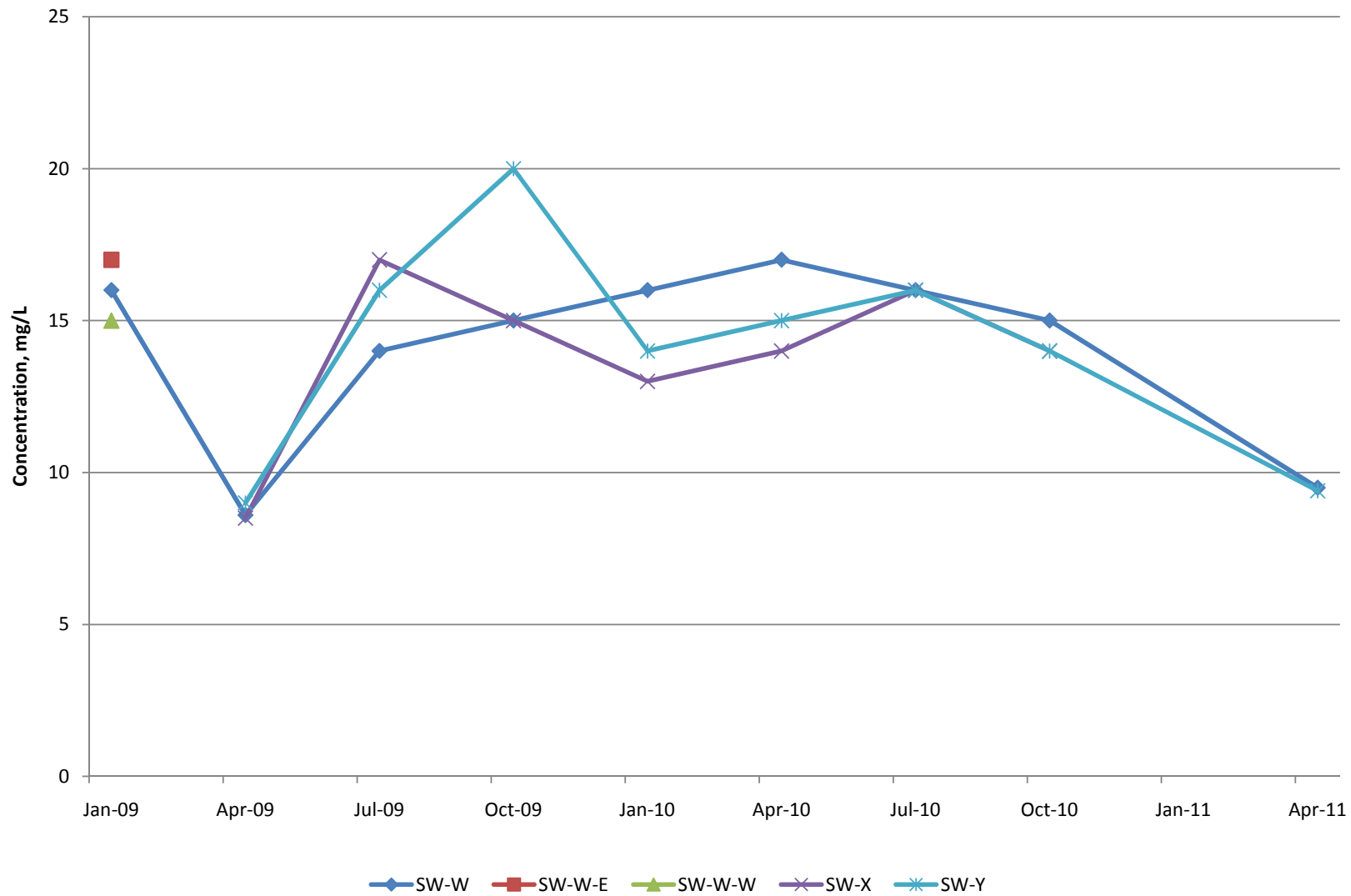




CALCIUM TRENDS IN LAKE SUPERIOR WATER  
ORVANA RESOURCES US CORP.  
COPPERWOOD PROJECT  
GOGEBIC COUNTY, MICHIGAN

Drawn: ARB 7/28/2011

Approved: ARB 7/28/2011

Scale: AS SHOWN

PROJECT NUMBER 60179066

FIGURE NUMBER 202.2.8-9