

Appendix J: EOEEA GIS Environmental Analysis

Geographic Information Systems (GIS) data layers used in the EOEEA GIS environmental analysis and their weighting.

Layer	Weight
Aquifers - High and Medium Yield	30
Prime Agricultural Soils	30
Prime Forest Land	30
Rivers Protection Act Buffers	30
NHESP BioMap2 Core Habitat	70
NHESP BioMap2 Critical Natural Landscape	70
Outstanding Resource Waters	40
Areas of Critical Environmental Concern	30
EPA Designated Sole Source Aquifers	5
Surface Water Supply Protection Areas (Zone A and B combined)	50
DEP Approved Zone 2s within 2640-ft of any PWS well	50
DEP Approved Zone 2s further than 2640-ft from any PWS well	30
Interim Wellhead Protection Areas: 2640-ft buffer of only PWS	40
DEP Wetlands 150-ft Buffer	30
Draft 2012 NHESP Priority Habitats of Rare Species	70
FEMA Q3 Flood (100-Year Floodplains)	15
DCR Greenway Vision Areas	30
500-ft Buffers of Existing long distance and 'Trail Vision' Trails	30
1000-ft buffer of protected Open Space (buffer only)	20