

I. Water Quantity/Quality

Water Quantity/Quality Comment:

The proposed borrow area will include a 100-foot setback around the 400-acre site to maintain historic drainage patterns. There is no impervious area proposed. Therefore, water quantity attenuation and water quality treatment are not required.

The plans and calculations reflect the North American Vertical Datum of 1988 (NAVD 88).

A mixing zone is not required.

A variance is not required.

II. 100-Year Floodplain

Encroachment (Acre-Feet of fill)	Compensation (Acre-Feet of excavation)	Compensation Type	Encroachment Result* (feet)
0.00	0.00	No Encroachment	N/A

Floodplain Comment:

The project proposes no fill placement within a known 100-year riverine floodplain or depression storage areas associated with the 100-year, 24-hour event.

*Depth of change in flood stage (level) over existing receiving water stage resulting from floodplain encroachment caused by a project that claims Minimal Impact type of compensation.

III. Environmental Considerations

No wetlands or other surface waters exist within the project area.