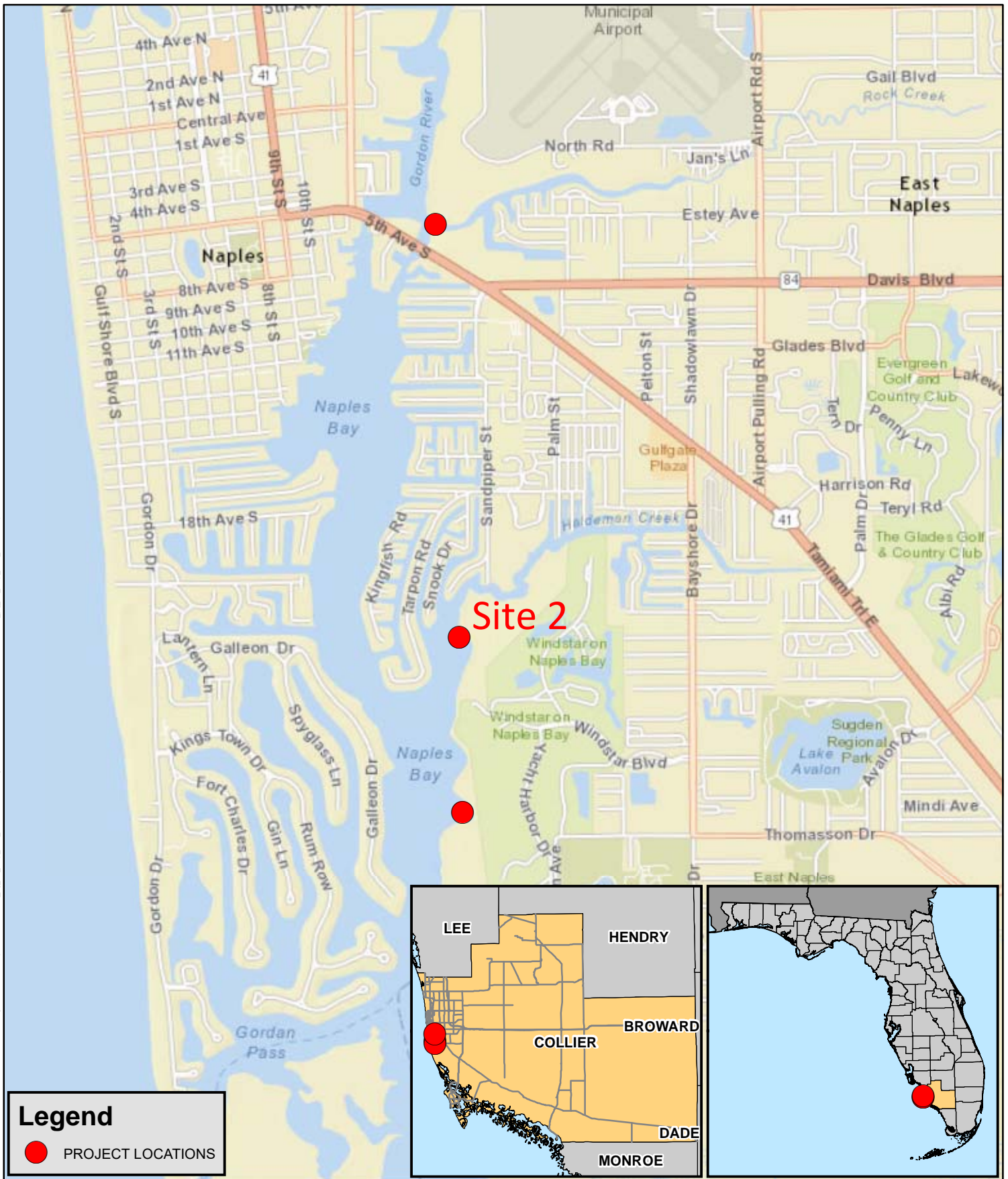


Date: 07/20/16 Rev: Date: xx/xx/xx PM: DR: GIS Analyst: TMS/JAG Map Document: 3112\_p1\_loc\_map\_JAG\_20160720.mxd Project Number: 00311230.C.PDF Document: 3112\_p1\_loc\_map\_JAG\_20160720.pdf Plot Size: 8.5 x 11



### Legend

 PROJECT LOCATIONS

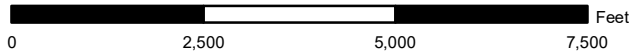


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All data within this map are supplied as is, without warranty. This product has not been prepared for legal, engineering, or survey purposes. Users of this information should review or consult the primary data sources to ascertain the usability of the information.

### Figure 1 - Project Location Map

City of Naples Oyster Restoration  
Collier County, Florida



Data Source:  
- Scheda Ecological Associates, Inc.  
Imagery Source:  
- ESRI Streets

Coordinate System:  
NAD 1983 Florida  
State Plane East







**Site 2**

Reef (Site-number)	Area (sq ft)	Area (acres)	Reef Center Coordinates (feet NAD83)	
2-1	819	0.019	398844.1	649900.2
2-2	744	0.017	398912.6	649882.3
2-3	946	0.022	398996.8	649888.1
2-4	739	0.017	399038.5	649810.5
2-5	1266	0.029	398984.3	649757.6
2-6	717	0.016	399097.4	649747.6
2-7	837	0.019	399103.8	649652.0
2-8	807	0.019	398958.4	649832.4
2-9	1351	0.031	399024.7	649706.1
2-10	1018	0.023	398984.1	649651.9
<b>Total Area</b>	<b>9244</b>	<b>0.212</b>		

Reef (Site-number)	ROCKS				SHELL		
	Area Rocks (sq ft)	Ave. Rock Thickness (ft)	Est. Rock volume (cu yards)	Est. Rock (tons)	Shell reef height (ft)*	Est. Volume Shell (CY)	Est. Weight Shell (Tons)
2-1	280	2.5	19.44	36.8	3.3	65.9	50.7
2-2	220	2.5	15.28	28.9	4.3	83.5	64.2
2-3					3.5	122.6	94.3
2-4					2.8	76.6	59.0
2-5	309	2.5	21.46	40.6	4.3	152.4	117.2
2-6					2.8	74.4	57.2
2-7					2.5	77.5	59.6
2-8	210	2.5	14.58	27.6	4.6	101.7	78.2
2-9	230	2.5	15.97	30.2	4.4	182.7	140.5
2-10	257	2.5	17.85	33.7	4.7	132.5	101.9
<b>TOTALS</b>			<b>48.4</b>	<b>197.7</b>		<b>1,069.7</b>	<b>822.9</b>

\*NOTE: shell reef height is based on water depth at MHW (+0.3ft NAVD88) plus 0.5ft of settling