

Appendix 5-A
MRWPCA Local Hazard Mitigation Plan
ESTIMATED IMPACTS

Draft: 10/27/05

Area	Estimated Percentage Impacted					
	Coastal Erosion	Coastal Storm	Earthquake	Expansive Soils	Flood	Tsunami
Oceanside Pump Stations and Pipelines	95	95	90	25	95	95
Inland Pump Stations and Pipelines	0	0	95	25	50	50
Regional Treatment Plant	0	0	90	0	5	5
Administrative Offices	0	0	90	0	5	0

Notes

- 1 For earthquake impact estimates: The entire MRWPCA service area is vulnerable to earthquakes. Estimates are based on the age of construction of the facilities and liquefaction potential. The RTP and Administrative offices were both built in 1990, to current seismic codes.
- 2 Oceanside pump stations have no to moderate liquefaction potential. With the exception of the Marina Pump Station, built in 1990-91, they were built prior to the current updated seismic building code standards.
- 3 Inland pump stations have moderate-to-high liquefaction potential. They were built between 1981 and 1983, before current seismic building codes were effect.
- 4 Expansive soils could be found in the northern 1/3 of the MRWPCA area, which includes the Moss Landing and Castroville stations.
- 5 Flood impact estimates are based on Federal Emergency Management Agency (FEMA) Flood Rate Map (FIRM) information and area elevations.
- 6 Tsunami impact estimates were made using the Tsunami Evacuation Areas map, compiled by the County of Monterey Information Technology Department.
- 7 Coastal pump stations and the Castroville pump station are susceptible to tsunami.