4. CONCEPTUAL CLOSURE PLAN

4.1 Closure Overview

As previously discussed, ongoing CCR disposal in two of the existing CCR ponds at the WGS was discontinued. Ongoing wastewaster disposal will be discontinued as these two ponds are transitioned to an active closure process. The proposed closure for the two ponds includes excavation and removal of CCR materials for beneficial use. Groundwater monitoring will be performed in accordance with the DHEC-approved groundwater monitoring plan throughout the closure period.

4.1.1 Unit 2 Slurry Pond Closure

Excavation of materials from the Unit 2 Slurry Pond is underway and anticipated to be completed by early 2016. The excavated CCR material from the Unit 2 Slurry Pond is being beneficially used for closure of the CGS Class 2 landfill per DHEC-approval based on characterization of the waste as appropriate for disposal in a Class 2 landfill. In addition to CCR excavation, the existing berms and pond area will be regraded to promote stormwater runoff as sheet flow toward the Cooling Pond Intake Canal. In general, closure of the Unit 2 Slurry Pond will include the following steps:

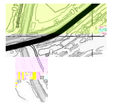
- Complete excavation and removal of CCR materials to facilitate closure of the CGS landfill per DHEC-approval; and

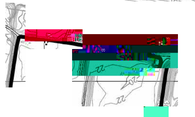
- Regrading of existing berms and pond area for future site industrial use.

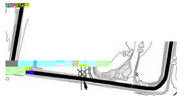
During the interim closure period, perimeter and intermediate dike roads and the roadways leading to and from the Unit 2 Slurry Pond must be kept in service to allow for truck access for CCR removal. The Unit 2 Slurry Pond will be graded to gravity drain to the southeast corner of the pond. A culvert or set of culverts will be installed in the intermediate dike to gravity drain the west cell to the east cell. Another culvert or set of culverts will be installed through the perimeter dike near the southeast corner of the pond to gravity drain to the Cooling Pond Intake Canal. CCR excavation will proceed from the outer extents of the pond so rim ditches can be graded at the outer extent. Rim ditches will ultimately drain to the culvert at the southeast corner. As CCR is removed from the pond from the outer extents toward the interior, verification sampling will be performed to ensure complete CCR removal as stipulated by DHEC. Clean fill will be placed in phases following removal of CCR material in portions of the

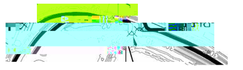
DRAWINGS

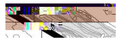
Pennyroyal Creek
Turkey Creek
N
SITE

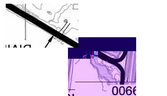


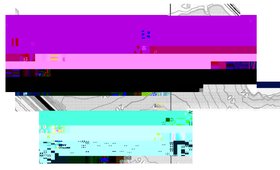


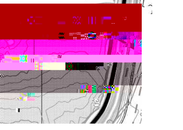




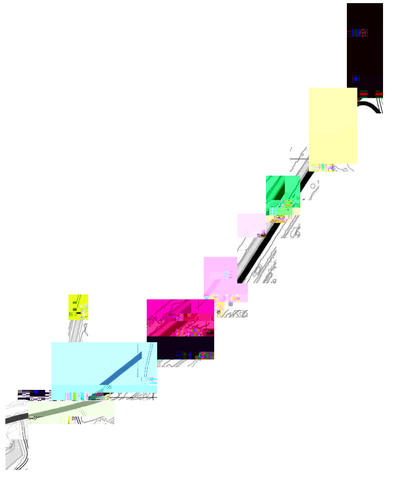


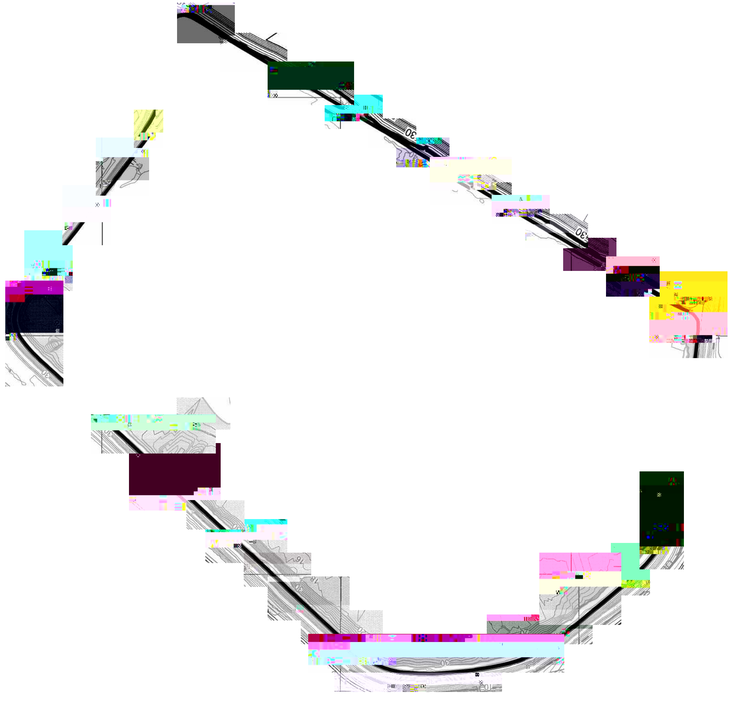




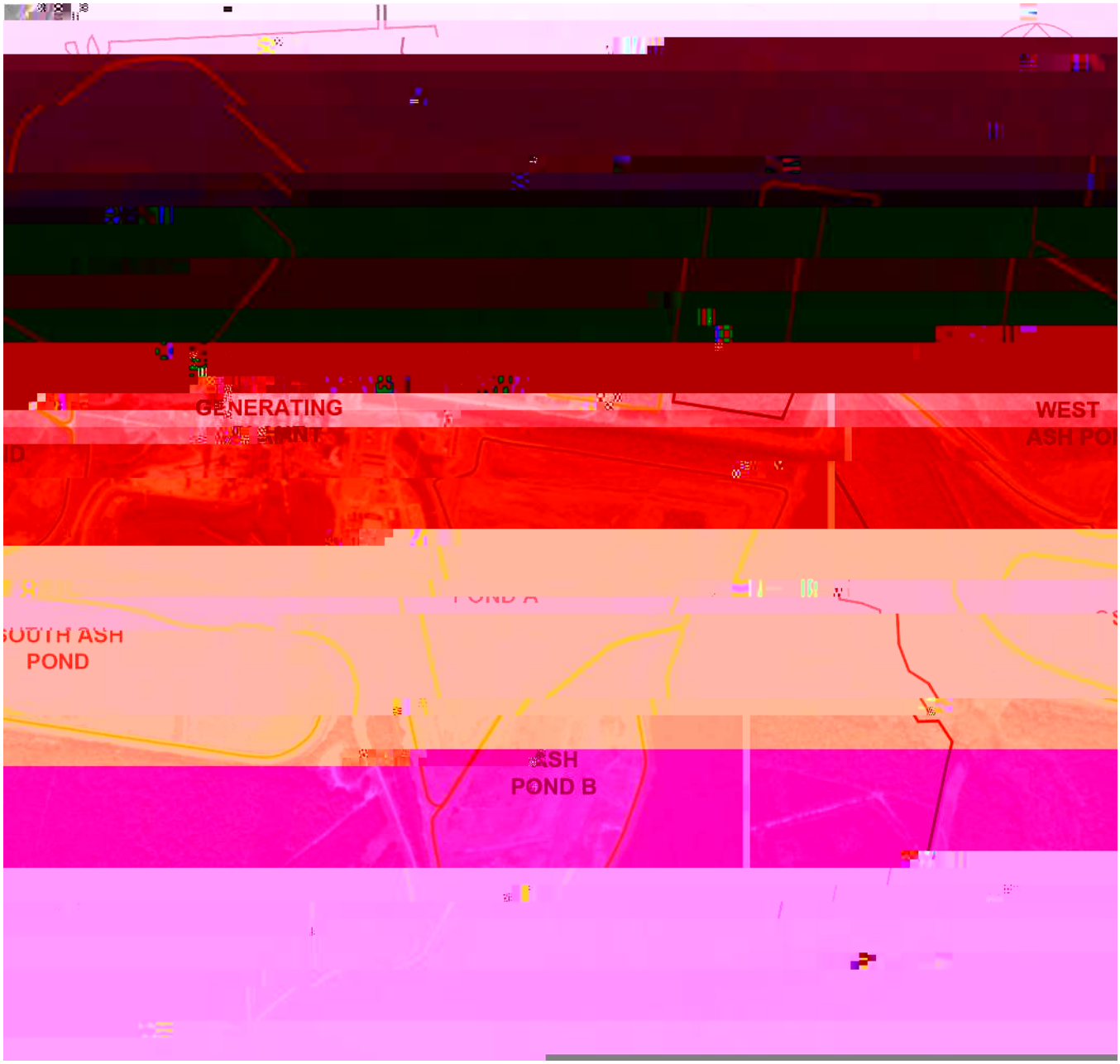


9900



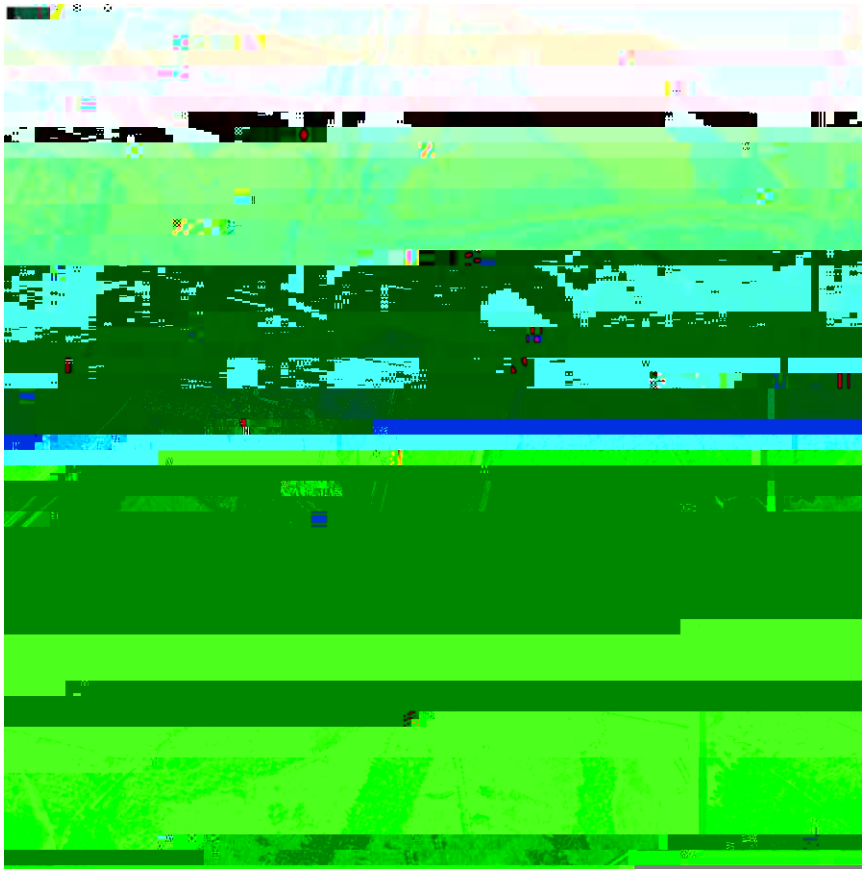


FIGURES

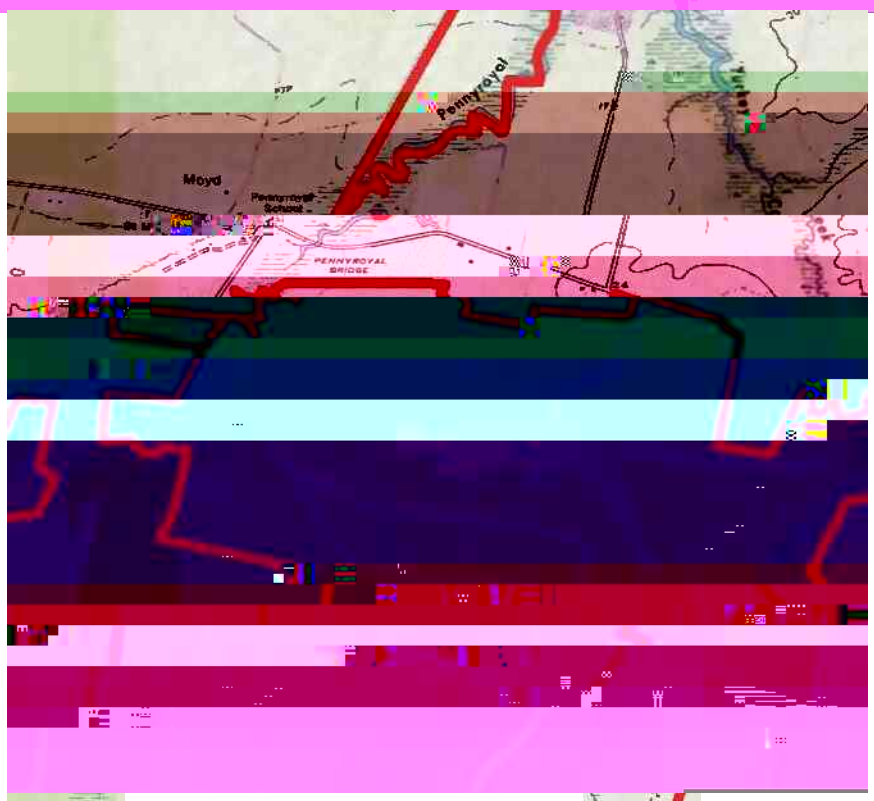

GENERATING
WEST
ASH POND B

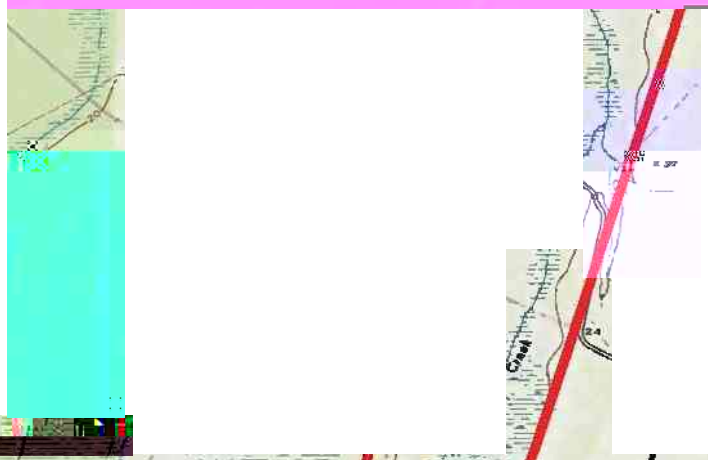
ATTACHMENT 2

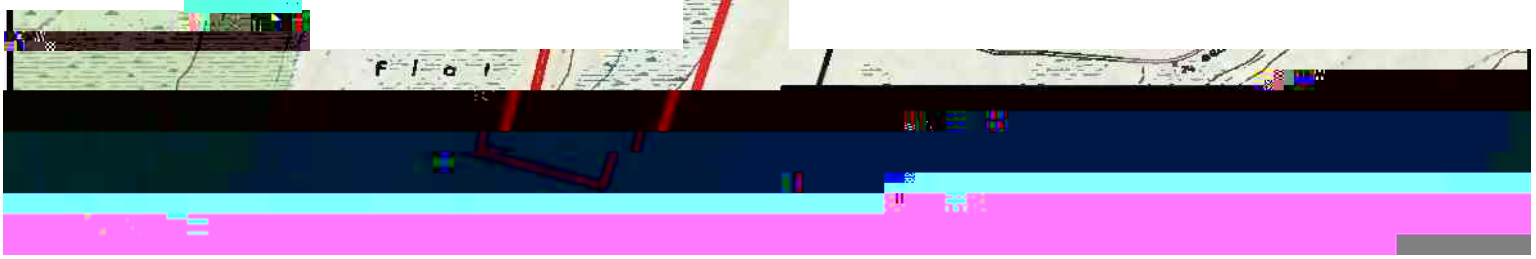
DHEC Form 1795 – West Ash Pond

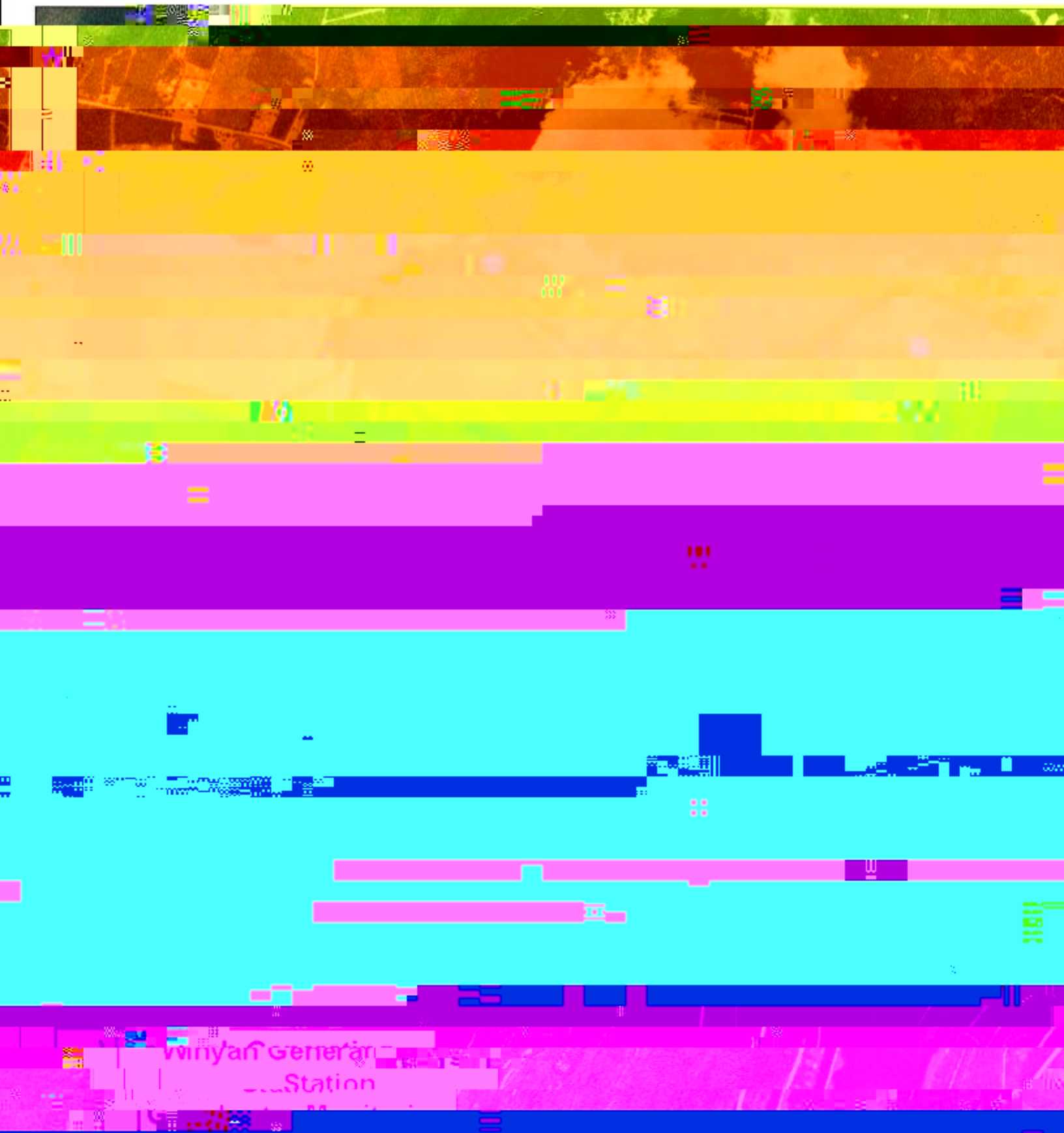



Sampit
River


Pennyroyal
Moyd
PENNYROYAL
BRIDGE


Creek
24


f l a t


Winyah Generating
Station