Discussion Topics

- Phase 2 Pre-Design Investigation
- Remedial Design Approach
- Remedial Design Schedule
- Consent Decree

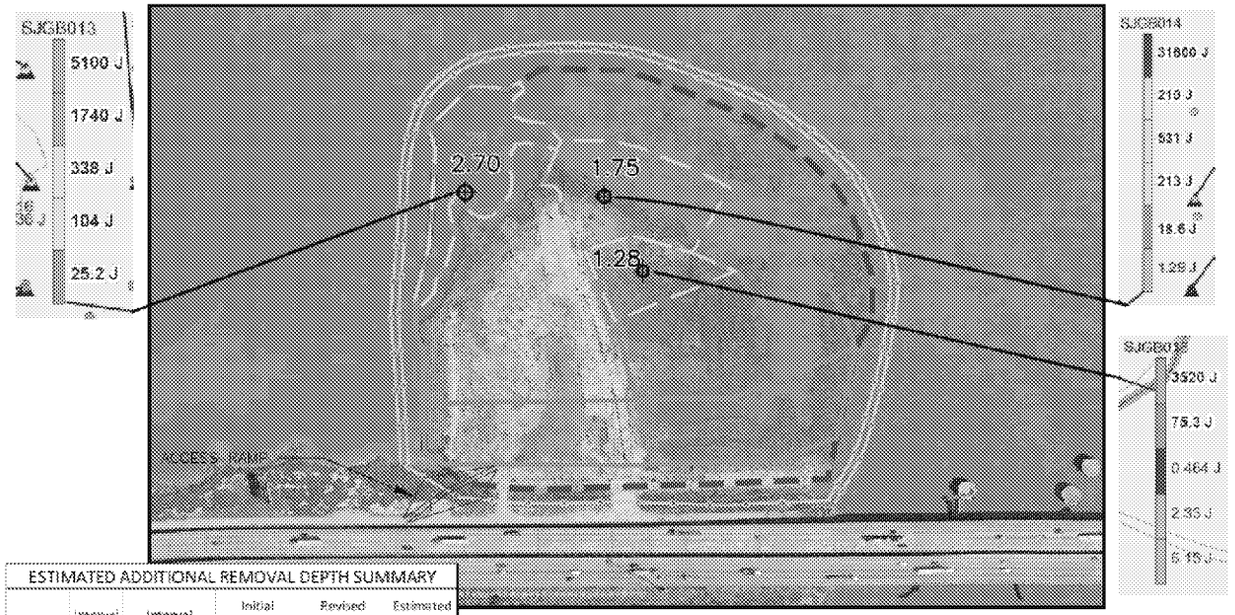
Phase 2 Pre-Design Investigation

- Collect geotechnical data from the Northern Impoundment
- Refine area and volume of material to be removed
- Water treatability approach
- Reuse of cap material

Delineation of Area Requiring Removal

Figure 35 - Selected Remedial Action (Alternative 6N)

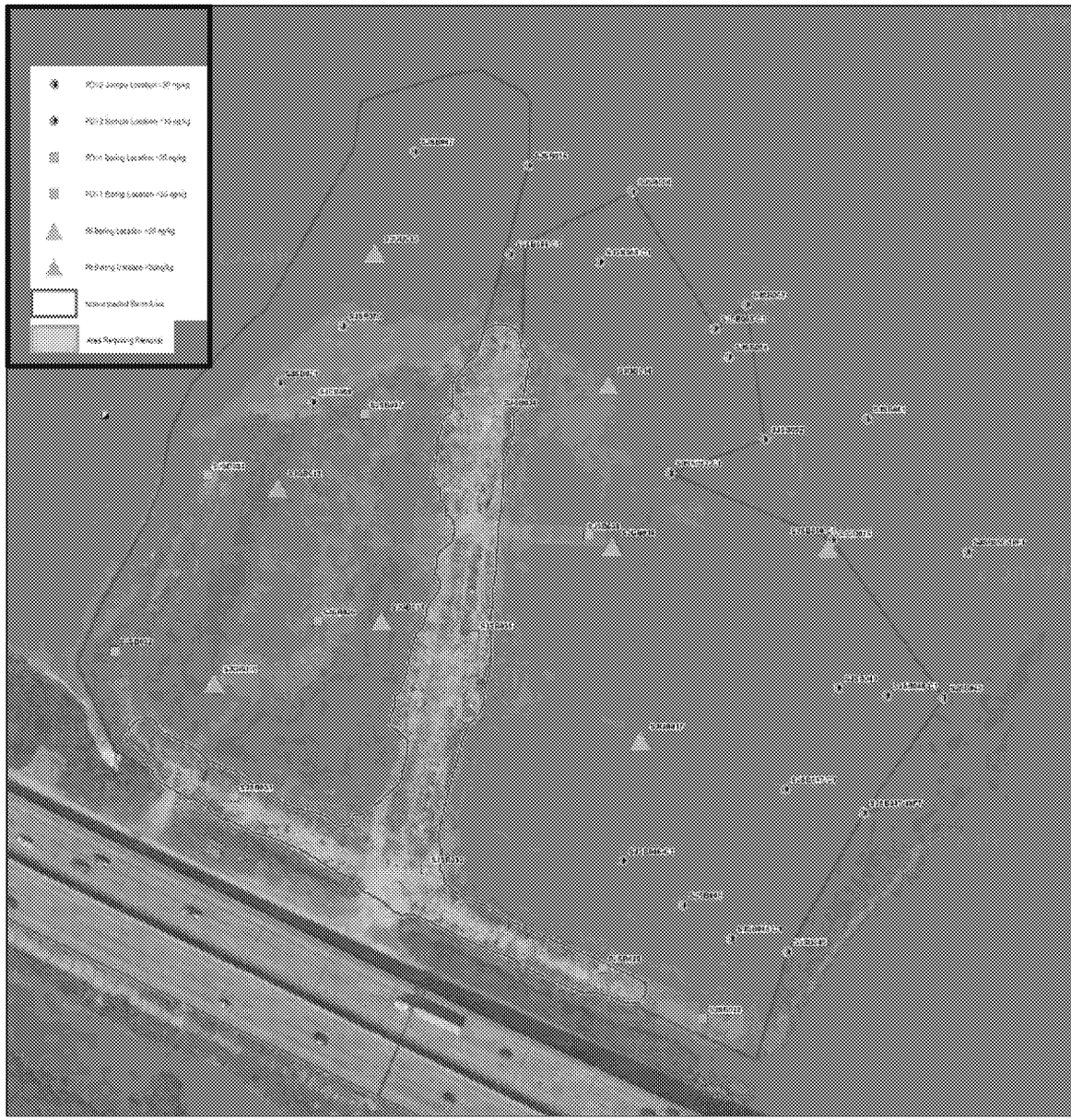
Cleanup Level: 30 ng/kg



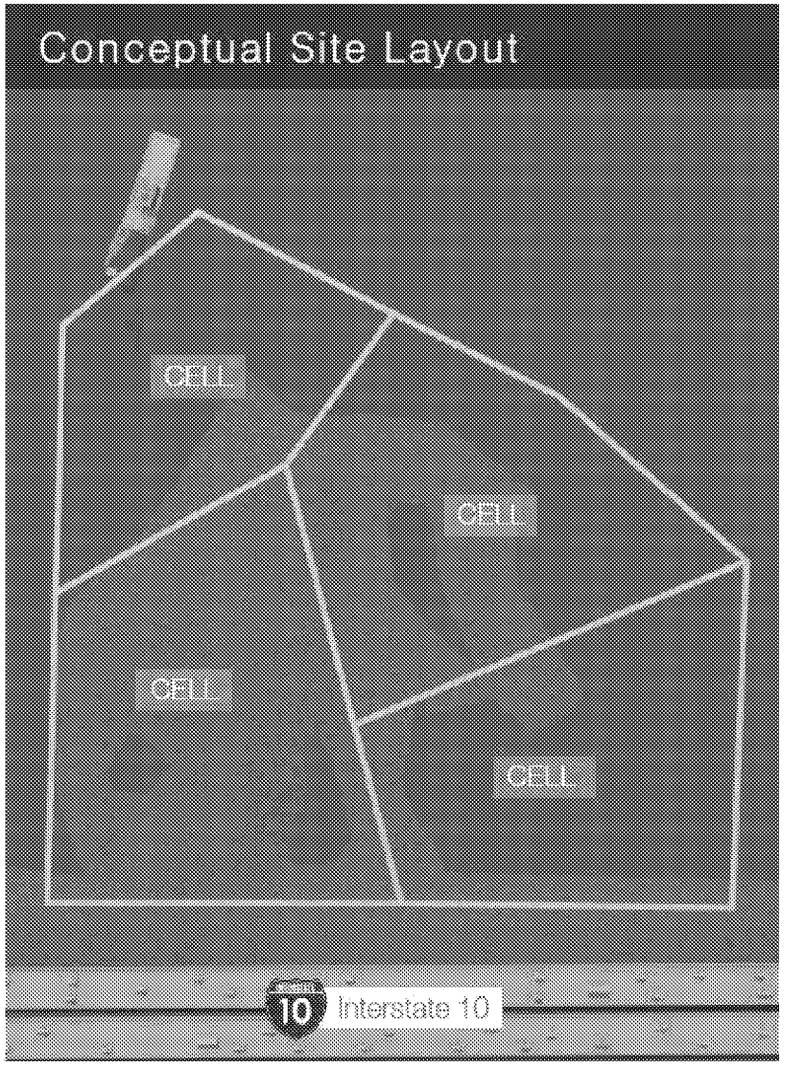
ESTIMATED ADDITIONAL REMOVAL DEPTH SUMMARY					
Boring	Interval Depth (ft bgs)	Interval concentration (ng/kg)	Initial Removal depth, to 200 ng/kg (ft bgs)	Revised Removal Depth, to 30 ng/kg (ft bgs)	Estimated Additional Removal Depth (ft)
SJGB013	5	338	6.18	8.88	**2.70**
	7	104			
	9	25.2			
SJGB014	7	213	7.13	8.88	**1.75**
	9	18.6			
SJGB016	1	3520	2.93	4.21	**1.28**
	3	75.3			
	5	0.464			

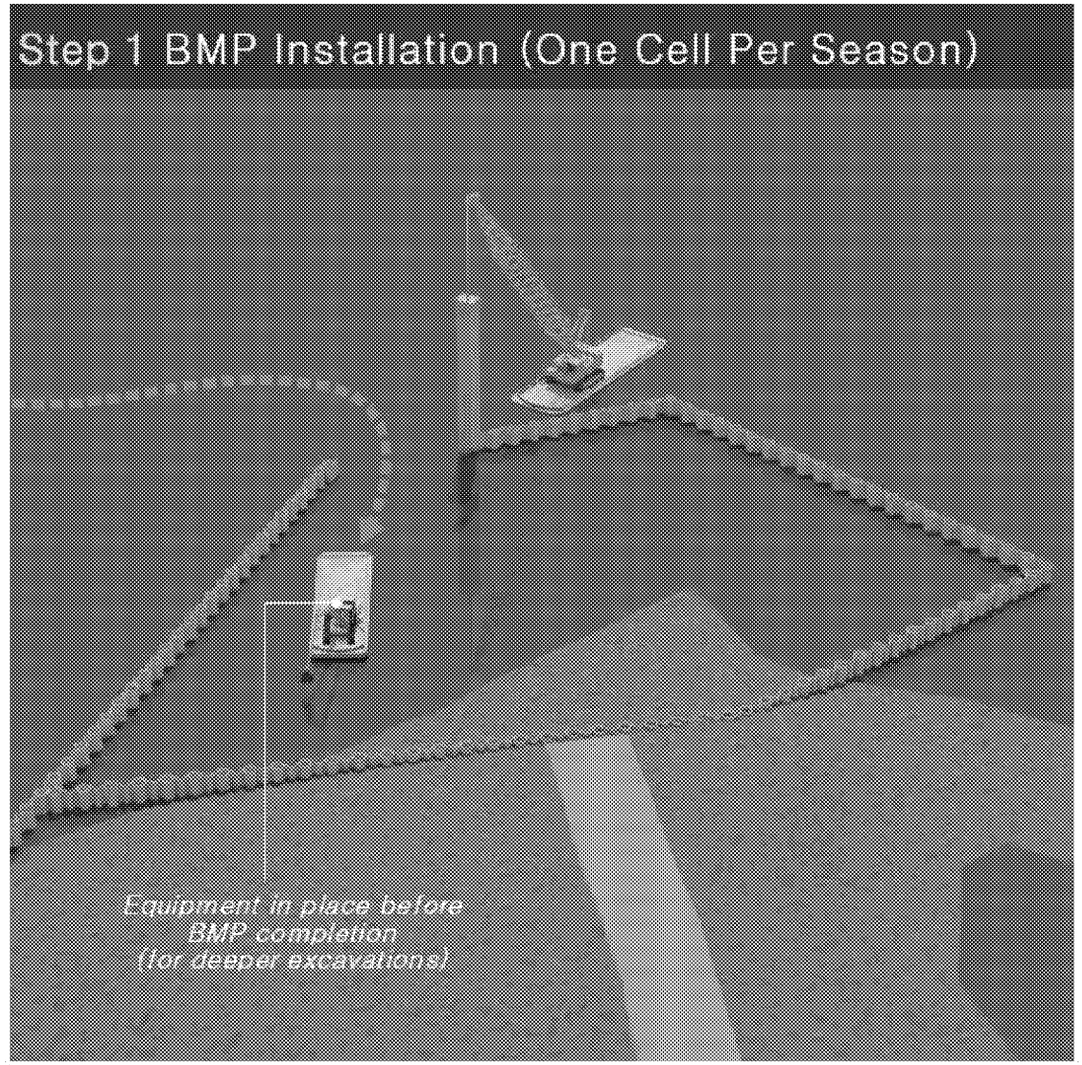
DOUBLE WALL COFFERDAM
SINGLE WALL COFFERDAM
ARMORED CAP EXTENTS
ORIGINAL TARGET EXCAVATION EXTENTS (FROM FS)
ORIGINAL TARGET EXCAVATION ELEVATION (FROM FS)
ESTIMATED ADDITIONAL REMOVAL EXTENTS
2.70 ESTIMATED ADDITIONAL REMOVAL DEPTH

0 500 1000 FEET



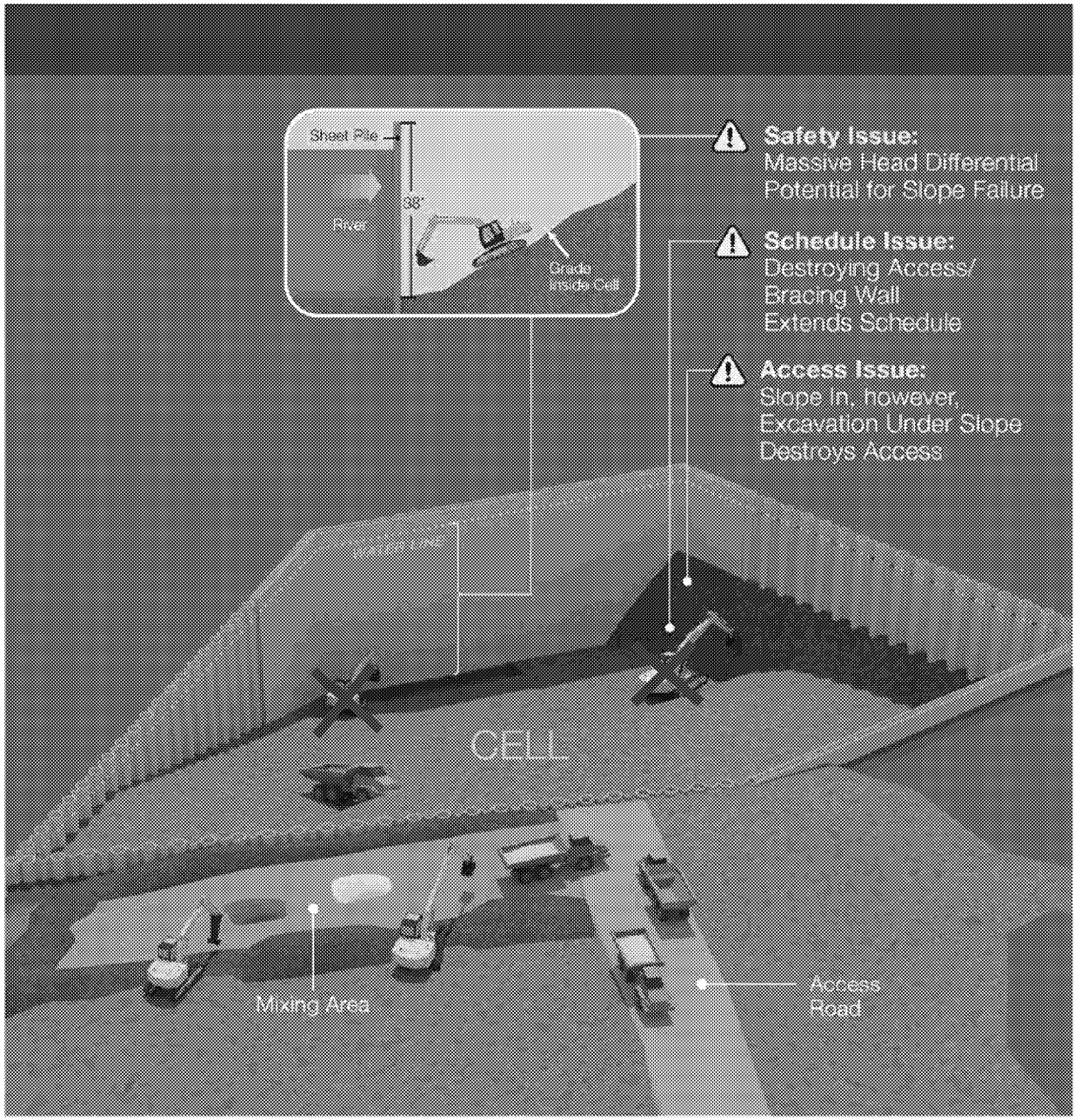
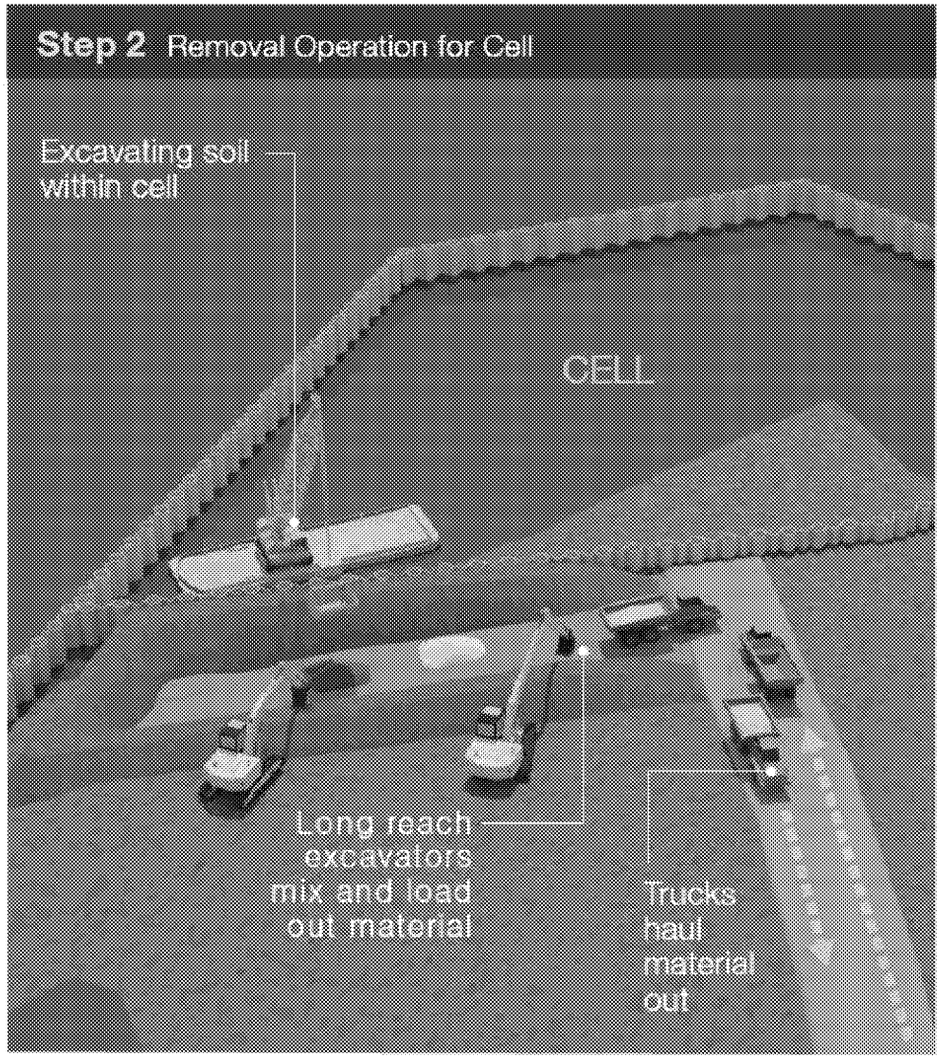
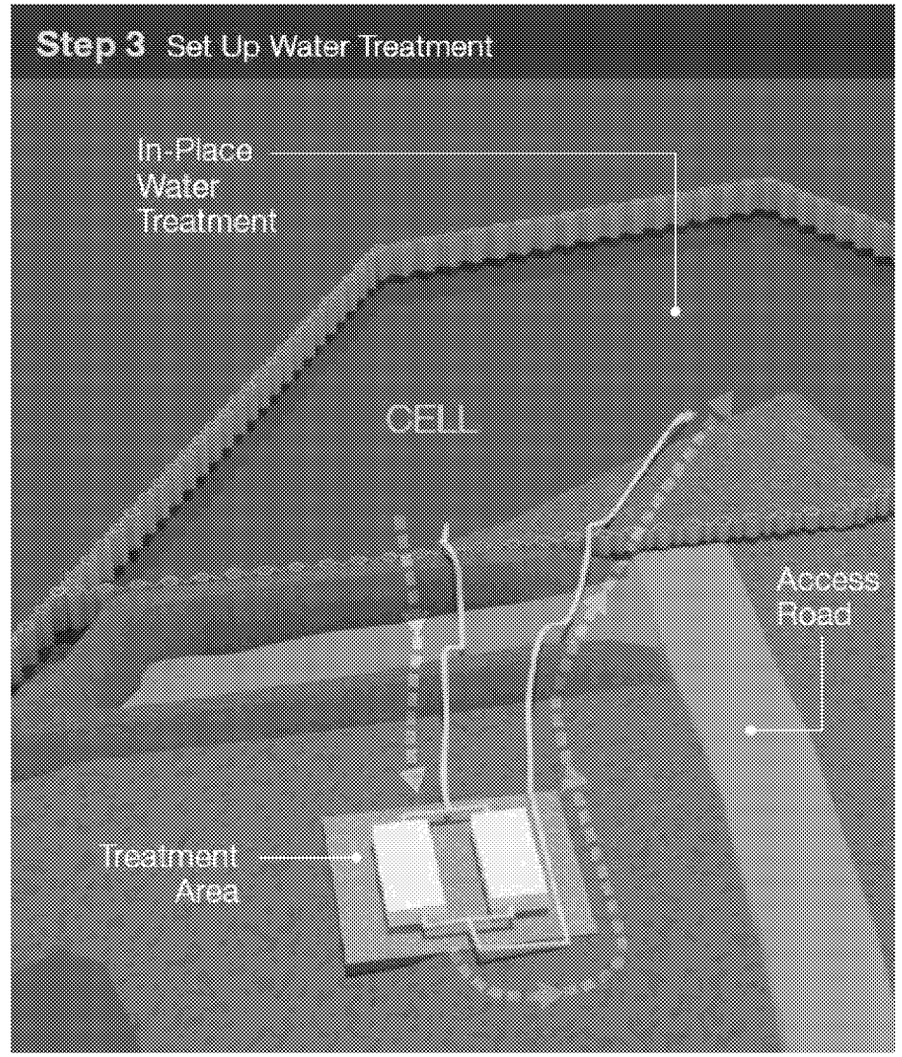
Conceptual Approach – BMP Alignment





Modifications for Deeper Excavations

- Safety issues
- Construction methods
- Schedule issues



Conceptual Approach for Deeper Excavations