

MITIGATION PROCEDURES - Exhibit E

1. The existing native vegetation, topsoil, and seed stock will be stripped from both the work area and the mitigation site during or before construction and will be stored in separate mounds on the property. This material, comprised of vegetative matter of the same type as is found in the naturally occurring critical dunes, shall be used to stabilize the work area and mitigation site after the construction and mitigation activities are complete. This material containing the sand, roots, seed pods and nutrients of the naturally occurring vegetation native to the dunes will be the best source of indigenous dune vegetation.
2. The existing sand that is proposed to be cut within the work area shall be stockpiled and moved to the mitigation site to construct the mitigated dunes described in this permit application. In the event that additional fill material is necessary to complete the required mitigation, sand of similar grain size and mineralogy as found in the surrounding areas shall be required.
3. The dunes will be constructed in size and shape such that the resulting mitigated dune volume is on a one to one ratio (1:1) with the impacted critical dune volume. Once the new dunes have been formed using the stockpiled material, the contractor shall insure that the top layers of the native soil, vegetation and seed mixture from the stockpile are not dried out. There should be adequate soil in the mixture to keep the dormant vegetation in place. The buried material below will serve as nutrients for the reestablishing vegetation. A mat of indigenous, noninvasive hay or vegetation material shall be placed on top of the newly formed dunes to reduce wind erosion and help retain moisture.
4. The contractor shall be careful not to damage any existing critical dunes or dune vegetation outside of the mitigation areas. Any critical dunes or dune vegetation that are altered during the construction of manmade dunes or improvements shall be repaired to a level that at least matches the original state using the guidelines identified in items 1 and 2 above.
5. The area will be inspected periodically after the mitigation construction process has been completed.
6. Watering will be conducted as deemed necessary to achieve revegetation within the three year time period.
7. The mitigation site will be monitored and maintained until the vegetation cover matches or exceeds the level of vegetation on the surrounding naturally formed dunes.