

Study Area - West Virginia

Land Use / Land Cover (value) (description)	Pre-Impact (ac)	Pre-Impact (%)	Post-Impact (ac)	Change (%)	Change (ac)
11 Open Water	16,622	0.6	16,607	-0.1	15
21 Low intensity residential	16,110	0.6	16,079	-0.2	31
22 High intensity residential	86	0.0	86	0.0	0
23 Commercial / Industrial / Transportation	9,310	0.3	9,275	-0.4	35
32 Surface Mining / Quarries / Gravel Pits	45,715	1.6	133,155	191.3	-87,440
33 Transitional	19,441	0.7	19,083	-1.8	358
41 Deciduous Forest	2,396,893	82.7	2,318,251	-3.3	78,642
42 Evergreen Forest	52,910	1.8	52,206	-1.3	705
43 Mixed Forest	252,519	8.7	245,257	-2.9	7,263
81 Pasture / Hay	67,335	2.3	67,081	-0.4	254
82 Row Crops	17,048	0.6	16,914	-0.8	134
85 Urban / Recreational Grasses	128	0.0	128	0.0	0
91 Woody Wetlands	1,354	0.0	1,352	-0.1	2
92 Emergent Herbaceous Wetlands	1,383	0.0	1,383	0.0	0
TOTAL	2,896,857	100	2,896,857	180	0

Total acres for study area: 2,896,857
Total acres for permit areas: 90,104 (3.1% of total area)
Total forested acres (41,42,43,91): 2,703,677
Total forested acres in permit areas: 86,587 (3.2% of total forest)