



**LEGEND**

- EXISTING OVERHEAD ELECTRICAL TOWER
- SPOT GROUND ELEVATION
- EXISTING PAVED ROAD
- EXISTING IMPAVED ROAD
- EXISTING FENCELINE
- EXISTING OVERHEAD ELECTRICAL TOWER
- LIMIT OF GYPSUM DISPOSAL AREA
- TOP OF GEOLOGIC BUFFER CONTOUR (FT)
- BOTTOM OF GEOLOGIC BUFFER CONTOUR (FT)
- FINISHED GRADE CONTOUR (FT)
- FINAL COVER CONTOUR (FT)
- INTERMEDIATE CONTOUR (FT)

**NOTES**

1. THE TOPOGRAPHIC MAP SCALE ON THIS DRAWING WAS DERIVED USING PHOTOGRAMMETRIC METHODS PERFORMED BY TVA BASED ON AN AERIAL PHOTOGRAPHY TAKEN IN NOVEMBER 1941. GROUND ELEVATIONS CORRESPOND TO TENNESSEE STATE ELEVATIONS. ELEVATIONS ARE IN FEET ABOVE SEA LEVEL. NATIONAL GEODESIC DATUM (NAD83) ELEVATIONS ARE IN FEET ABOVE SEA LEVEL.
2. CHECK WITH THE DRAWING REVISIONS INITIAL CONSTRUCTION OF EARTHEN SLURRY DAM ON THE WEST SIDE OF THE BUFFER CORRIDOR FOR PHASE II (CLAY) AND CENTRAL DRAINAGE CORRIDOR FOR PHASE II.
3. ALL SLOPE SLOPES ARE 3% UNLESS OTHERWISE NOTED.

NO.	DATE	BY	CHKD.	APP.	REVISION
10	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 1
11	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 2
12	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 3
13	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 4
14	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 5
15	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 6
16	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 7
17	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 8
18	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 9
19	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 10
20	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 11
21	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 12
22	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 13
23	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 14
24	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 15
25	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 16
26	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 17
27	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 18
28	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 19
29	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 20
30	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 21
31	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 22
32	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 23
33	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 24
34	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 25
35	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 26
36	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 27
37	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 28
38	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 29
39	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 30
40	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 31
41	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 32
42	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 33
43	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 34
44	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 35
45	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 36
46	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 37
47	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 38
48	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 39
49	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 40
50	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 41
51	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 42
52	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 43
53	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 44
54	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 45
55	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 46
56	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 47
57	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 48
58	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 49
59	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 50
60	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 51
61	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 52
62	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 53
63	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 54
64	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 55
65	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 56
66	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 57
67	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 58
68	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 59
69	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 60
70	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 61
71	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 62
72	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 63
73	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 64
74	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 65
75	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 66
76	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 67
77	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 68
78	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 69
79	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 70
80	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 71
81	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 72
82	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 73
83	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 74
84	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 75
85	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 76
86	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 77
87	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 78
88	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 79
89	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 80
90	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 81
91	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 82
92	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 83
93	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 84
94	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 85
95	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 86
96	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 87
97	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 88
98	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 89
99	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 90
100	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 91
101	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 92
102	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 93
103	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 94
104	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 95
105	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 96
106	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 97
107	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 98
108	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 99
109	MARCH 2008	J.T.S.	J.M.S.	J.E.P.	REV. 100

PHASE II TOP OF GEOLOGICAL BUFFER  
 COAL-COMBUSTION  
 BY-PRODUCT (GYPSUM)  
 DISPOSAL FACILITY

KINGSTON FOSSIL PLANT  
 TENNESSEE VALLEY AUTHORITY  
 FOSSIL AND HYDRO ENGINEERING

SCALE: 1" = 100'  
 EXCEPT AS NOTED

PLOT FACTOR: 1:1  
 DO NOT ALTER MANUALLY

GEOSYNTEC CONSULTANTS, INC.  
 TASK COMPLETED BY: [REDACTED]

REV. NO. 0

6-Z44M01 C 36 10W427-9

PHASE I  
 (51.24 ACRES)

PHASE II  
 (45.70 ACRES)

PROPOSED  
 BORROW AREA

LIMIT OF GYPSUM  
 DISPOSAL AREA