

Lime Creek Quarry Site Description and Regulatory Comparison

Watershed	Area		Recharge Zone		JPS Drainage Area	
	Acres	% Site Area	Acres	% Site Area	Acres	% Site Area
Lake Travis	82.47	38.14%	81.09	37.50%	0	0%
Buttercup	133.76	61.86%	132.18	61.13%	130.20	60.21%
South Brushy						
Total Site	216.23	100.00%	213.27	98.63%	130.20	60.21%

Regulatory Comparison

	IC limits	WQ Treatment	CEF Protection	Stream Buffers	Const. Phase Controls	Quarry Backfill Standards
Austin	20% (Lake Travis WS) 45-65% (Buttercup WS)	Sedimentation/ filtration (½" plus volume)	150-300' buffer	Yes	Yes	Yes; compacted, stable, revegetation
Cedar Park	None	Sedimentation/ filtration (different vol. than COA) ¹	Yes, karst recharge features only	No	Yes	No

Notes:

- Within the Lake Travis watershed Cedar Park has adopted the LCRA Highland Lakes development regulations for environmental protection. Cedar Park staff review plans for compliance with these regulations.
- Outside the Lake Travis watershed Cedar Park requires developers to demonstrate compliance with the TCEQ Edwards Aquifer rules; Cedar Park staff does not review site plans for compliance, but applicants are required to submit documentation from TCEQ that the plans comply.
- The quarry site currently generates little, if any, stormwater runoff due to most of the site being excavated below the level of the surrounding land (i.e., all stormwater stays within the quarry).
- In the future, stormwater runoff would only be generated if the site was backfilled to the elevation of the surrounding land. That amount of backfill might be cost prohibitive. Cedar Park does not have quarry backfill standards, but successful redevelopment would likely require stable, compacted fill regardless of regulatory requirements.

¹LCRA and TCEQ required water quality treatment volumes are different than City of Austin's. LCRA's can be greater or less than COA depending on impervious cover. TCEQ is a smaller volume than the City of Austin's.