



Midpeninsula Regional
Open Space District

R-17-45
Meeting 17-09
April 12, 2017

SPECIAL MEETING AGENDA ITEM 1

AGENDA ITEM

Overview of District's Geographic Information Systems (GIS) Program

GENERAL MANAGER'S RECOMMENDATION

A handwritten signature in black ink, appearing to be "GMA".

No action required.

SUMMARY

Staff will provide a verbal overview of the District's GIS Program.

DISCUSSION

The geographic information system (GIS) program is a core and value added function for the District. GIS serves the District as its "geographic filing cabinet" by spatially organizing data. As a result, the GIS program is at the core of the District's decision support processes by transforming spatial data into information. Spatial analytics, maps, and reports that the GIS program produces inform design and construction of public access facilities, land management practices, species protection strategies, and serve as the system of record for District assets. The GIS program supports the entire District and assists in a majority of all action plan projects.

This overview illustrates the primary value of GIS technology at the District and provides specific examples of analyses and tools used to help position the District as an industry leader in the acquisition, development, and management of open space. Staff will also present information on the upcoming delivery of an Enterprise GIS, which is designed to better manage information associated with the entire land conservation lifecycle. This system will provide a consistent platform that allows staff across the entire District to build and contribute to a comprehensive spatial data library of the land's natural resources and infrastructure. This streamlined collaborative technology will also facilitate inter-departmental communication about past, present, and future projects. This system will improve information access, resulting in more informed and expedited decision-making. Planning, Construction and Engineering, Visitor Services, Land and Facilities, General Manager's office, and Public Affairs departments will all have direct access to GIS information, via easy-to-use web maps available on both mobile and desktop devices.

FISCAL IMPACT

None.

BOARD COMMITTEE REVIEW

This presentation was requested by the Board at the January 11, 2017 Board Meeting.

PUBLIC NOTICE

Public notice was provided as required by the Brown Act.

CEQA COMPLIANCE

This item is not a project subject to the California Environmental Quality Act.

NEXT STEPS

The new Enterprise GIS system implementation will begin in FY2017-18.

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