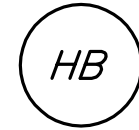
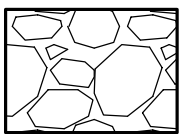


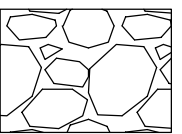
SURFACE ROUGHENING WITH HYDRO SEEDING AND HYDRO MULCHING BETWEEN SEPTEMBER 15 TO APRIL 15 (BOUNDARY IS TOE AND TOP OF SLOPE) (TO CONFORM TO EXISTING SLOPES)



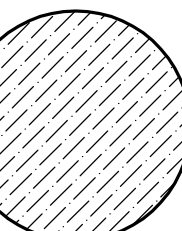
HAND BROADCAST SEED TO STRENGTHEN GROWTH DENSITY OF EXISTING



RIP RAP EROSION PROTECTION - TO BE MAINTAINED



RIP RAP EROSION PROTECTION - TO BE PROVIDED ON SLOPE IN FLOW LINE (5' WIDE) ERODED AREAS WITH MIRAFI 140N FILTER FABRIC UNDER RIP RAP (d50=12")



REGRADE ALL BARE SURFACES WITHIN THIS BOUNDED AREA TO REMOVE ALL SIGNS OF EROSION. PROVIDE SURFACE ROUGHENING AND MICROPOCKETING TO HOLD SEED, AMENDMENTS AND MULCH. APPLY PROGANICS BIOTIC SOIL MEDIA PER TRITON ENVIRONMENTAL, APPLY 60% OF SEED DENSITY VIA BROADCASTING DIRECTLY TO THE SOIL. MIX ALL AMENDMENTS IN A HYDRO SEEDER TOGETHER WITH THE REMAINING SEED AND APPLY AT RATES PER TRITON ENVIRONMENTAL (BASED ON SOIL TESTING). TOP OFF WITH ECO-FLEX FMG HYDRO MULCH OR FIBER MULCHING AS APPLICABLE)



RETENTION POND - TO BE MAINTAINED BY REMOVING EXCESS SILT/DEBRIS



PROVIDE STRAW WADDLES (DETERMINED PER SLOPE) IN FLOWLINE OF DRAINAGE COURSE AFTER EROSION REPAIRED, SEED ADDED, AMENDMENTS AND MULCH IS ADDED



TERRACE REPAIR (REGRADE) OF EXISTING CORRUGATIONS AND EROSION ON HILLSIDE. PROVIDE MICRO-POCKETING/RETENTION OF SLOPE FOLLOWED BY HYDRO SEEDING GENERIC SEED MIX, AMENDMENT APPLICATION AND HYDRO MULCHING

Applicaton Method Table			
SURFACE ROUGHENING/TILLING		SEED SPREADING	
CHISEL PLOWING	0.28 AC.	HAND BROADCAST	0.17 AC.
HAND RAKING	0.17 AC.	DRILL SEEDING	0 AC.
MICRO POCKETING	0.57 AC.	HYDRO SEEDING	0.85 AC.
FERTILIZER SPREADING		MULCH SPREADING	
HAND SPREADERS	0 AC.	HYDRO MULCHING	0.85 AC.
HYDRO SPREADING	1.02 AC.	FIBER MULCHING	0.17 AC.

GENERIC SEED MIX

COMMON NAME	SCIENTIFIC NAME	LBS PLS/ACRE
"EGAN" AMERICAN SLOUGHGRASS	BECKMANNIA SYZIGACHNE	2.4 (WET AREAS, OMIT IF NOT NEEDED)
"PALOMA" INDIAN RICEGRASS	ACHNATHERUM HYMENOIDES	2.0
"SECAR" BLUEBUNCH WHEATGRASS	PSEUDOROEGNERIA SPICATA	3.3
"BARTON" WESTERN WHEATGRASS	PASCOPIRUM SMITHII	5.8
GALLETA GRASS	HILARIA JAMESII	4.2
"SALADO" ALKALI SACATON	SPOROBOLUS AIROIDES	1.6
"HATCH" WINTERFAT	KRASCHENINNIKOVIA LANATA	0.4
RABBIT BRUSH	ERICAMERIA NAUSEOSA	0.3
TRITICALE	TRITICALE HEXAPLOIDE	5.0
		25

SEEDING RATE ABOVE TO BE DOUBLED AS A RESULT OF NO DRILL SEEDING REQUIRED.

SOIL TREATMENT (PER ACRE) TO BE 4,000 LBS OF TRIGANICS, 2,000 LBS OF SULPHUR, 3,000 LBS OF RICHLAWN 3-6-3 WITH MYCORRHIZA AND HUMATES, 2 GALLONS PER ACRE OF QUANTUM GROWTH LIGHT AND 2 GALLONS PER ACRE OF QUANTUM GROWTH VSC. PROVIDE ECO-FLEX AT 3,500 LBS PER ACRE TO PROVIDE EROSION CONTROL AND AMENDMENT COVER ON SLOPES AND PROVIDE A WOOD CELLULOUS FIBER MULCH ON FLAT AREAS.

NOTE:
STRAW WADDLE PLACEMENT AND INLET PROTECTION TO BE PER APPLICABLE DETAIL OF CDOT STD PLAN M-208-1 (SHEET 2 AND 3 OF 12), ATTACHED

Preliminary
for Review



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Nolte Pit #1
Puckett Land Company

#	Revision	Date	By
1	ADDED BMPs PER DRMS LETTER OF 3/15/18	4/5/18	JSS
2	ADDED RIP RAP DETAIL, TABLE AND MADE TABLE REVISIONS	4/19/18	JSS

Reclamation Plan Update
for 2018

Job No.	2009-115.002
Drawn by:	EKS
Date:	March 2, 2018
QC:	RLM PE: JSS
File:	030218 Nolte Pit Reclamation Plan