

# Kincade Law Office

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March 21, 2014

Benjamin Jones  
Chief Counsel  
ADEQ  
5301 Northshore Drive  
North Little Rock, AR 72118

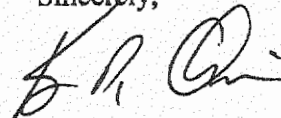
AFIN: 03-00208  
Pmt #: 0022-SWTP  
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SCAN ☒ MAR 24 2014  
Doc ID#: 65702  
To: B. J. Jones S  
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Re: Tires

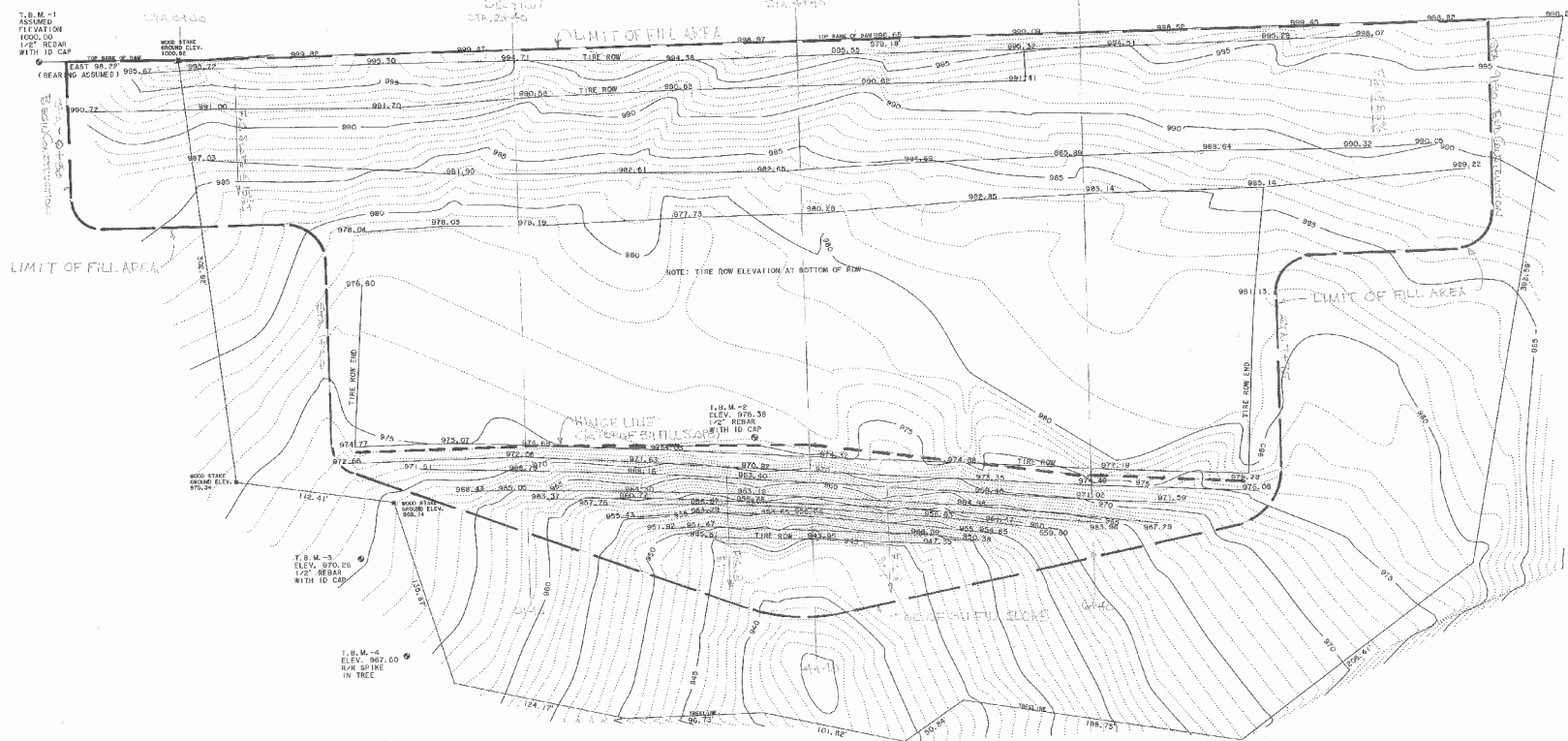
Dear Mr. Jones:

Enclosed please find plans prepared by Nelson Engineering that Kenny Treat picked up today in Harrison. Once you have had a chance to review them, I would suggest we have a meeting.

Sincerely,



Kerry D. Chism



# IMPROVEMENT PLAN FOR DOWNSTREAM FACE OF EXISTING DAM SHOWING ROWS OF EXISTING BALED FILL, CONTOURS, AND TILLAGE SLOPES (FOR PLACEMENT OF TIRE BALES AND FILL SEE SHEET 21104)

TOPOGRAPHIC SURVEY  
LOCATED IN A PART OF SECTION 33,  
TOWNSHIP 21 NORTH RANGE 15 WEST  
BAXTER COUNTY, ARKANSAS

SURVEY FOR: KENNY TREAT  
DATE: SEPTEMBER 23, 2013

## SEED SPECIFICATIONS:

ALL DISTURBED AREAS NOT IMPOUNDED SHALL BE SEEDING TO PROVIDE A GOOD STAND OF GRASS TO RESIST EROSION AS SPECIFIED BELOW:

1. REMOVE LARGER ROCKS AND DEBRIS FROM ALL AREAS STRIPPED OF VEGETATION.
2. SPREAD TOPSOIL UNIFORMLY OVER THE DISTURBED AREAS.
3. APPLY LIME AND FERTILIZER AT RATES RECOMMENDED BY SOIL TESTS. SPREAD EVENLY AND INCORPORATE INTO THE TOPSOIL WITH A DISK, PLOW, OR TILLER.
4. SOW SEED MECHANICALLY WITHIN 24 HOURS OF PLACEMENT OF LIME AND FERTILIZER. COVER SEEDS, LIGHTLY COMPACT, AND MULCH AS NECESSARY.

## NOTE:

A SATISFACTORY STAND OF VEGETATION SHALL BE PROVIDED ON ALL DISTURBED AREAS. AREAS NOT ADEQUATELY VEGETATED SHALL BE RESEED AS NECESSARY UNTIL A SATISFACTORY STAND, AS DETERMINED BY THE PROJECT INSPECTOR, IS OBTAINED. SEED SHALL CONSIST OF CROWN VETCH, FESCUE, AND GRASSES APPROVED BY THE OWNER.

## NOTES:

T.M. 1 TO T.M. 2  
S 61° 25' 30" E 571.67'  
T.M. 2 TO T.M. 3  
S 73° 50' 00" W 251.43'  
T.M. 1 TO T.M. 3  
S 34° 07' 58" E 420.21'  
T.M. 3 TO T.M. 4  
S 24° 19' 58" E 76.22'

## CONSTRUCTION SPECIFICATIONS:

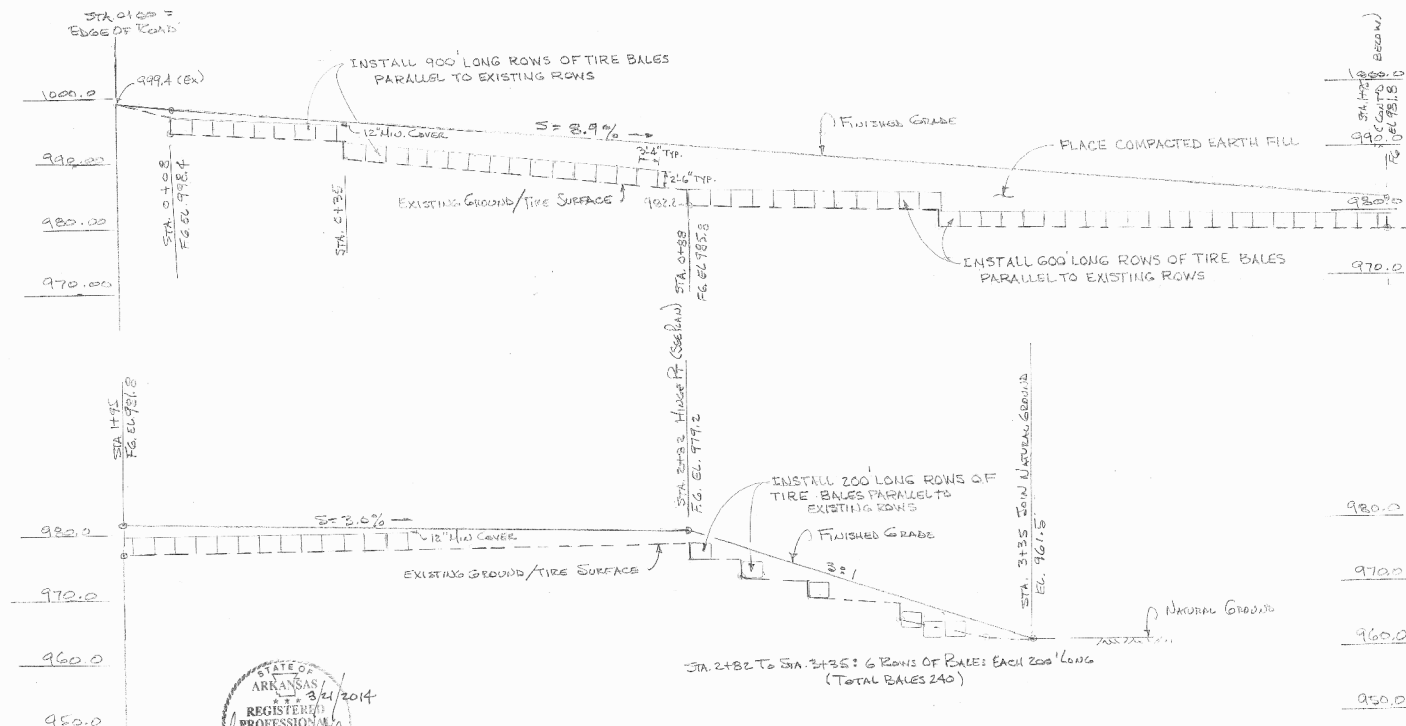
1. ALL INSTALLED BALES SHALL ABUT EXISTING BALES OR SHALL KEY INTO EXISTING SOILS.
2. BALES SHALL NOT BE STACKED DIRECTLY ON TOP OF OTHER BALES. THEY SHALL BE SEPARATED BY AT LEAST 6 INCHES WITH GRADED AND COMPACTED CLAY SOIL.
3. BALES SHALL BE TIGHTLY ABUTTED TOGETHER AS SHOWN ON THE DRAWINGS. THEY SHALL BE WALKED AND VIBRATED INTO PLACE WITH SEVERAL PASSES OF A BULLDOZER TO PREVENT DAMAGE TO WIRE BANDING.
4. A MINIMUM OF 12 INCHES OF CLAY COVER SHALL BE PROVIDED OVER THE COMPLETED BALES.
5. A MINIMUM COMPLETED SURFACE SLOPE OF 3% (3/100) SHALL BE PROVIDED FOR POSITIVE SLOPE DRAINAGE TO PREVENT PONDING ON THE SUBGRADE.
6. FILL SOILS SHALL BE CLAY TYPE SOILS TAKEN FROM ON-SITE BORROW AREAS, AND SHALL BE FREE OF BRUSH, ROOTS, AND FROZEN MATERIAL.
7. THE DESIGN IS FOR 12,220 BALES, BUT ONLY 5,025 BALES ARE AVAILABLE ON-SITE. THE CONTRACTOR CAN SELECT WHICH BALES HE ELIMINATES, AND REPLACE THEM WITH COMPACTED EARTH FILL.
8. THE ENGINEER SHALL PROVIDE INSPECTION ON AN AS-NEEDED BASIS. UPON COMPLETION OF THE WORK HE SHALL CERTIFY THAT THE SITE IS CLEARED OF ALL STORED BALES AND THAT THE EARTH COVER AND SEEDING REQUIREMENTS HAVE BEEN COMPLIED WITH FOR THE STORAGE AND WORK AREAS.



NELSON ENGINEERING  
1801 Innsbrook Circle  
Harrison, AR 72601

**S Slater Surveying & Mapping**  
POST OFFICE BOX 70  
CASSVILLE, ARKANSAS 72636  
(870) 435-6006

Kenny Treat Dam  
Baxter County, Ar. 2/21/2014  
SHEET 1 OF 4

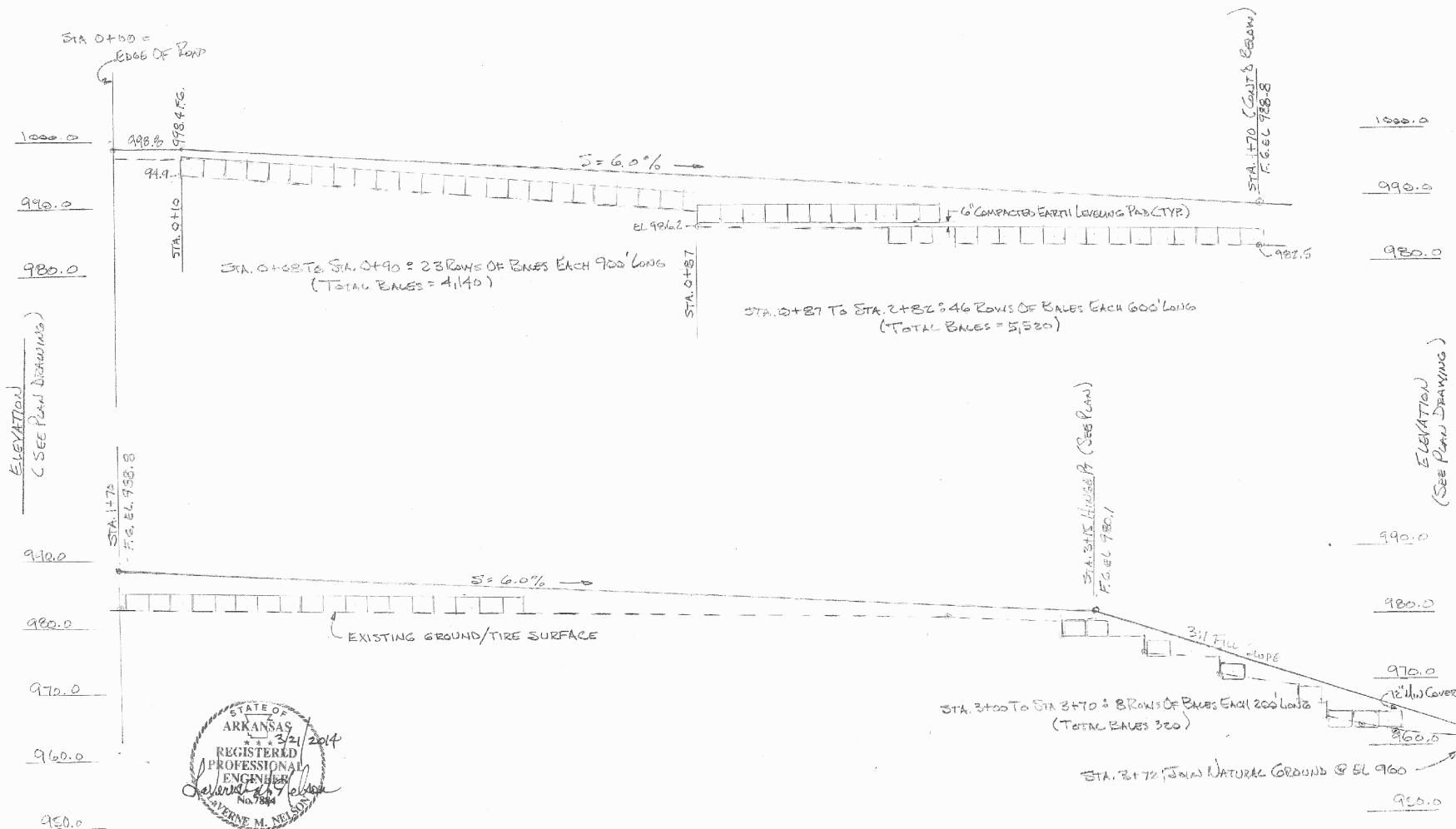


**NELSON ENGINEERING**  
1601 Innsbrook Circle  
Harrison, AR 72601

STA 2+40 Cross Section  
SHOWING BALED TIRE DISPOSAL & FILL COMPLETION  
SCALE: 1"=10'  
\* ALL BALES ARE 2'-6" HIGH, 3'-4" WIDE AND 5'-0" LONG

KENTON TREAT DAM  
BAXTER COUNTY, AR. 3/20/2014  
SHEET 2 OF 4





NELSON ENGINEERING  
1801 Innsbrook Circle  
Harrison, AR 72801

KENTON TREAT DAM  
BAXTER COUNTY, AR  
3/20/2014  
SHEET 4 OF 4