilities, diversions, and water storage and/or treatment facilities such as ponds, impoundments, berms, or embankments. These facilities are discussed in Sections 23 Roads, 25 Sediment Control Plan, and 26 Drainage Control Plan.

Support facilities include various permanent structures (structures in place for longer than 6 months) which are greater than 100 sq ft and not readily mobile (e.g., not on wheels or skids) or are attached to a permanent foundation. These facilities may include, but are not limited to: coal handling facilities; buildings and support facility areas; water, sewage, and other utility facilities; pipelines, electrical lines, and communication facilities; exploration holes, boreholes, wells, and other underground openings; and other structures and facilities. Mine and support facilities are presented on Exhibit 22-1.

Various structures not meeting the criteria outlined above, mobile structures, utility connections, and other such facilities of insignificant magnitude will be situated on disturbed lands and operated under the applicable regulatory requirements, but will not require regulatory approval. Plans for all proposed support facilities meeting the criteria outlined above will be submitted to the Office of Surface Mining Reclamation and Enforcement (OSM) for prior approval per 30 CFR § 780.38.

All support facilities are designed, constructed, and maintained in a manner to minimize adverse environmental impacts, and comply with Mine Safety and Health Administration (MSHA) safety and health standards. Surface runoff from disturbed areas is either retained in sediment ponds or controlled to comply with effluent limitations. The locations of the mine support facilities are presented on Exhibit 22-1 and described on Table 22-1.

Construction of the support facilities could commence following permit approval. Unless otherwise noted, support facilities will remain in place throughout the life of the operation. Acres of disturbance associated with the support facilities and phase of mining are discussed in Section 50 (Bonding). Reclamation of the facilities described will be conducted according to the procedures described in Section 32 (Temporary Structures and Facilities Removal and Reclamation) and Section 33 (Post-Reclamation Roads, Building, Facilities, and Other Structures).

22.1 Existing Support Facilities and Structures

Navajo Transitional Energy Company (NTEC) does not plan on using any existing structures to facilitate the mining and reclamation operations at NNP.

22.2 Coal Handling Facilities

22.2.1 Coal Transportation Facilities

Coal transport from the pit to field stockpile locations will be accomplished with haulage trucks as discussed in Section 20 (Mining Operations). No other coal transportation facilities are included with the NNP at this time.

22.2.2 Coal Preparation, Processing, and Loadout Facilities

No new coal preparation, processing or load-out facilities are planned with the No Name Mine Plan at this time.

22.2.3 Coal Stockpiles

No new coal stockpiles are planned with the No Name Mine Plan at this time.

22.3 Buildings and Support Facility Areas

The main support facility for the No Name Mine Plan operations is the existing Area 3 support facility. This facility is addressed in the Navajo Mine PAP. Refer to Section 22.2.1 and Exhibit 22-2 of the Navajo Mine PAP for more detailed information and the location of the facility.

22.4 Water, Sewage, and Other Utility Facilities

The irrigation water supply to the No Name Mine Plan operations may be from an extension of the existing irrigation pipeline at Navajo Mine. The existing pipeline terminates near the south end of the Dixon Haulroad. This waterline may be extended to the No Name permit area at a future date prior to beginning irrigation and revegetation for No Name Mine Plan reclamation.

22.5 Pipelines, Electrical Lines, and Communications Facilities

Pipelines

Refer to Section 22.4 regarding water supply pipelines. There are no other pipelines planned with the No Name Mine Plan.

Electric Power Lines

There are no electric power lines planned with the No Name Mine Plan at this time.

Communication Facility

The mine communication system will use a microwave-based radio and telephone system.

22.6 Exploration Holes, Boreholes, Wells, and Other Underground Openings

Exploration and Geotechnical Holes

NTEC will periodically conduct development drilling and sampling within the permit area to delineate and characterize coal, overburden, interburden materials, and hydrologic conditions or to perform geotechnical evaluations in both active and future mining areas. Drilling and sampling are the primary means of determining the depth, thickness, physical and chemical characteristics, and degree of hydrologic saturation of the geologic materials to be disturbed or otherwise affected by mining. Although each drilling program may involve a different area and slightly different objectives, all will generally involve similar activities, including:

- Establishment of staging areas (for temporary storage of drilling equipment and supplies)
- Construction of temporary roads
- Drilling, sampling, and geophysical surveying of completed drill holes
- Subsequent reclamation of all disturbance outside of the five-year affected lands area

When the need for additional drilling arises, a drilling plan will be developed. Its content will consist of: number of holes, locations, drill depths, access routes, and reclamation of the drill sites.

Given that exploration activities may occur at the same time and in proximity to ongoing surface mining operations, the drilling activities will be managed in a manner that will minimize harm to the environment, cultural resources, wildlife, and livestock; and ensure safe operations. These measures may include but are not limited to fences, barricades, or other approved protective devices.

All drilling activities conducted for exploration or installation of monitoring wells will adhere to the following criteria:

- Drilling will be conducted with air or air-water mist whenever practicable to minimize the use of drilling mud
- Drilling sites and associated access roads will be located in a manner to minimize disturbance and impacts to environmental resources
- Minimal excavation and/or site preparation may be required at drill sites including grading to provide a safe, level working location and construction of mud pits (when wet drilling is required)
- In the event a mud pit is required, a maximum of 12 inches of soil material will be stockpiled immediately adjacent to the mud pit and the mud pit will be excavated the required depth with excavated soil stockpiled adjacent to the mud pit. The extent of the mud pit will be kept to the practical minimum
- Before reclamation activities, collected wet cuttings and/or drilling mud will be allowed to dry before being covered with the excavated material and replacement of any stockpiled soil

Sealing and reclamation of exploration holes, bore holes, wells, and other underground openings are discussed in Section 32 (Temporary Structures and Facilities Removal and Reclamation) and Section 40 (Environmental Protection).

Wells

Monitoring wells have been installed to assess the potential impacts to ground water; refer to Section 42 (Monitoring, Maintenance, Inspections, and Examinations) for the monitoring plan and details.

22.7 Other Structures and Facilities

22.7.1 Explosives Handling and Storage Facilities

There are no explosives handling and storage facilities planned with the No Name Mine Plan at this time.

22.7.2 Noncoal Mine Waste Storage Areas

Noncoal mine waste will be transported off-site to a landfill. NTEC transports its petroleum contaminated soils off-site to a certified land farm.

22.7.3 Air and Water Pollution Control Facilities

Water pollution control facilities consist of sediment ponds and drainage control structures, discussed in Section 25 (Sediment Control Plan) and Section 26 (Drainage Control Plan) of this permit application package. Monitoring, maintenance, and inspection of the water pollution control facilities are discussed in Section 42 (Monitoring, Maintenance, Inspection, and Examinations).

Air pollution control facilities and procedures are discussed in Section 9 Compliance with Health and Safety Standards and Section 40 Environmental Protection. Monitoring, maintenance, and inspection of the air pollution control facilities are discussed in Section 42 (Monitoring, Maintenance, Inspection, and Examinations).

22.8 Overburden Stockpiles

There will be no overburden stockpiles in the permit area at this time.

22.9 Soil Stockpiles

Topdressing stockpiles are managed in a manner to minimize wind and water erosion, and to avoid sources of contamination. A perimeter berm and/or surface water control structures are constructed around the stockpiles to minimize loss and contamination from water erosion. To minimize loss from water and wind erosion, the stockpile surfaces will be stabilized by mulching and seeding. Topdressing stockpiles that will remain undisturbed for longer than six months will be mulched and those that will be undisturbed for one year or longer will be seeded and mulched during the next appropriate seeding period. Refer to Section 25

Sediment Control Plan for more information on stabilizing stockpile surfaces. After a stockpile is depleted, if appropriate, the stockpile area will be left with adequate topdressing so that it may also be reclaimed. All stockpiles are clearly marked so that other mining activities do not inadvertently disturb or contaminate them. The berms and ditches are inspected on a routine basis and repaired as needed.

The typical berm and/or ditch shown on Figure 22-2 will be used on stockpiles that have other surface drainage controls downstream, such as sediment ponds, impoundments, or the mining pit. It will not be used on the stockpiles where there would be potential for a discharge to occur onto an undisturbed area, reclaimed area, or off the permit area. A site-specific design certified by a professional engineer will be submitted for approval if such is the case.

During periods of haulage either into or out of a topdressing stockpile, the perimeter berm will be breached to allow for equipment access. When the haulage has been completed the perimeter berm will be reconstructed.

Topdressing is not removed from stockpiles until required for redistribution on graded areas. However, stockpiles may be relocated to facilitate mining and/or reclamation. Information on the volume of relocated topdressing will be provided to OSM prior to and upon completion of the relocation. Changes or revisions to the permit necessitated by topdressing stockpile relocations will also be submitted to OSM. The topsoil removed is stockpiled only when it is impractical to promptly redistribute on graded areas.

During the initial mining phase, three topdressing stockpiles will have no other sediment or drainage control structures downstream of their locations. Therefore, site-specific designs have been developed for topdressing stockpiles. The stockpile locations are presented on Exhibit 22-1. Refer to Section 26 for drainage control plan and designs.

The approximate capacities of the topdressing stockpiles are presented on Table 22-2. Refer to Section 36 Post-Reclamation Soil for information on the removal and reclamation of stockpile areas.

22.10 Information Collection and Analysis

Certified drawings are available for review upon request at the Navajo Mine office.

References

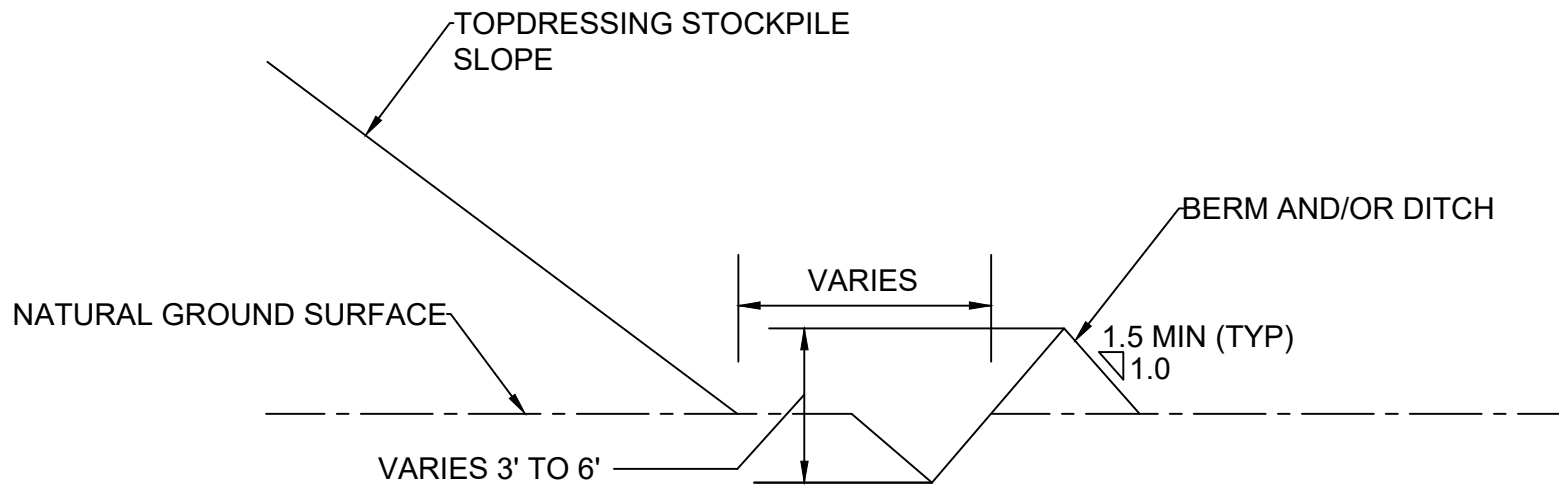
BHP Navajo Coal Company. 2009. Navajo Mine Permit Application Package. OSM Permit No. NM0003F. On file with the Office of Surface Mining Reclamation and Enforcement- Western Region Technical Office. Denver, Colorado.

Table 22-1 No Name Support Facilities

Facility ID	Use, construction, operation and maintenance	Design drawings	Construction date	Removal or reclamation date	Removal and reclamation plan
Topdressing Stockpile TDS 1	See Section 22.9	Exhibit 22-1	See Table 22-2	See Table 22-2	See Section 36.2.3.3

Table 22-2 No Name Project Topdressing Stockpiles

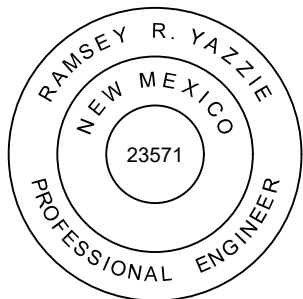
Stockpile ID	Soil type	Capacity (cubic yards)	Construction date	Removal or reclamation date
Topdressing Stockpile TDS 1	Topdressing	1,679,200	TBD	TBD



TOPDRESSING STOCKPILE BERM TYPICAL SECTION NTS

Certification Statement

I, Ramsey Yazzie, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.



NOTES:

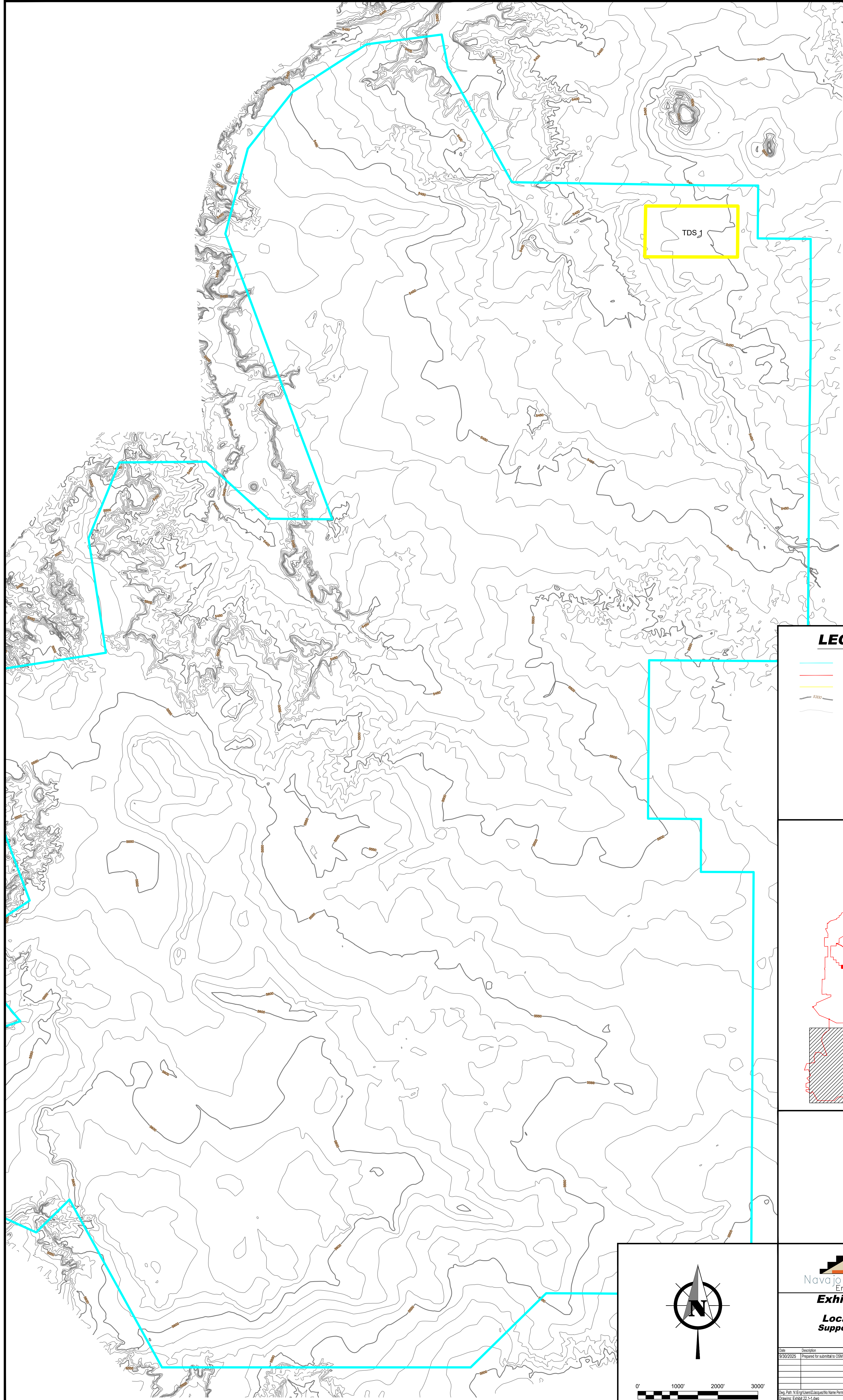
1. THE TYPICAL BERM AND/OR DITCH SHOWN WILL BE USED AROUND ONLY THE TOPDRESSING STOCKPILES HAVING OTHER DRAINAGE OR SEDIMENT CONTROLS DOWNSTREAM, SUCH AS SEDIMENT PONDS, IMPOUNDMENTS OR THE MINING PIT. IT WILL NOT BE USED IF THE STOCKPILE IS LOCATED NEAR THE PERMIT BOUNDARY OR WHERE THERE IS A POTENTIAL FOR A DISCHARGE TO OCCUR OFF THE PERMIT AREA OR ONTO A RECLAIMED AREA. FOR THE LATTER CASE A SITE SPECIFIC DESIGN WILL BE SUBMITTED FOR APPROVAL.

Figure 22-1
TOPDRESSING STOCKPILE BERM TYPICAL SECTION

Date	Description	Drafted By:
8/5/2025	Figure 22.9-1	AE
Dwg. Path: N:\Engr\RECLAMATION\Jacquez\No Name Permit Application Package\Secondary\Section 22 Support Facilities (Keith)\Figure 22 Figures\Topdressing Stockpile.dwg		Revision
Drawing: Topdressing Stockpile.dwg		
Layout: Layout2		
Plot Date: Tuesday, August 5, 2025 3:41:37 PM		

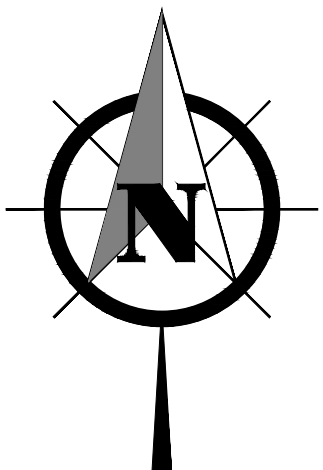
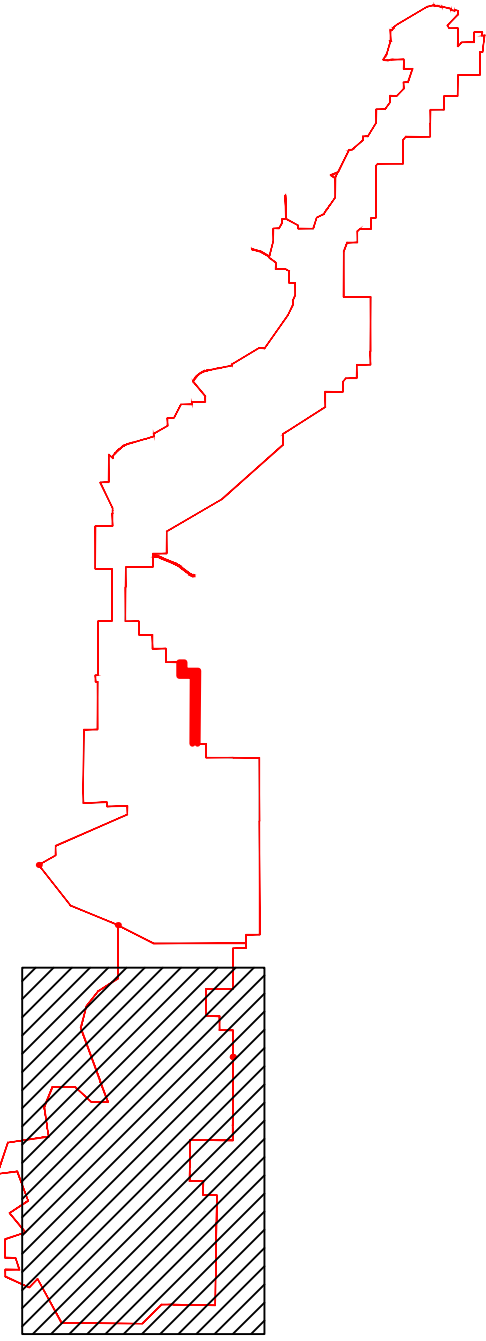


Navajo Transitional
Energy Company



LEGEND

- NO NAME PERMIT BOUNDARY
- NTEC LEASE BOUNDARY
- TOPSOIL STOCKPILE
- INDEX CONTOUR
- INTERMEDIATE CONTOUR



0' 1000' 2000' 3000'

Scale: 1" = 1,000'



Exhibit 22-1

**Location Map
Support Facilities**

Date	Description	Drafted By:
9/30/2025	Prepared for submittal to GSM.	CU
Draw Path: N:\Erg\Users\G\casque\No Name Permit Application Package\Section 22 Support Facilities\Working		
Drawing: Exhibit 22-1.dwg		
Layout: Sheet D-P		
Plot Date: Friday, August 15, 2025 9:26:13 AM		
		Revision