

PROJECT: (FDEP- CRCP-9) Coral Reef Conservation Program Project-9

<p>1. DESCRIPTION: Jupiter Island Dredging Project/ Delray and Ocean Ridge construction projects. (others within Miami-Dade, Broward and West Palm Beach counties)</p>
<p>2. PURPOSE/GOALS: This is a priority for the State because more data is needed about how water quality changes during construction projects near coral reef resources on sovereign submerged lands, so that the State can better protect those resources.</p>
<p>3. HISTORICAL UPDATE: Monitoring began in 2019</p>
<p>4. USE OF DATA: The data will be provided to Shelby Wedelich of FDEP</p>
<p>5. RELEVANCE: Protection of the Southeast Florida Coral Reef Ecosystem Conservation Area (Coral ECA)</p>
<p>6. EFFECTIVENESS: The collected samples and data generated by this project will meet FDEP Coral ECA requirements.</p>
<p>7. SAMPLE SITES: Southeast Florida Coral Reef Ecosystem Conservation Area (Coral ECA) SAMPLING CONSIDERATIONS: PARAMETERS: TSS</p>
<p>8. FREQUENCY/DURATION/SCHEDULE: Sampling of these parameters occurs at various times and depths before, during, and after sample coastal construction projects occurring in the Southeast Florida Coral Reef Ecosystem Conservation Area (Coral ECA); Monthly</p>
<p>9. DELIVERABLES: Field Sheets, Chain of Custody and Final Laboratory Reports.</p>
<p>10. SPECIAL EQUIPMENT/SUPPLIES CONSIDERATIONS: All samples are collected at the sub-surface (approximately 0.5 meters). Sampling is performed with Niskin samplers on boat runs.</p>
<p>11. UNIQUE QA/QC REQUIREMENTS: Field duplicate necessary for each run as well as a Field Clean Equipment Blank. In addition, chlorophyll a and orthophosphate require one additional replicate per run.</p>
<p>12. FUNDING/REVENUE: Contract Fund paid by FDEP Coral Reef Monitoring Program \$8,000 annually</p>