Central Valley Dairy Representative Monitoring Program Year 1 Annual Report (2012), Phase 1

Part II of IV

April 1, 2013

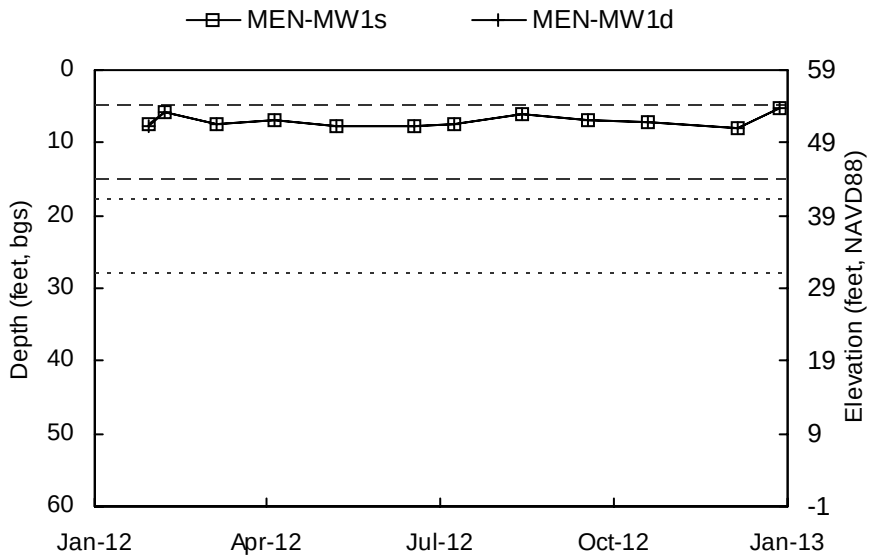
LUHDORFF & SCALMANINI
CONSULTING ENGINEERS

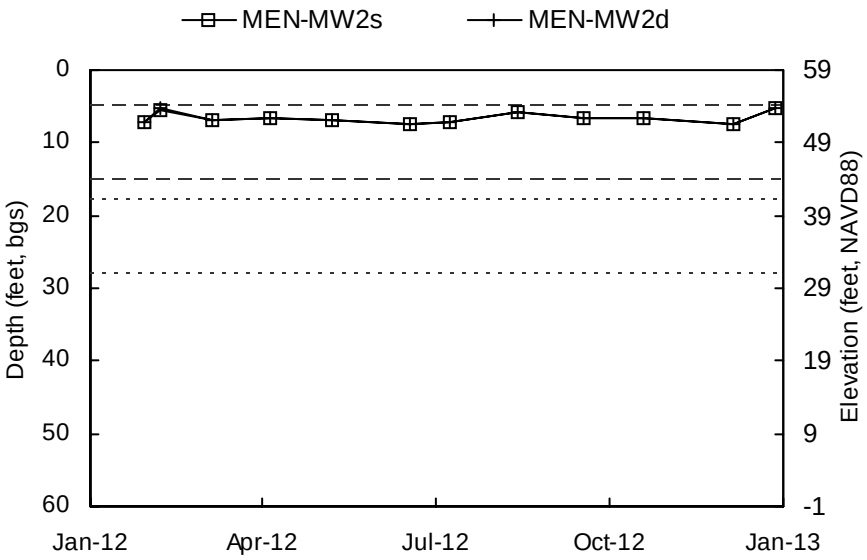
Attachment A

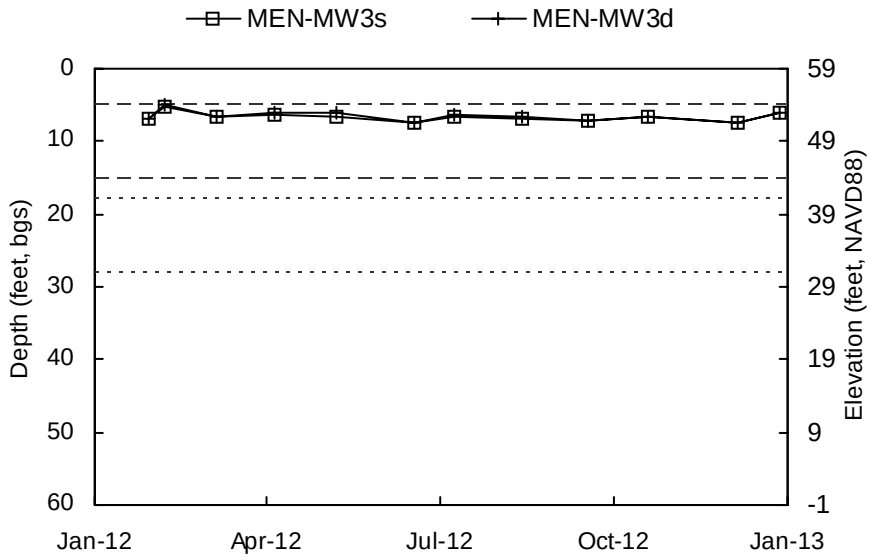
Attachment A1.	Hydrograph Series, fixed scale
Attachment A2.	Hydrograph Series, variable scale
Attachment A3.	Map Series of Water Level Elevation Contour Maps
Attachment A4.	Specific Conductance and Total Dissolved Solids Concentrations in Groundwater, Time Series Plots
Attachment A5.	Nitrogen Components Concentrations in Groundwater, Time Series Plots
Attachment A6.	General Mineral Concentrations in Groundwater, Time Series Plots
Attachment A7.	Groundwater Chemical Characteristics – Bar Charts, Stiff Diagrams, and Tertiary Plots

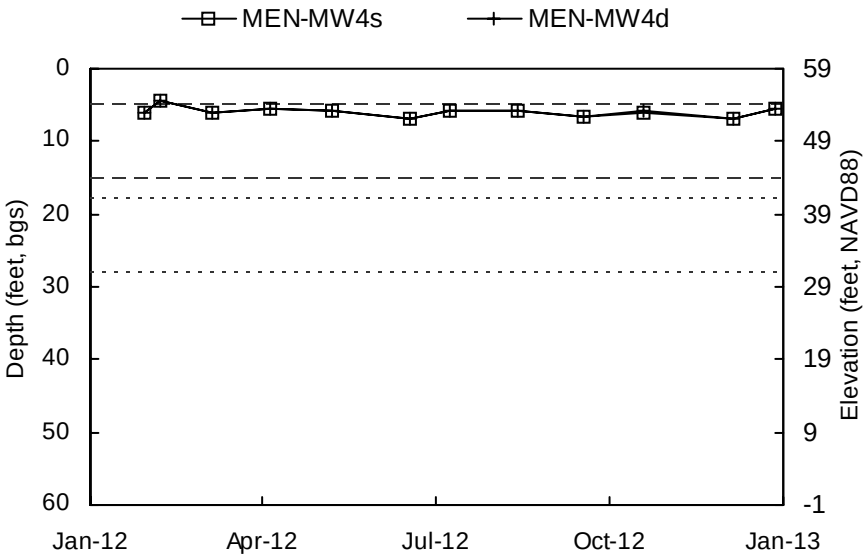
Attachment A1

Hydrograph Series, fixed scale



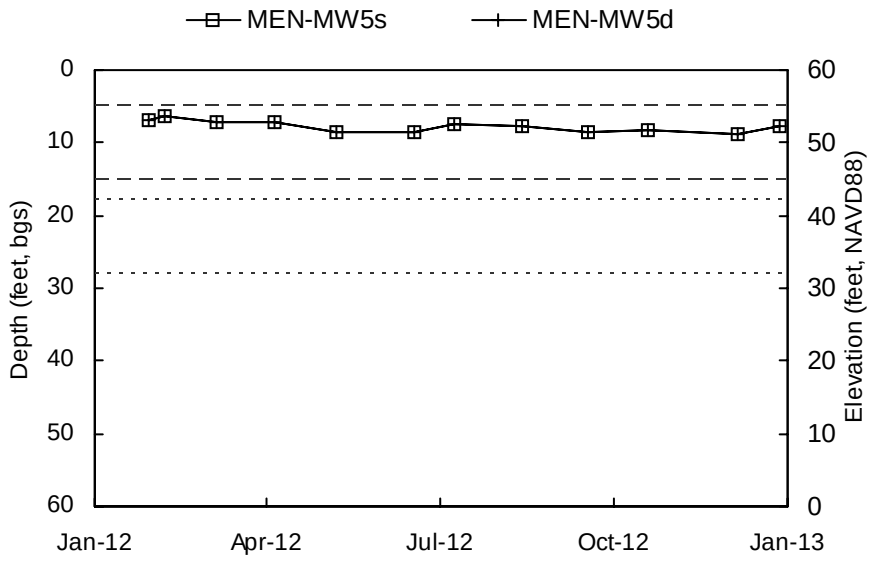


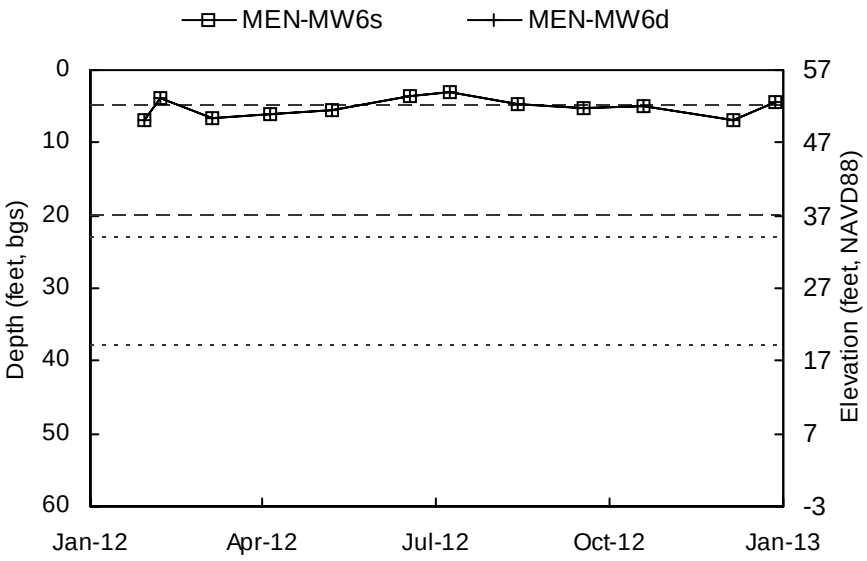


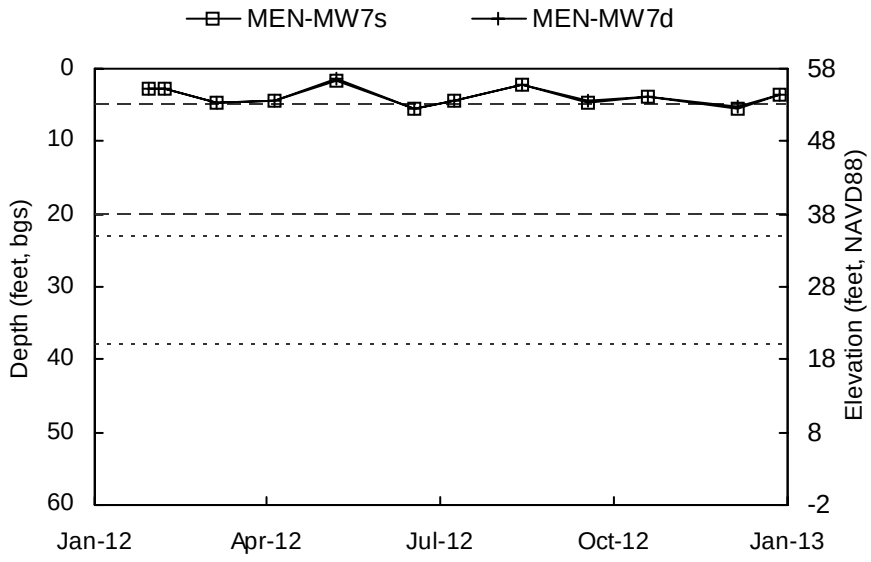


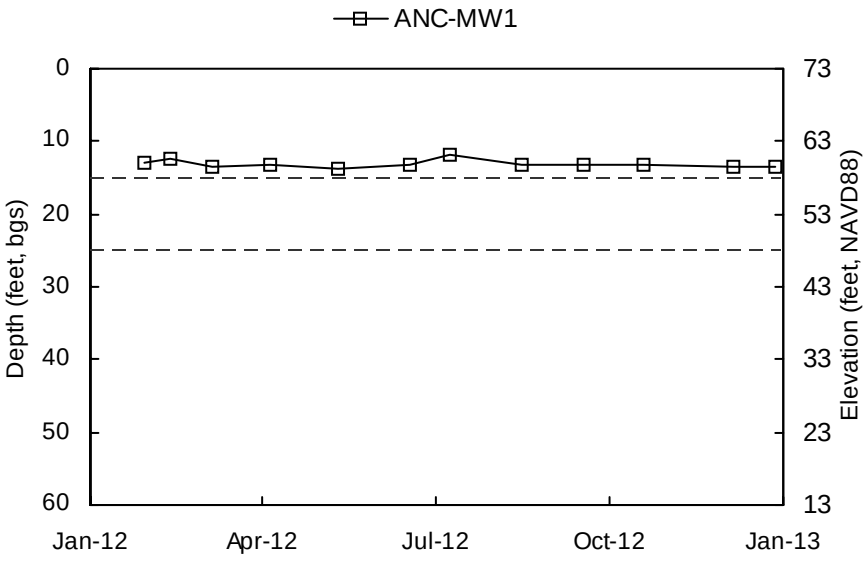
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



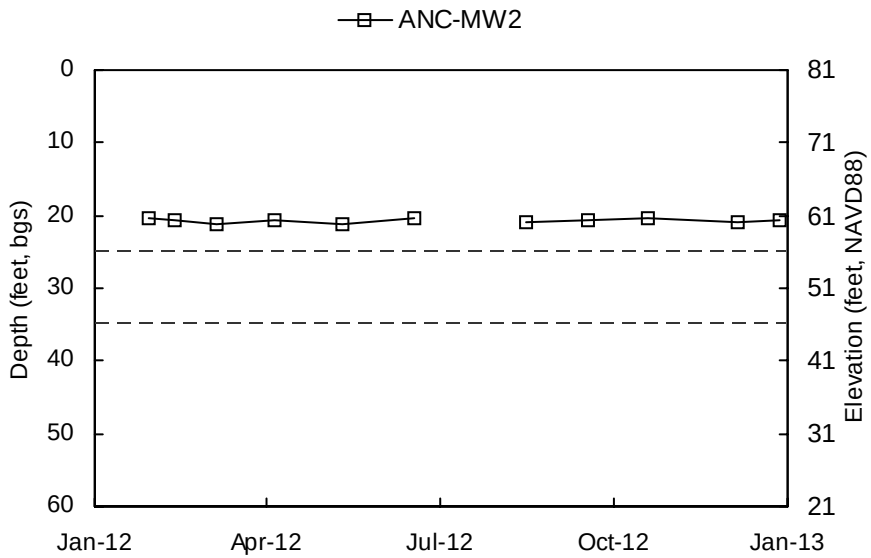


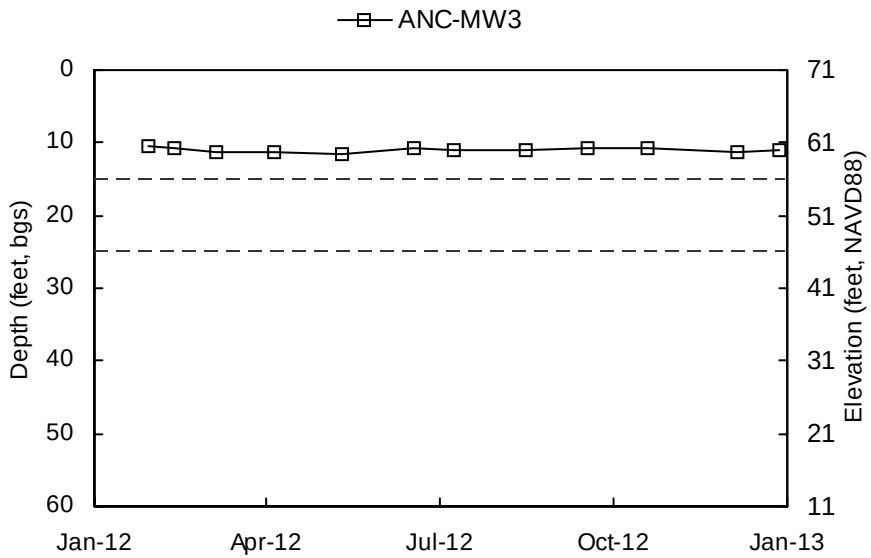


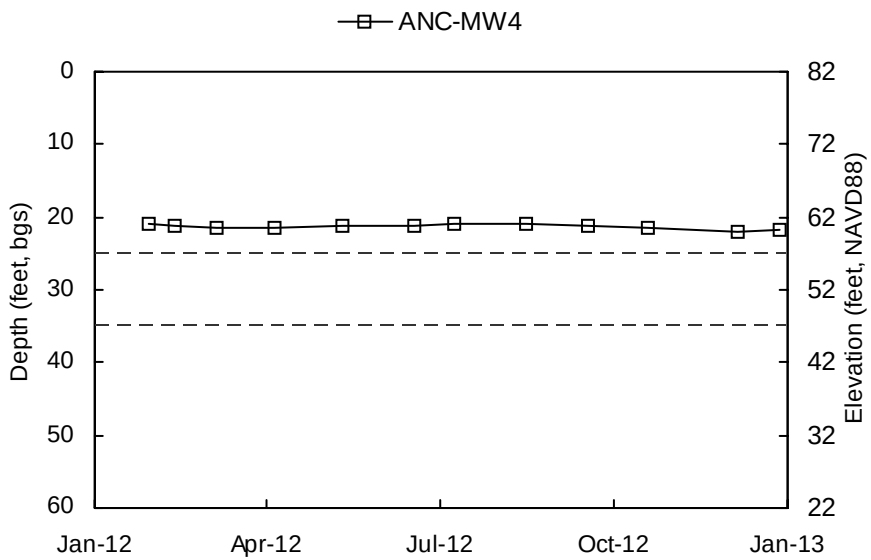


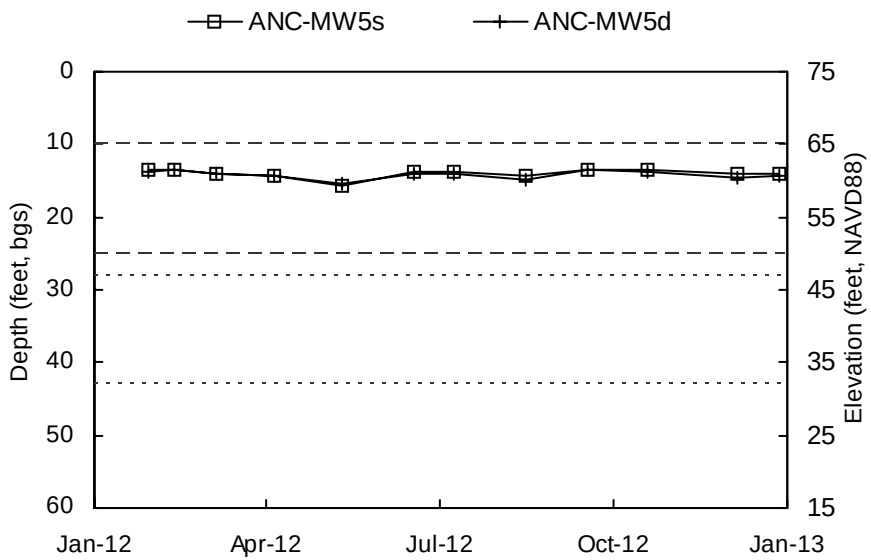
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



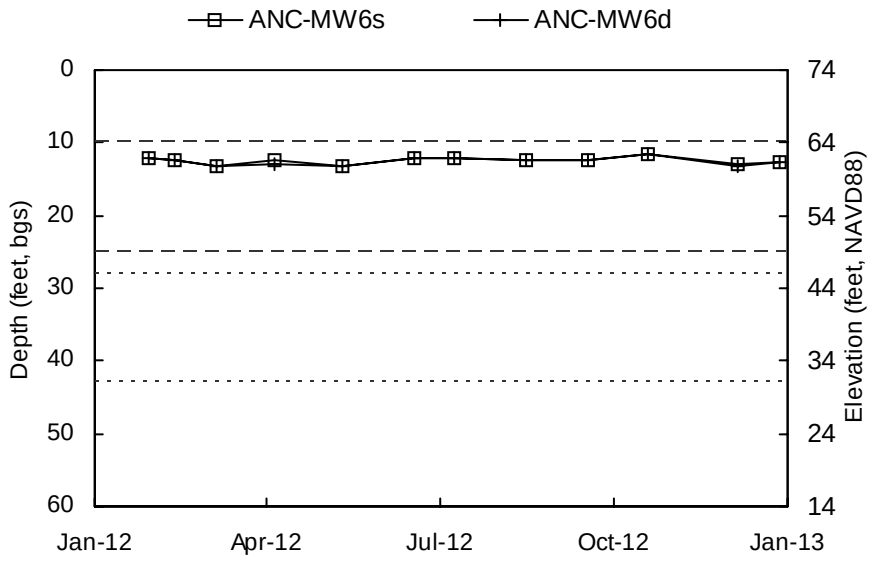


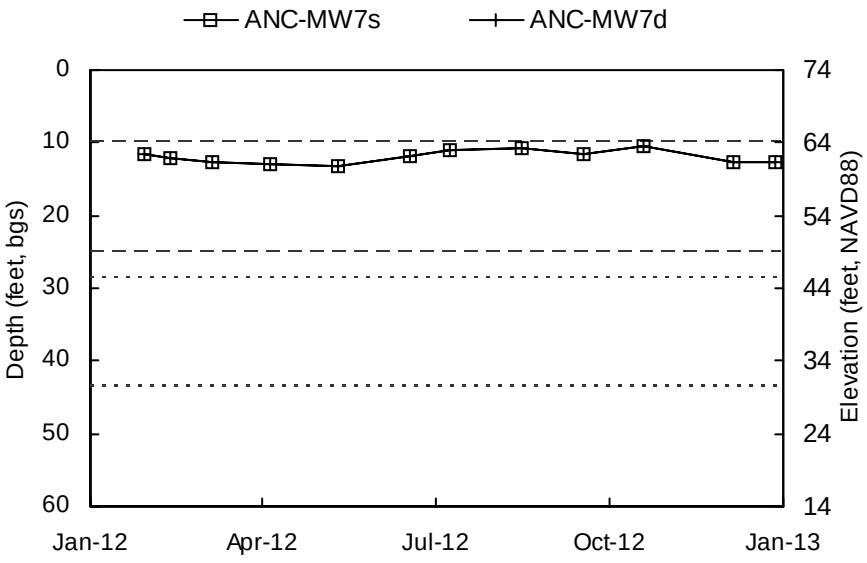


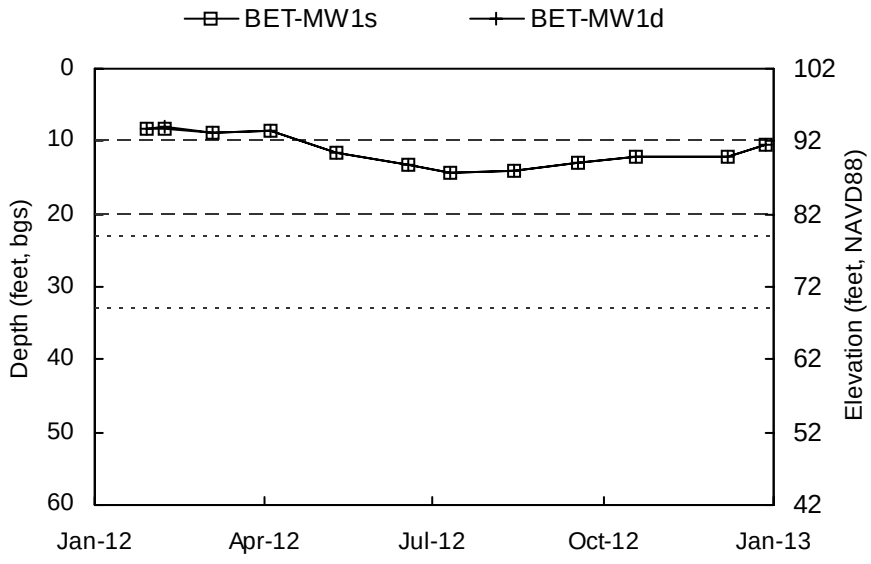


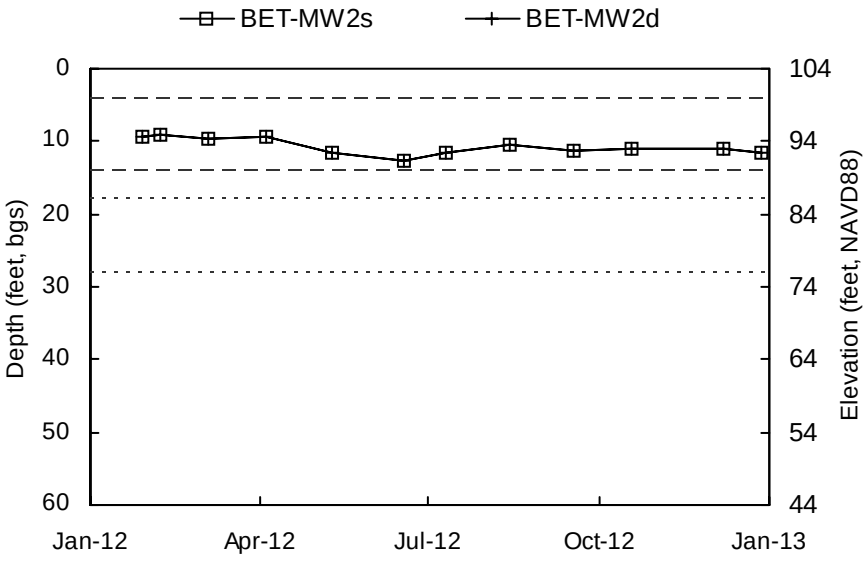
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



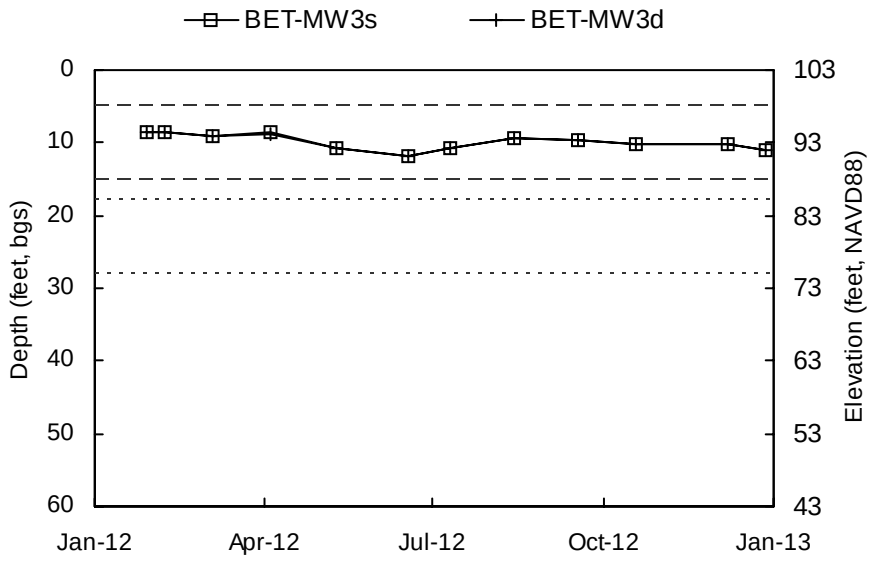


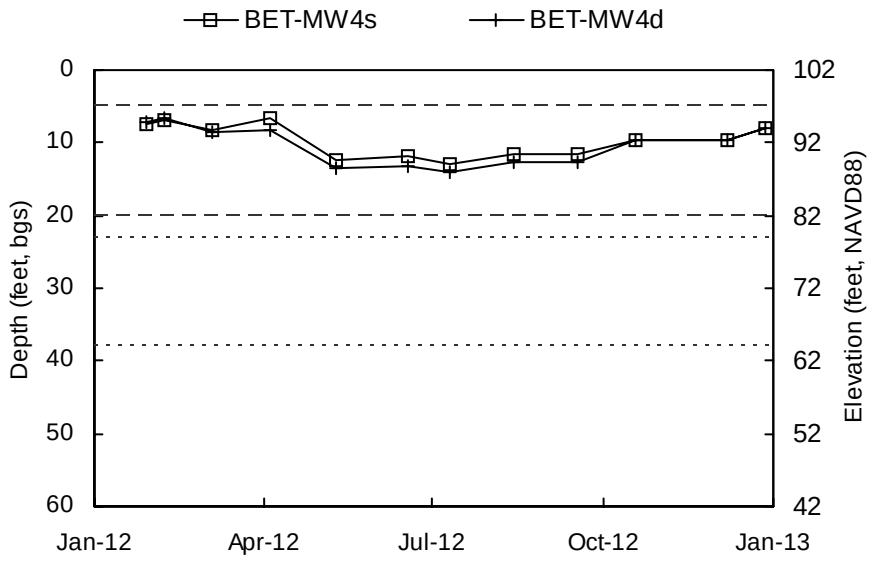


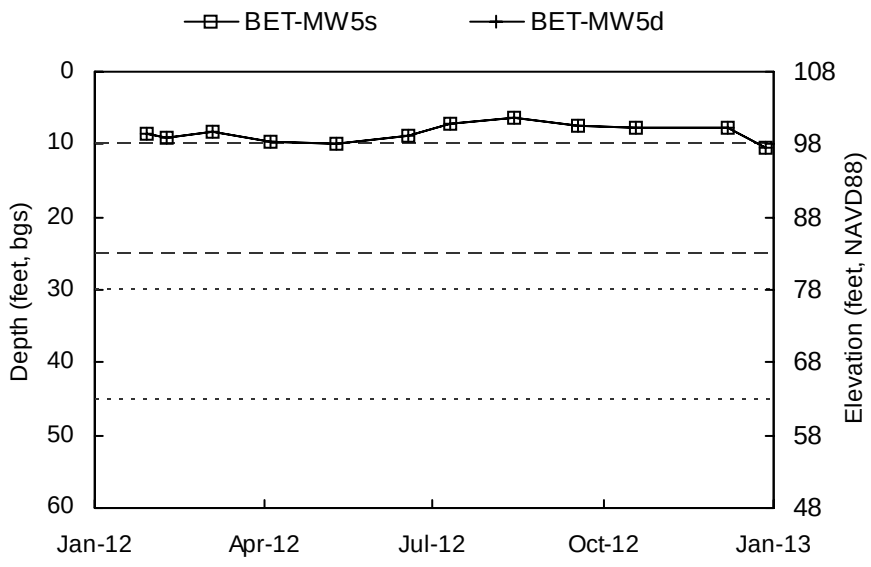


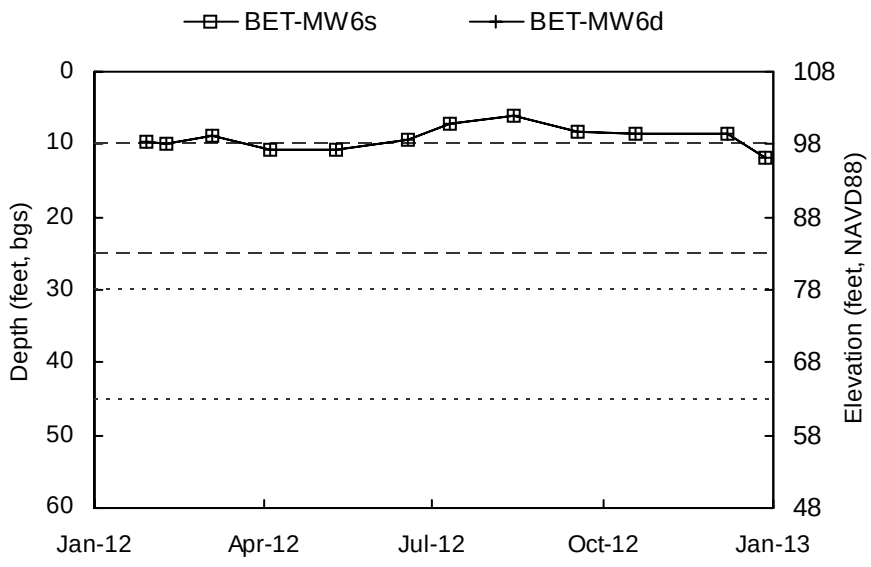
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



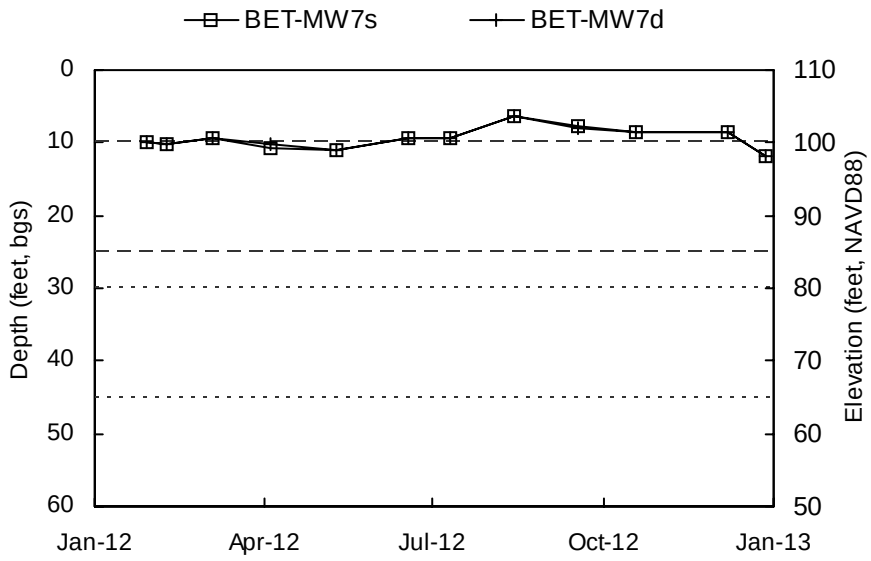


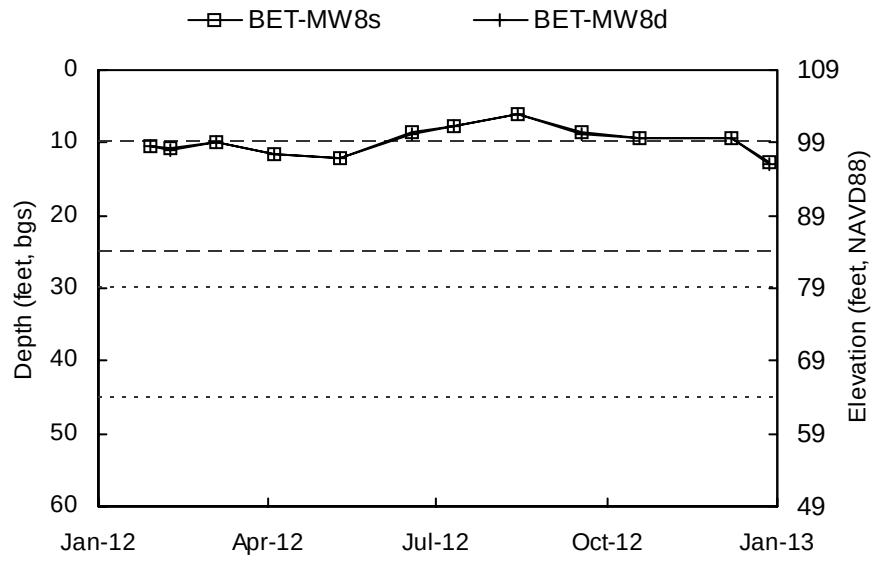


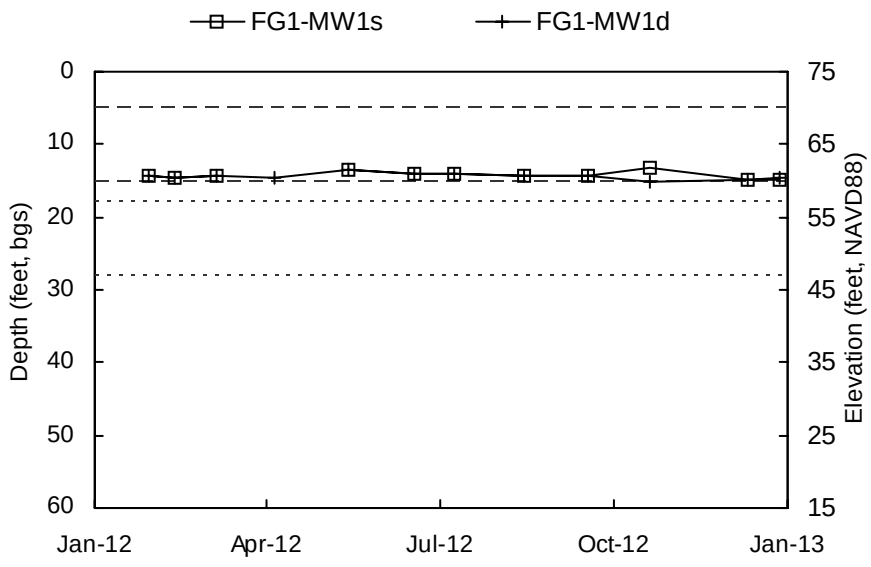


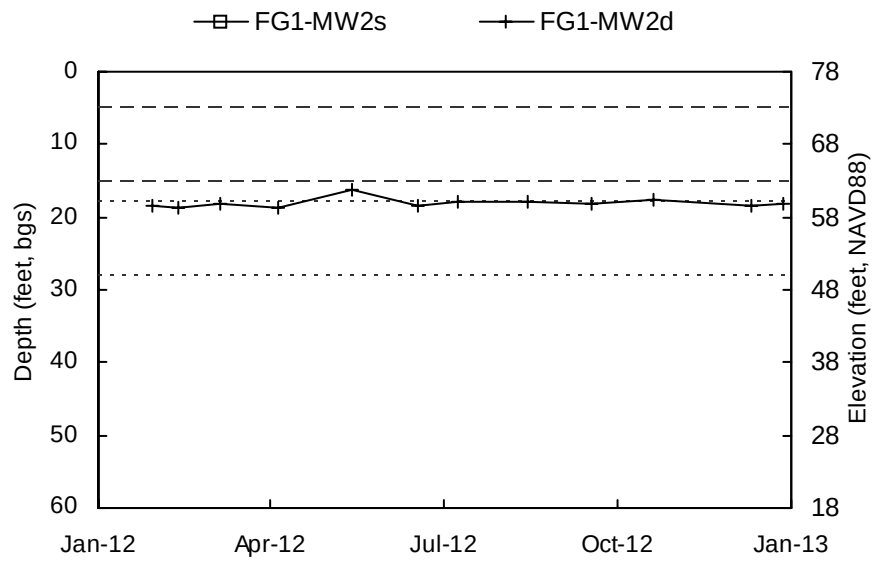
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



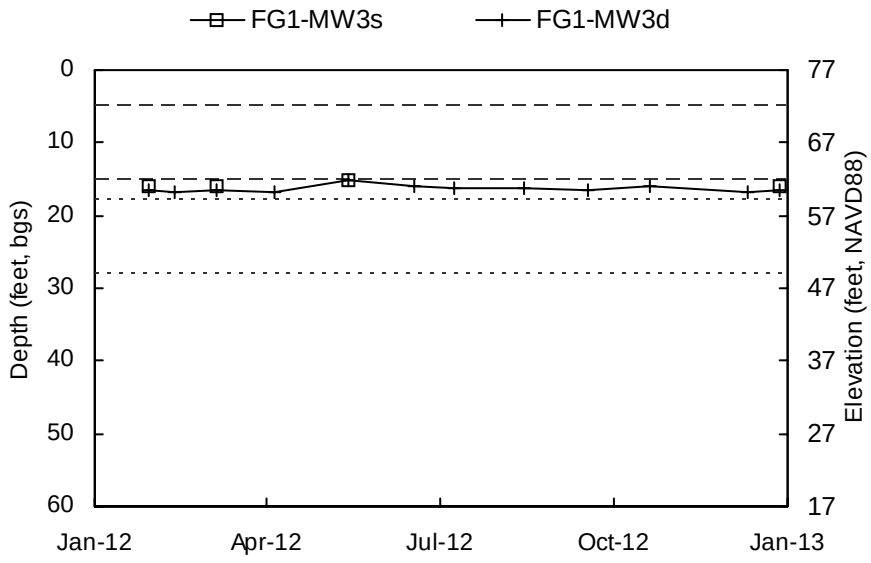


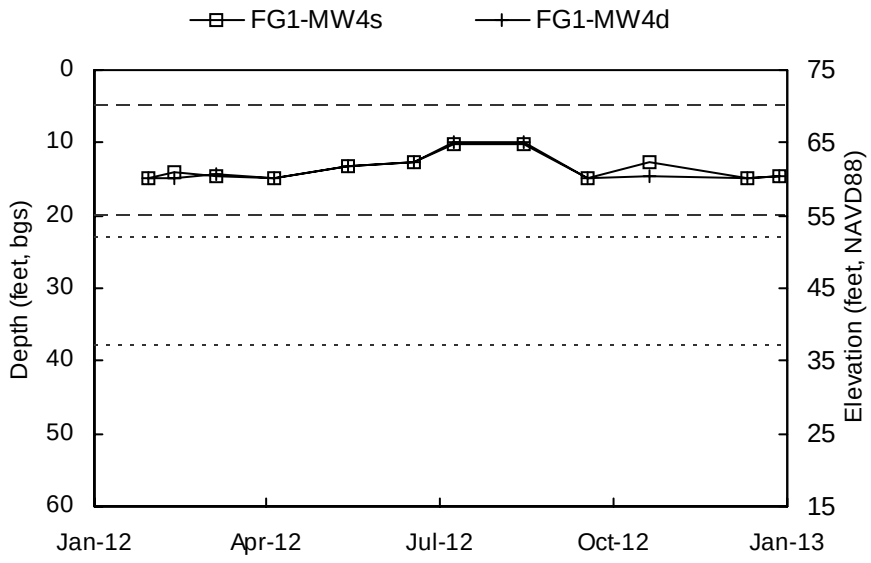


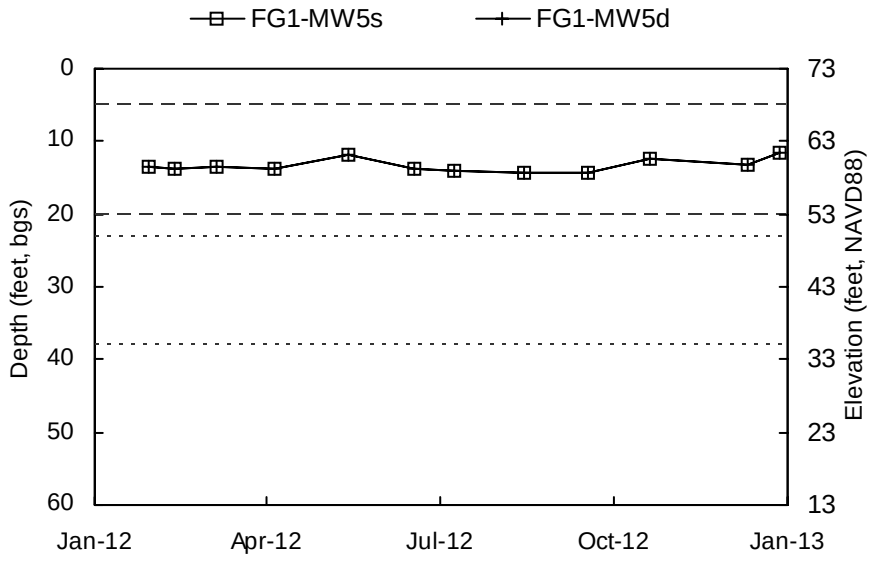


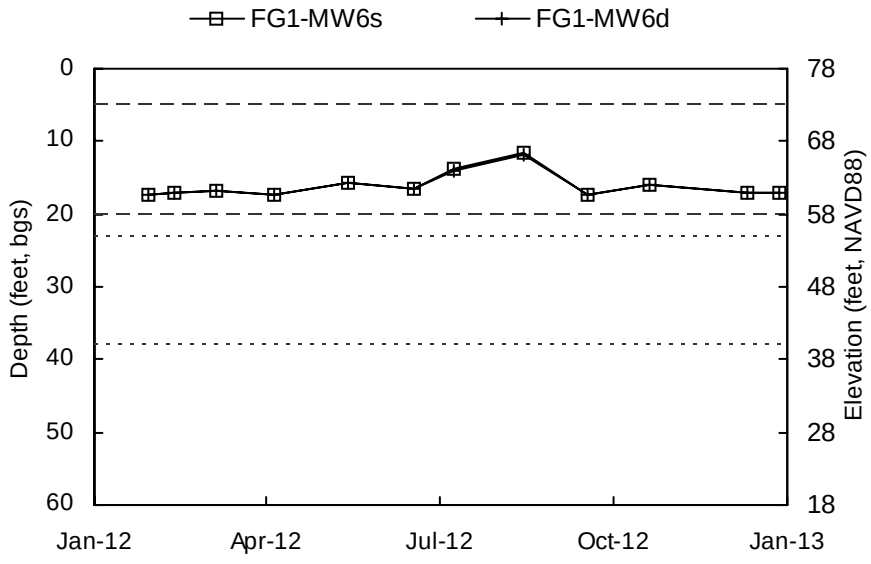
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



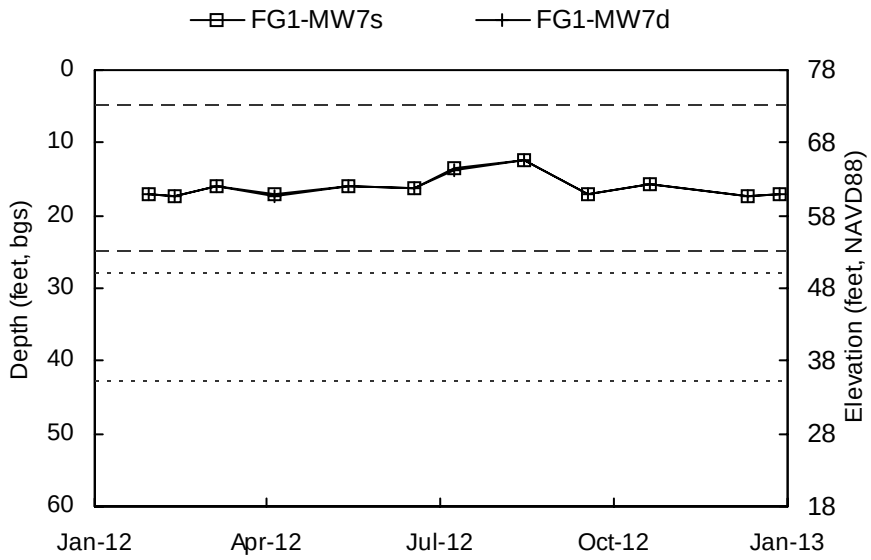


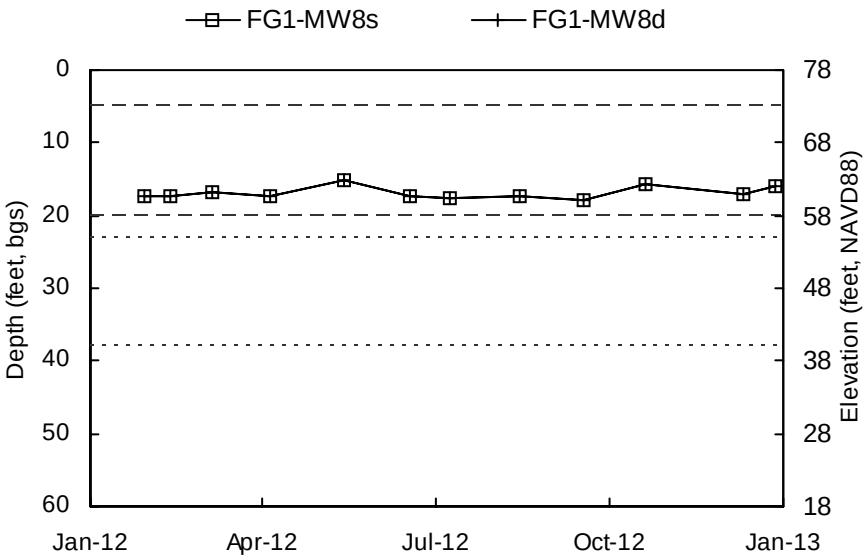


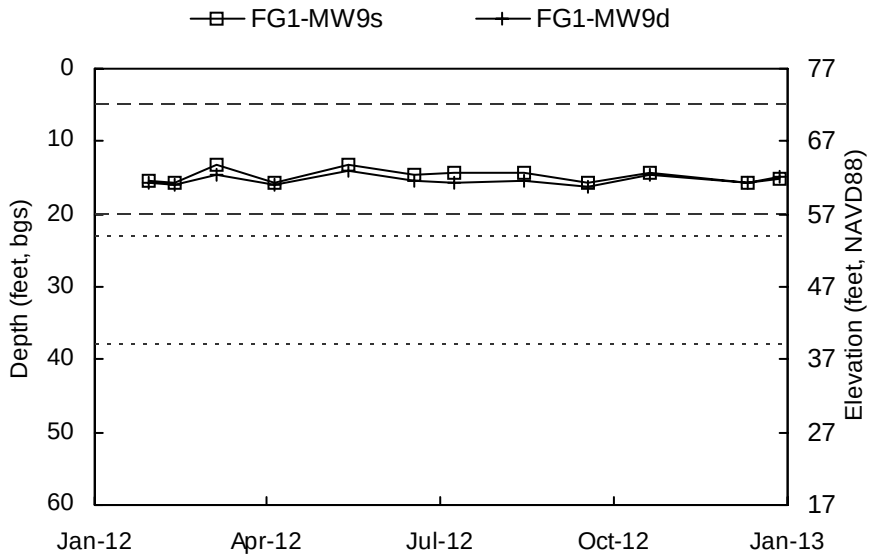


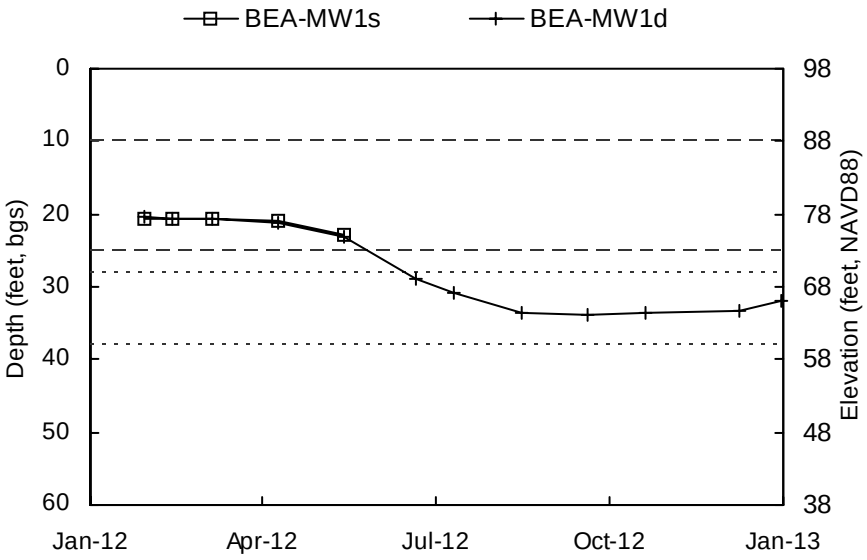
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



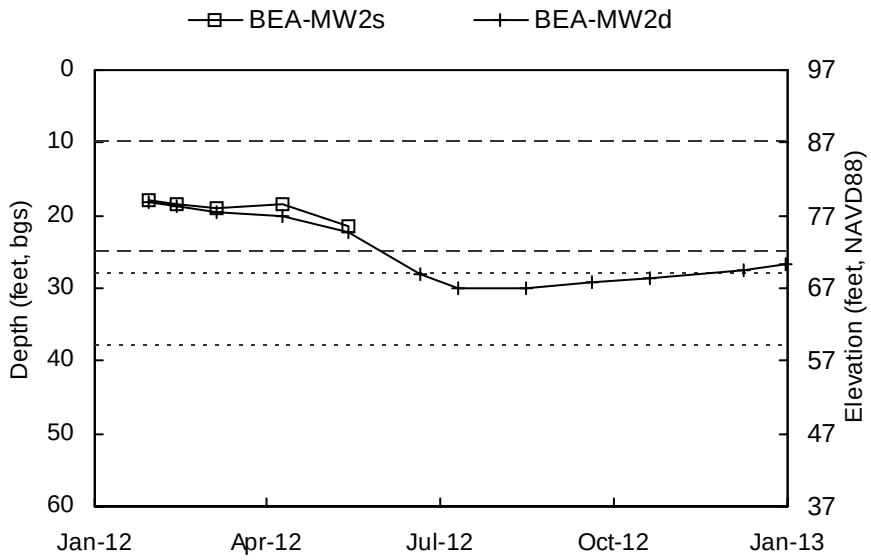


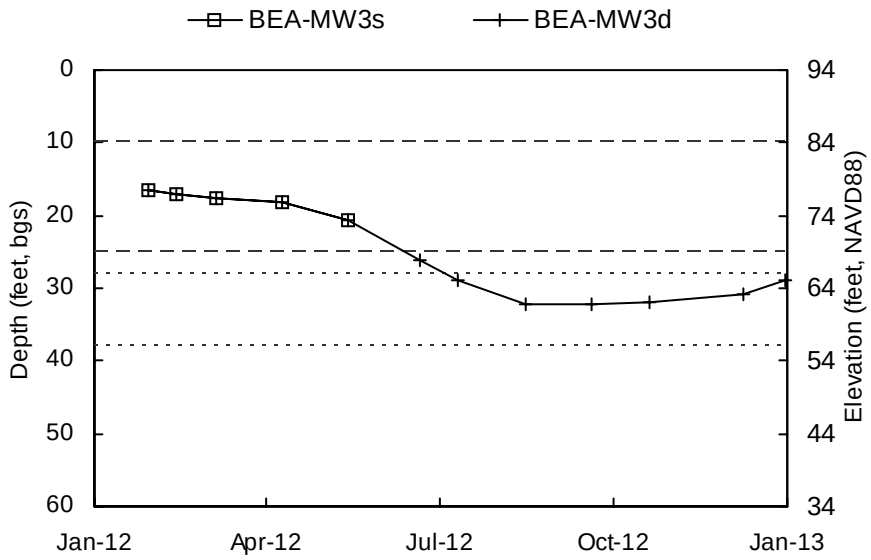


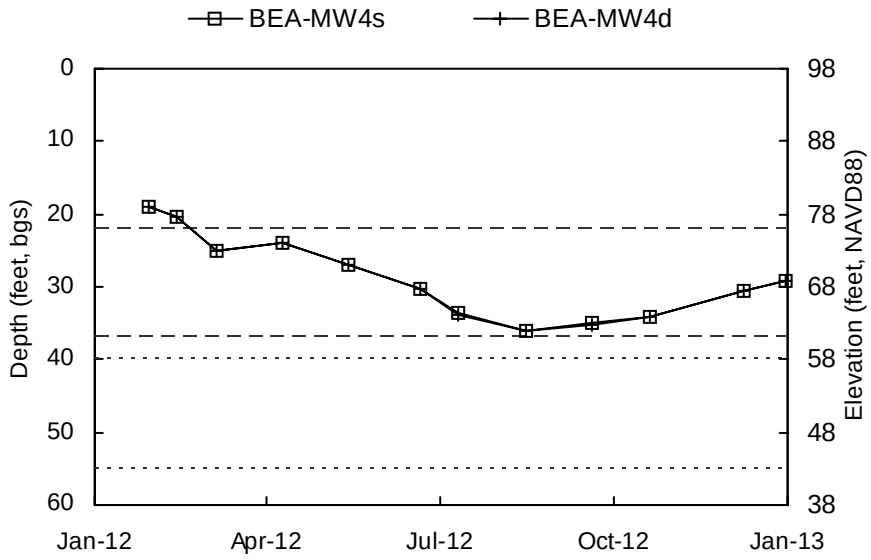


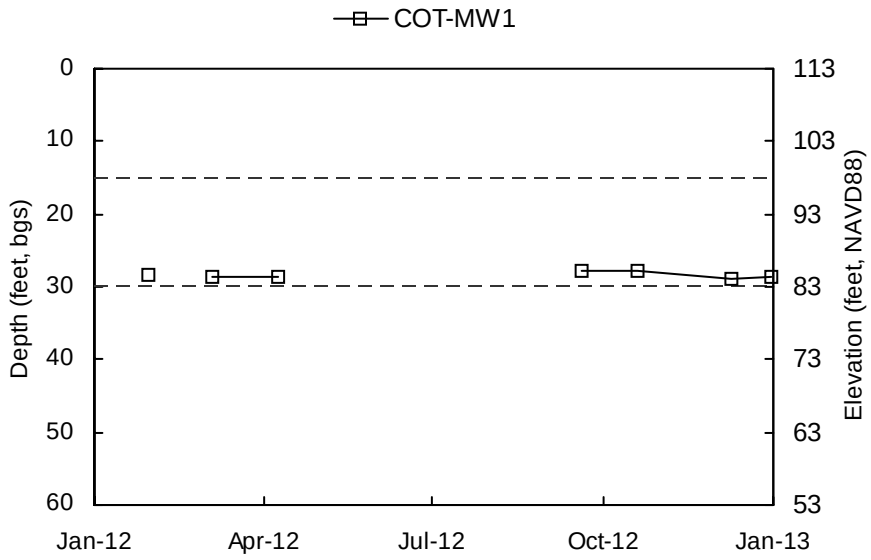
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



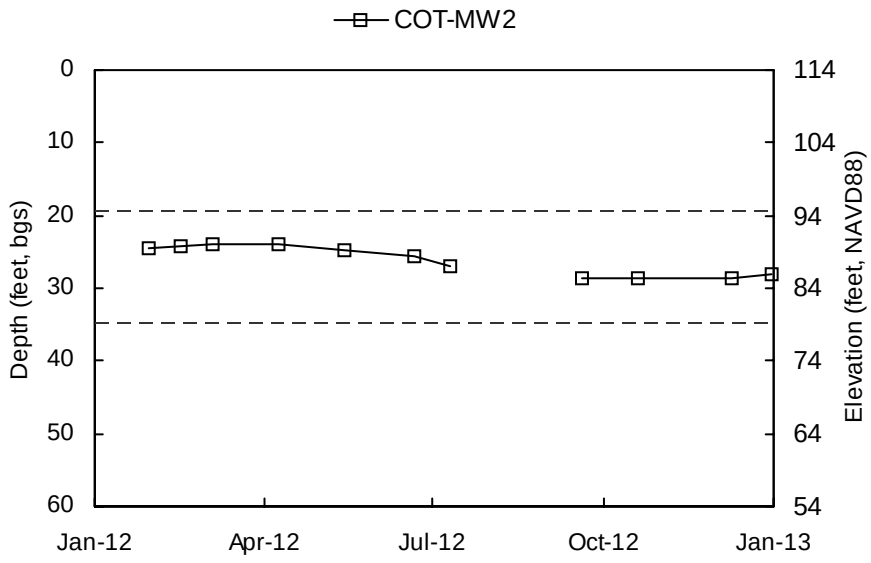


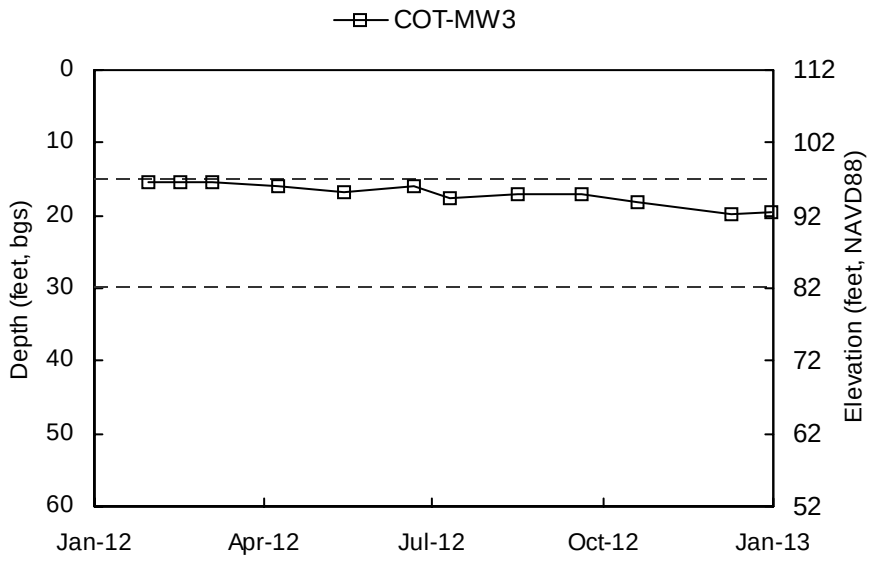


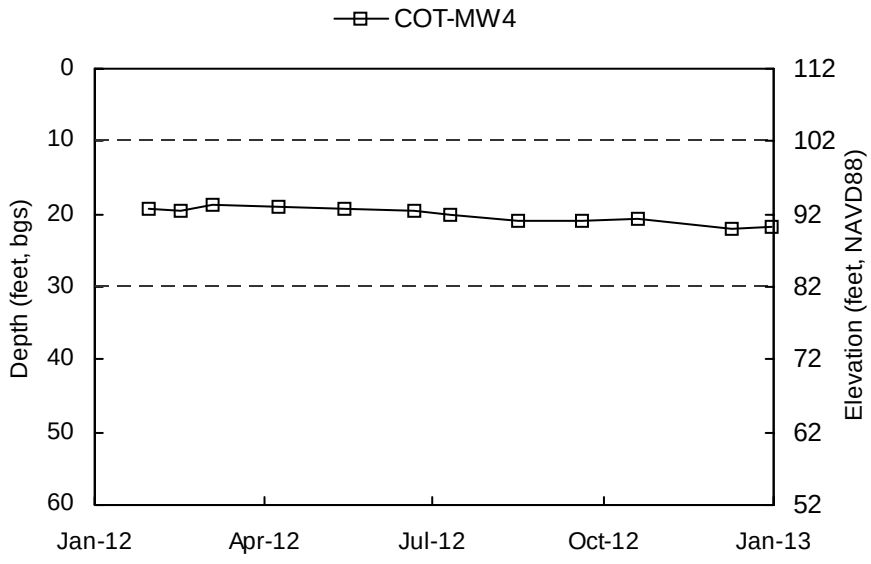


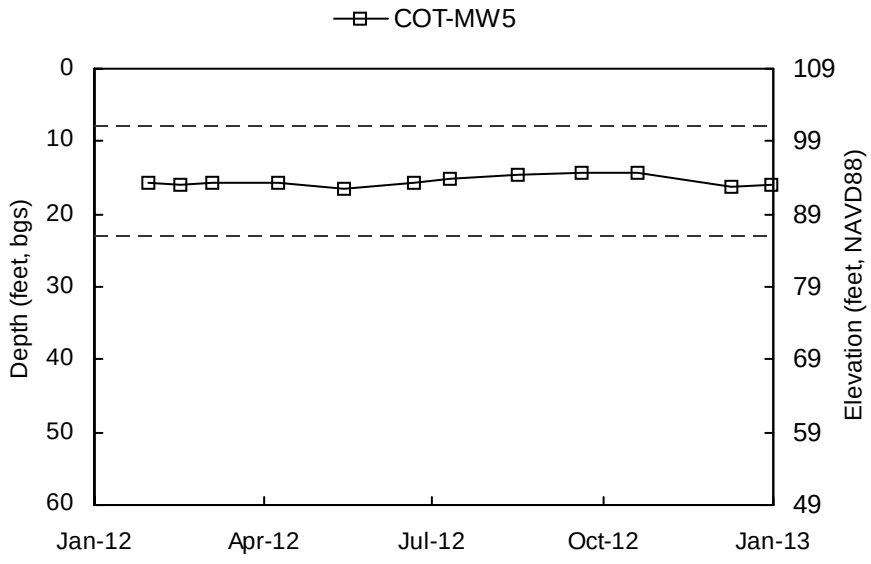
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



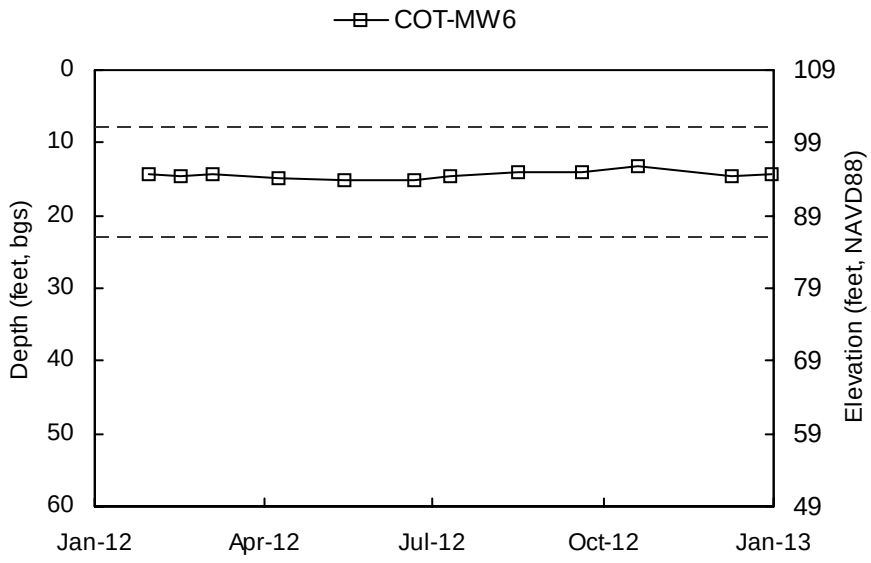


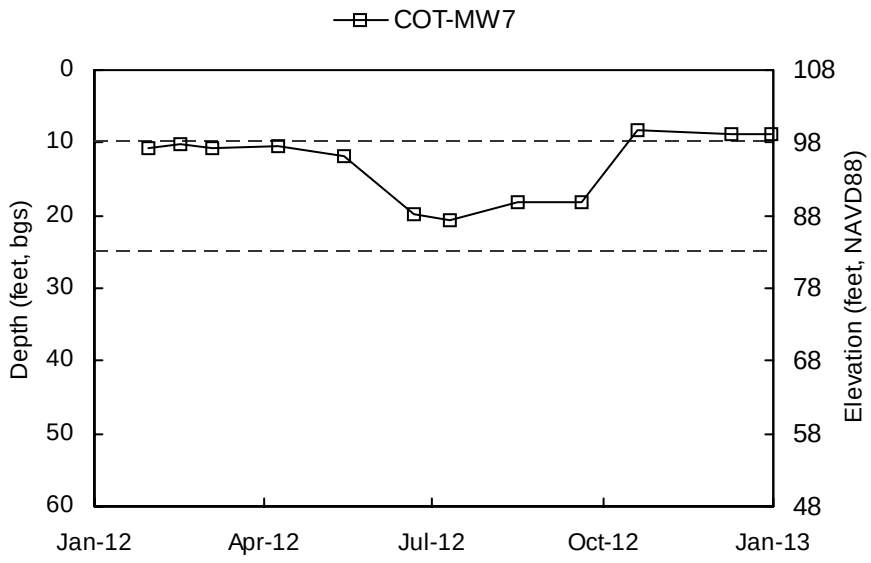


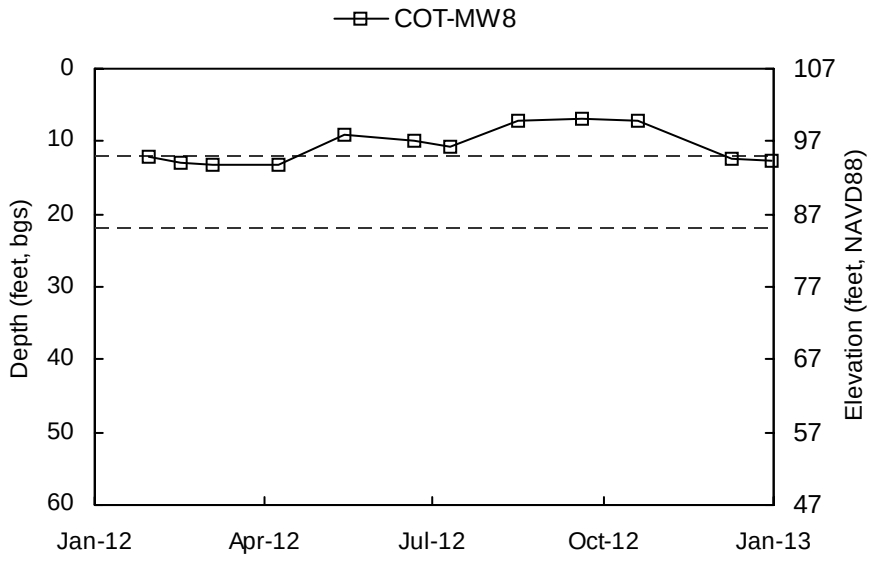


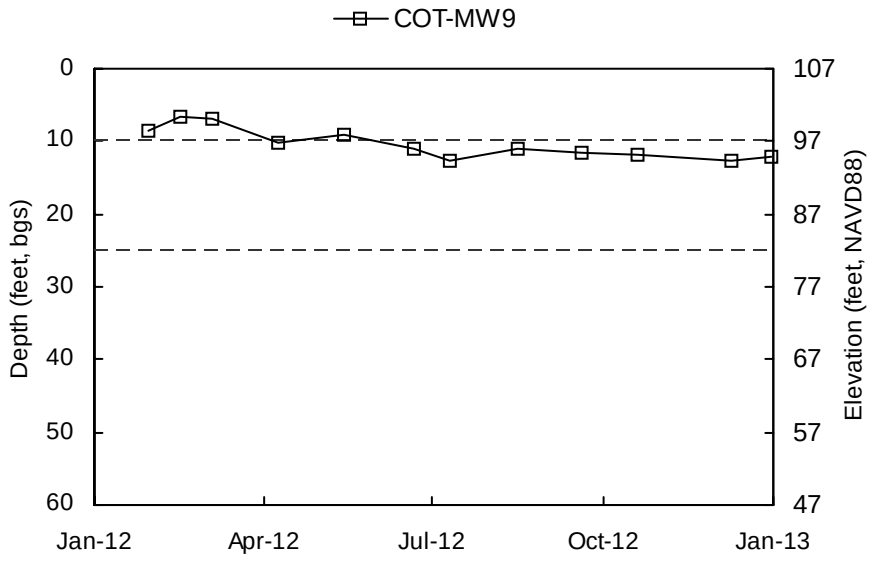
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



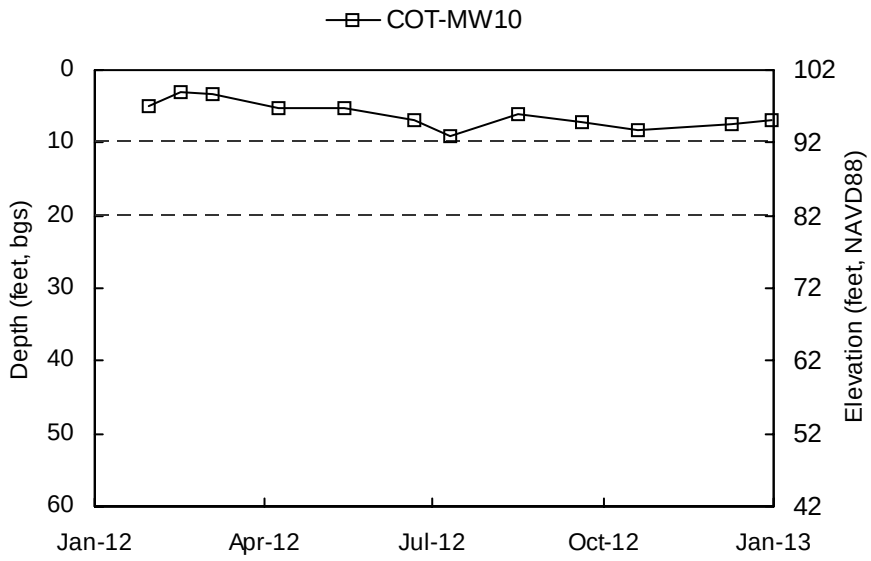


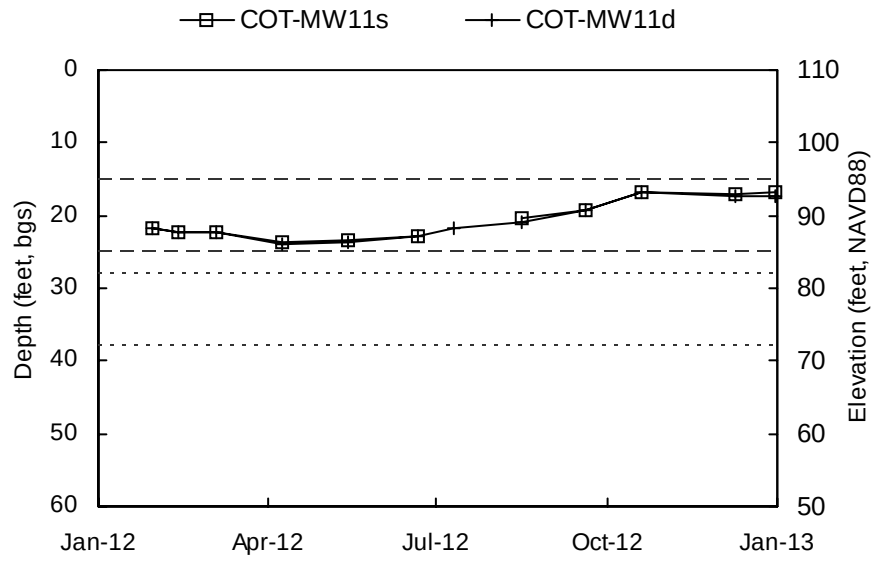


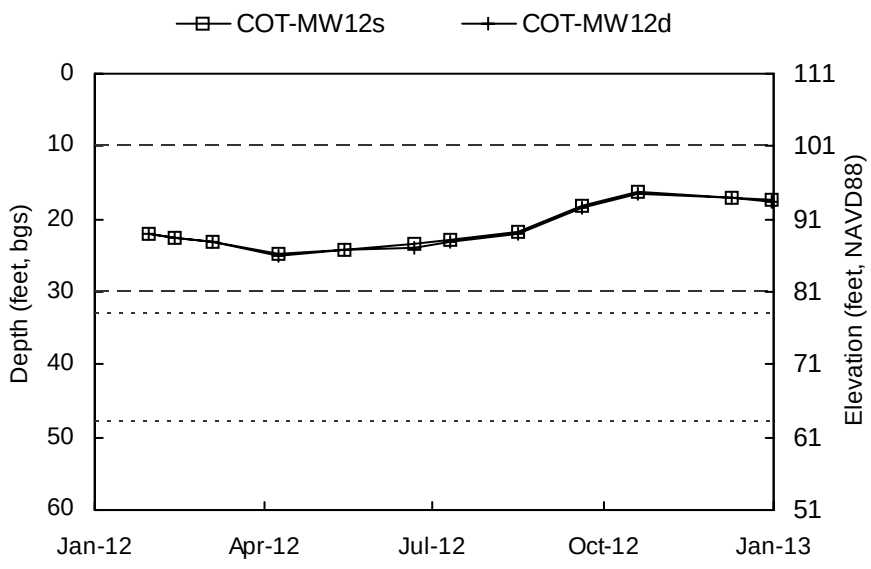


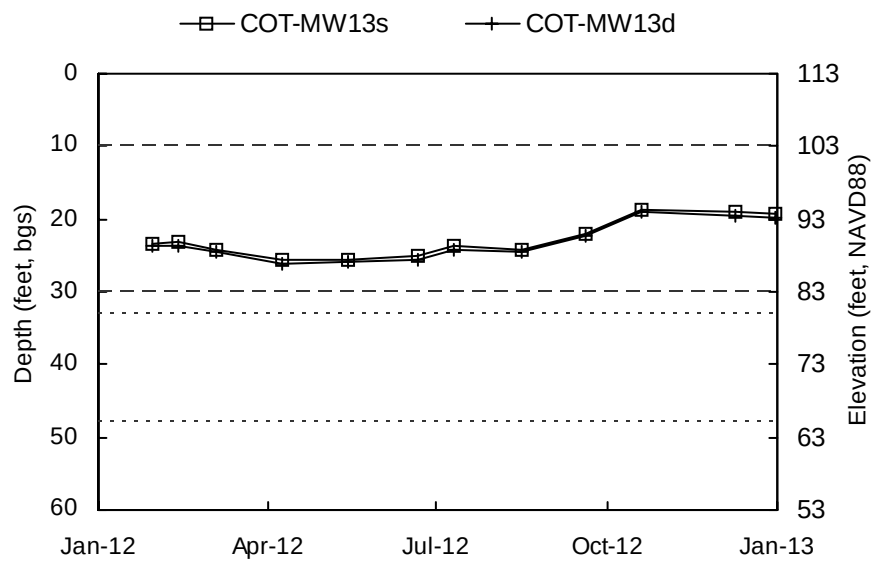
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



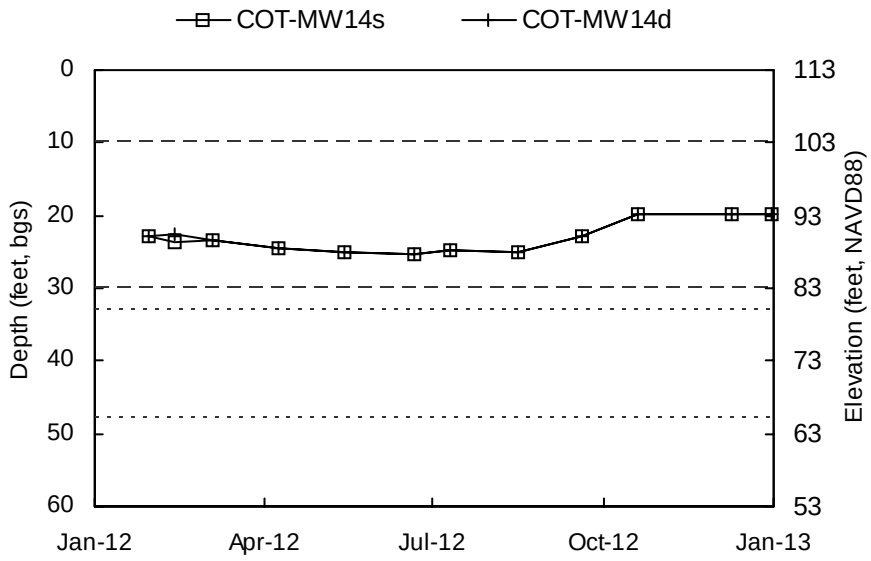


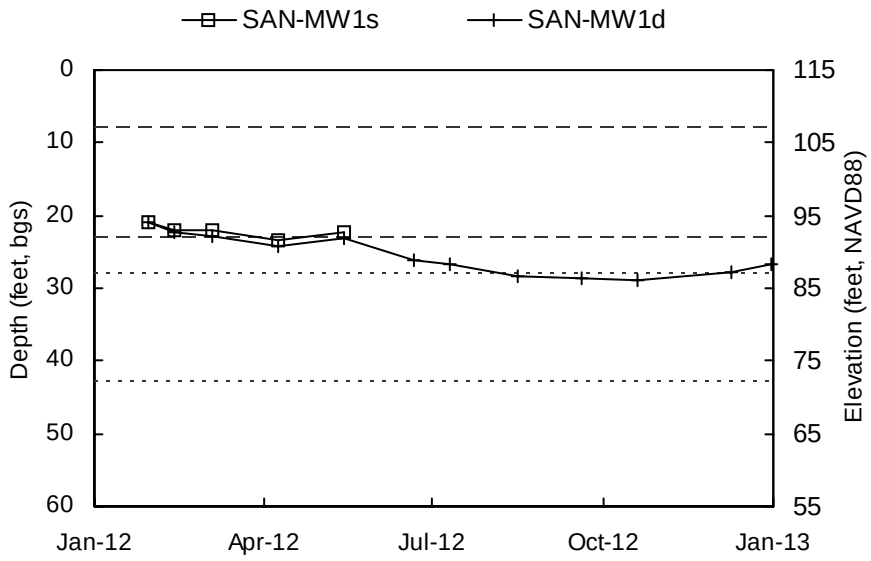


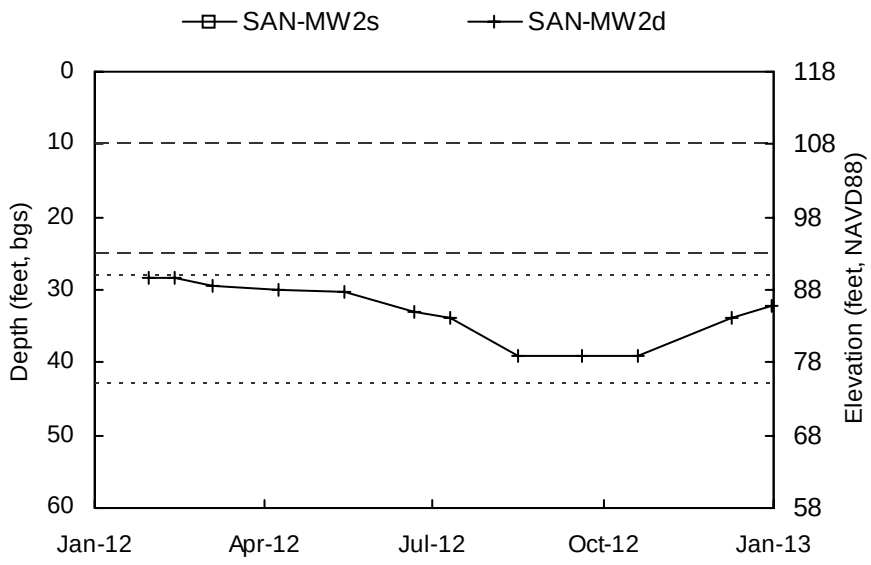


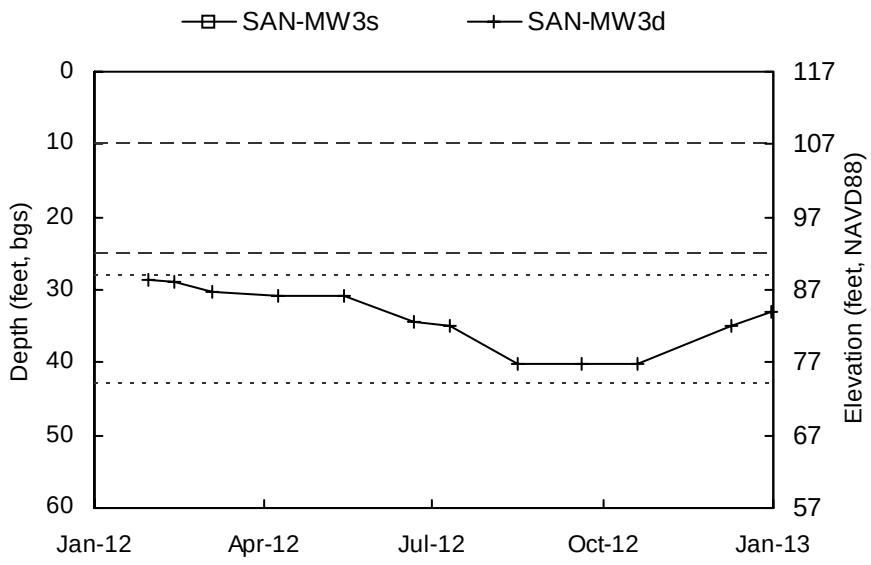
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



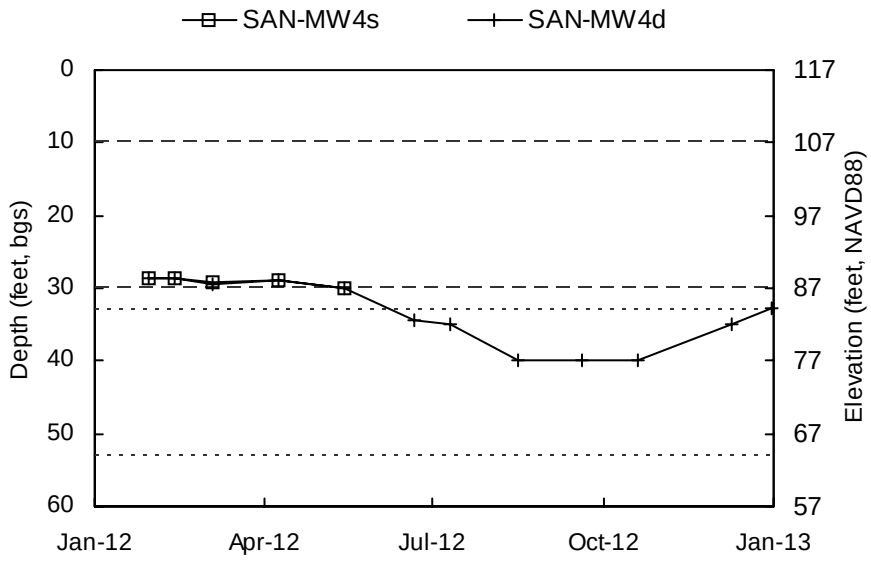


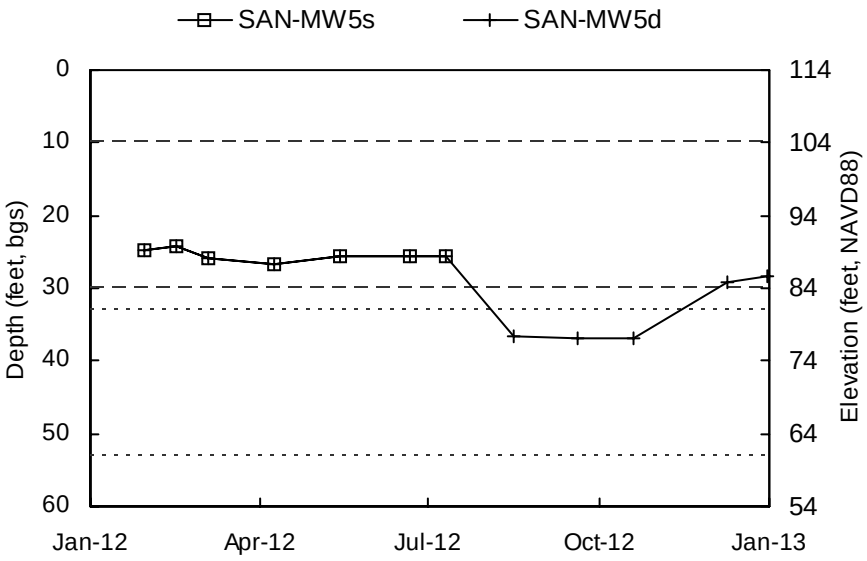


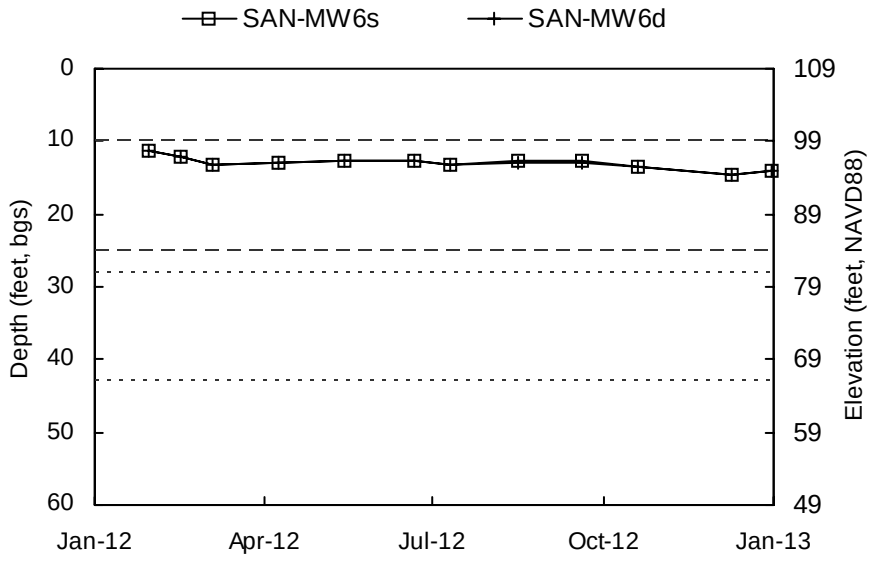


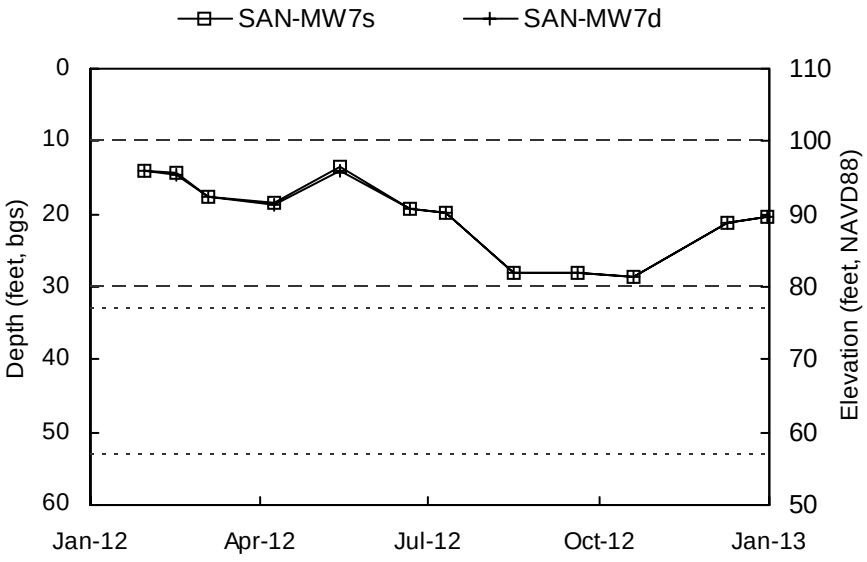
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



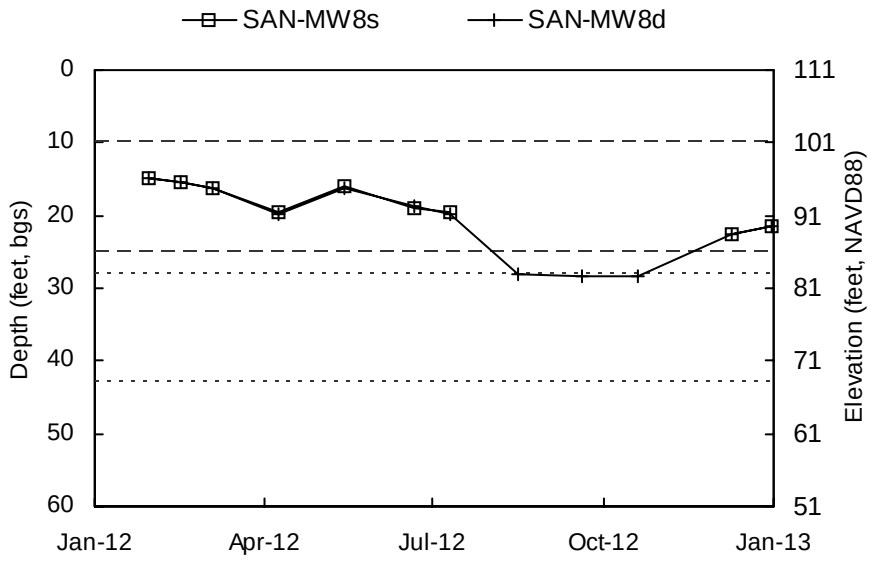


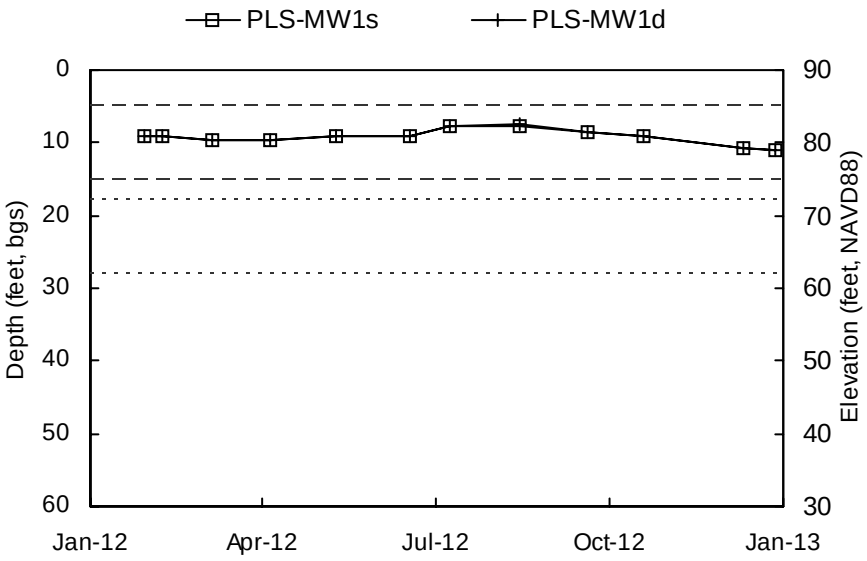


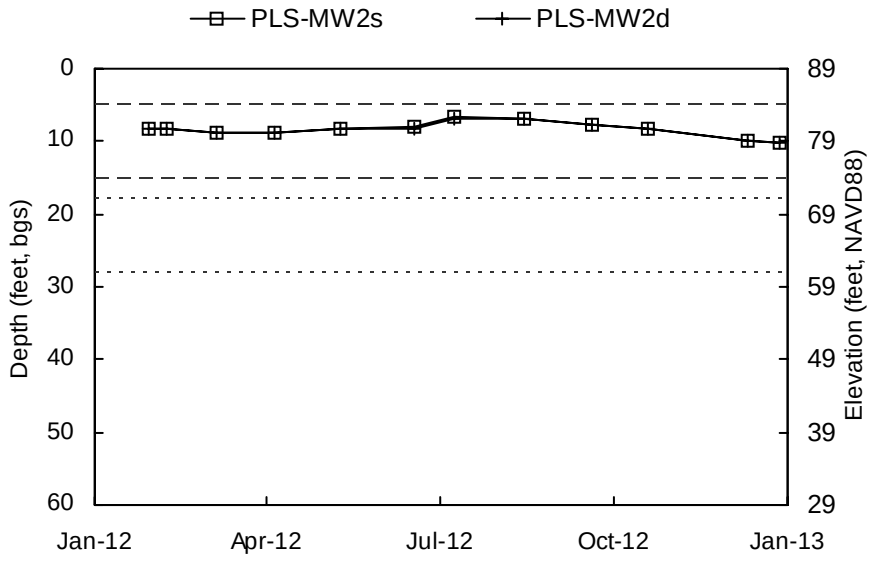


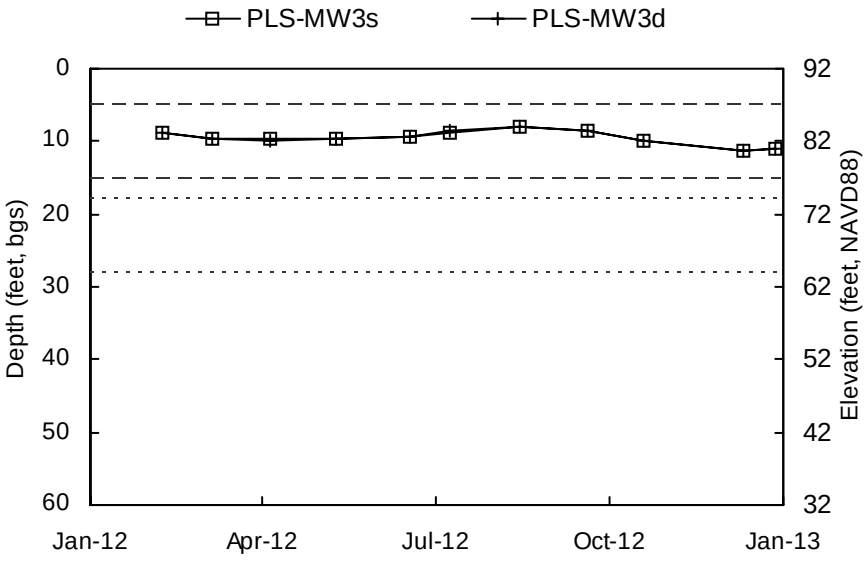
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



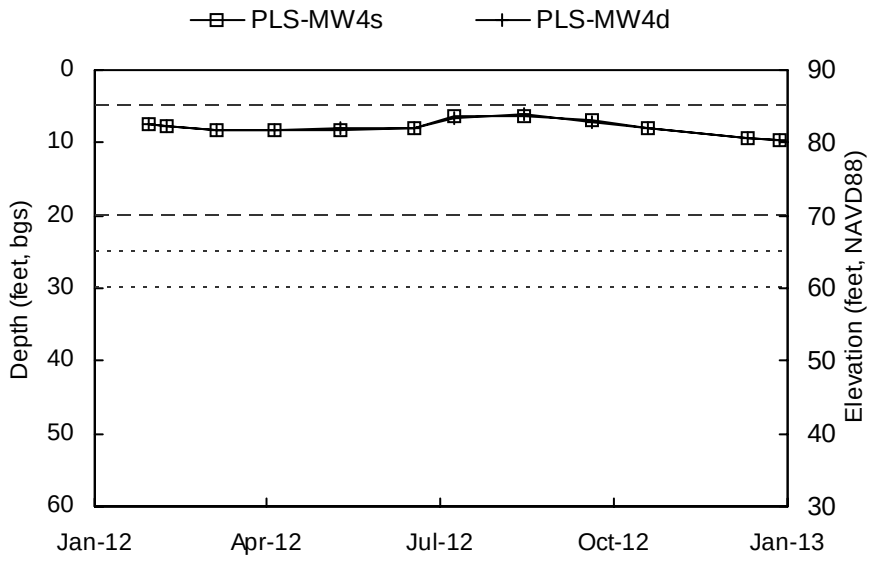


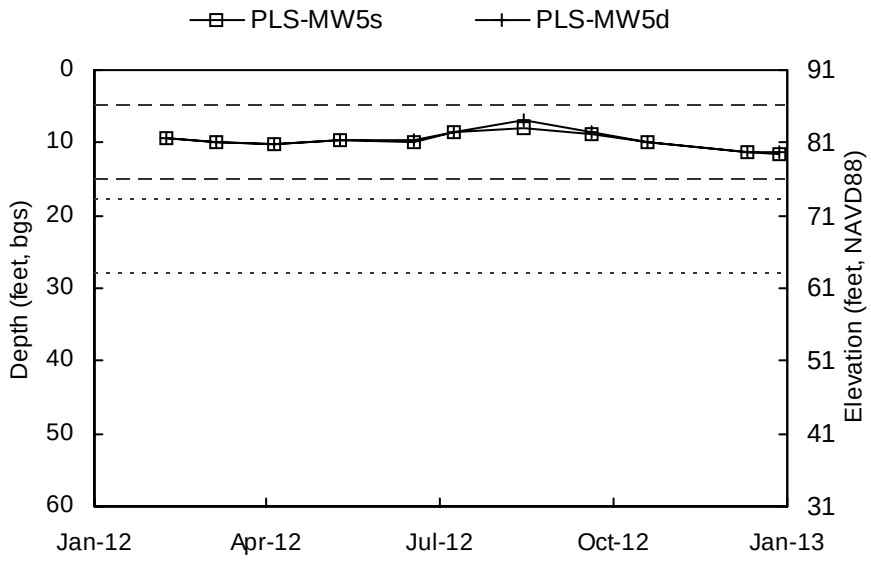


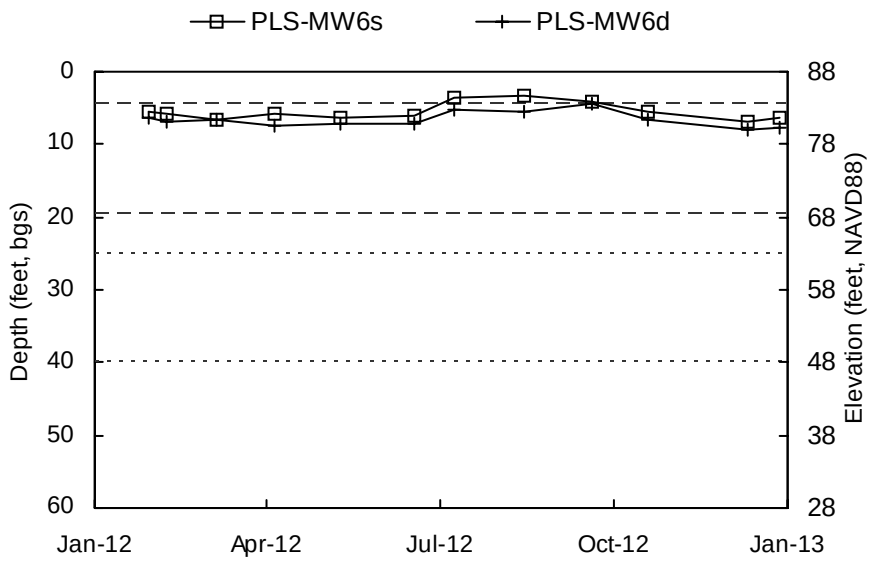


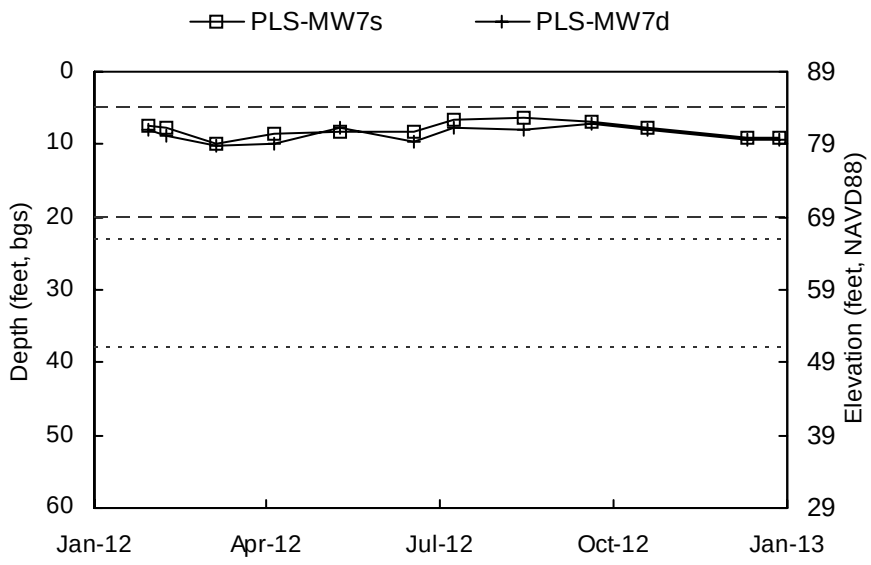
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



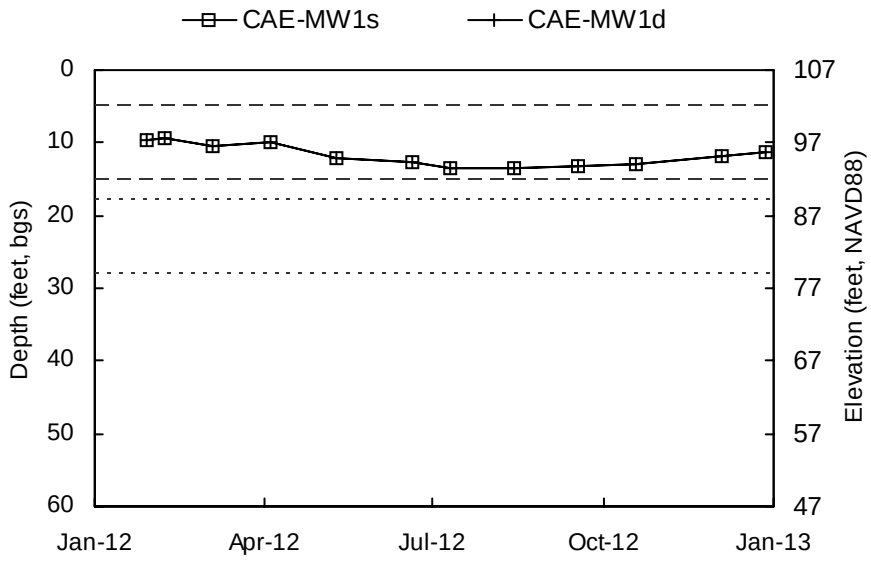


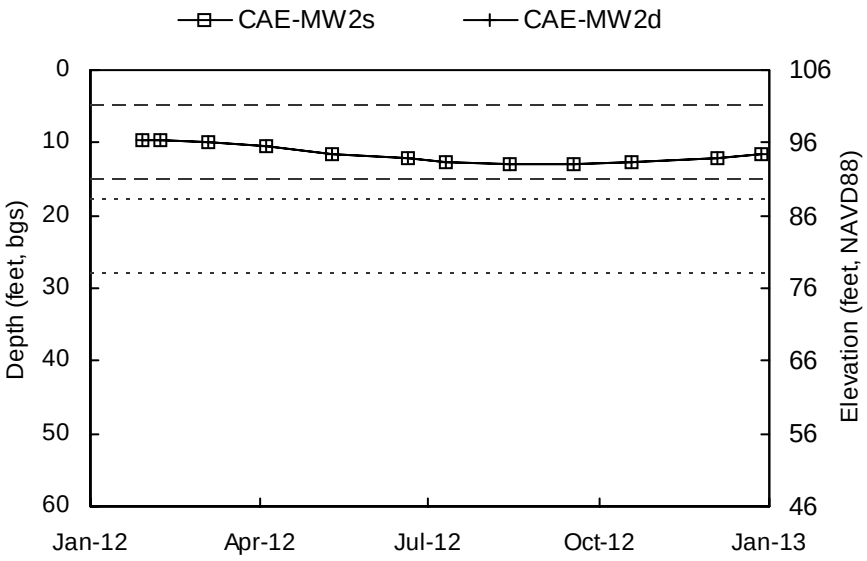


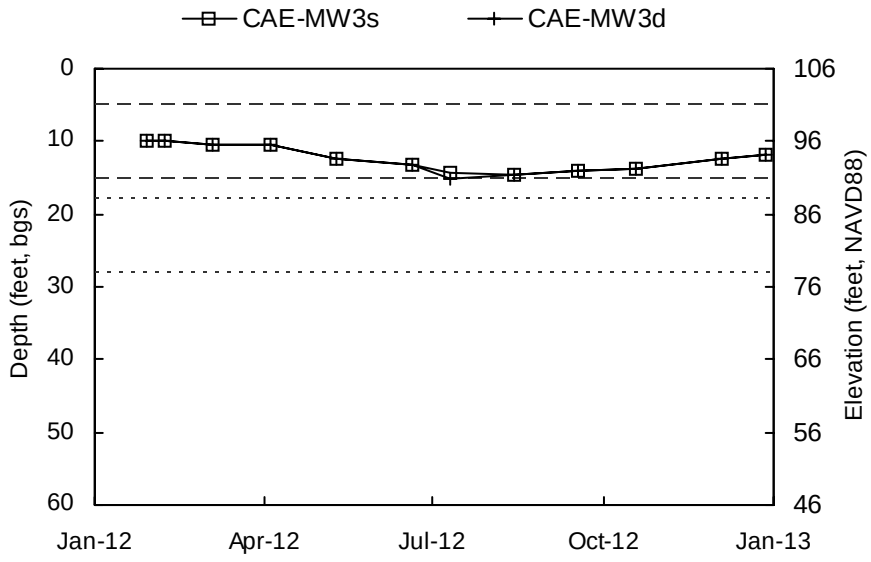


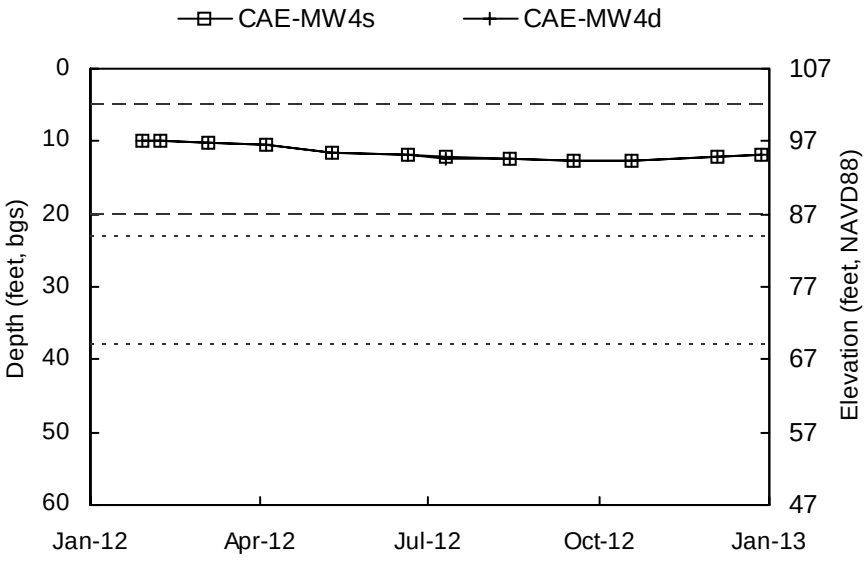
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



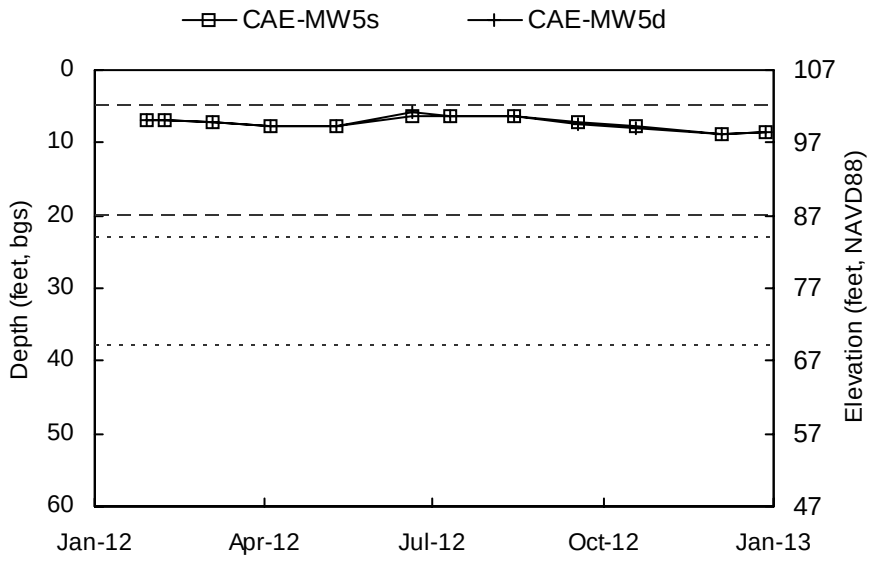


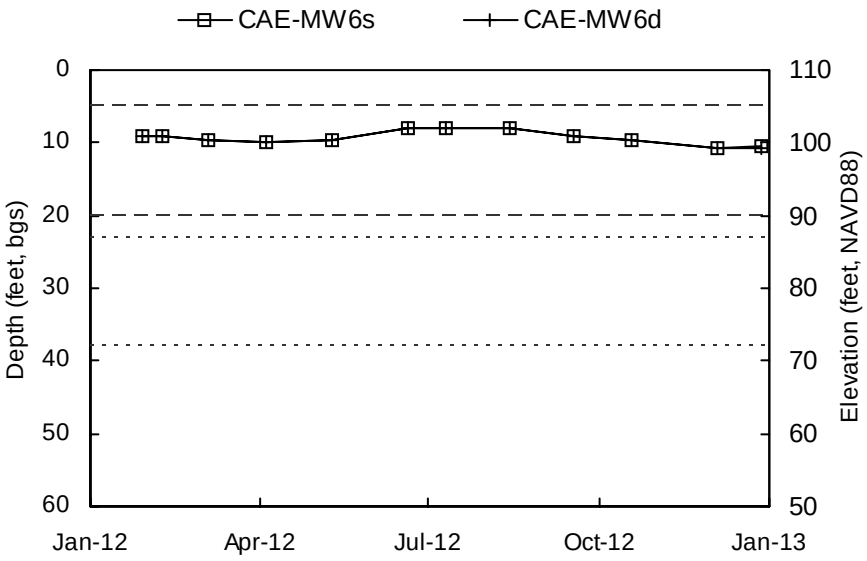


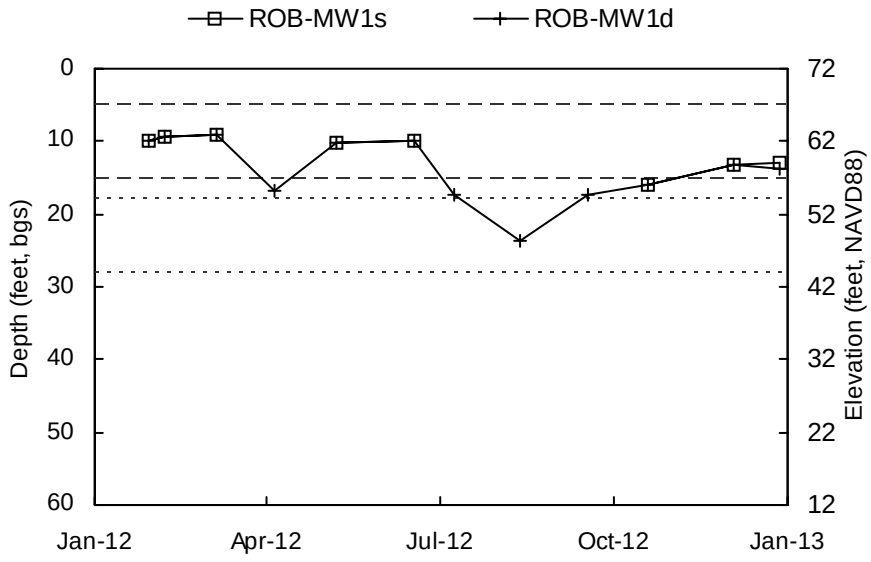


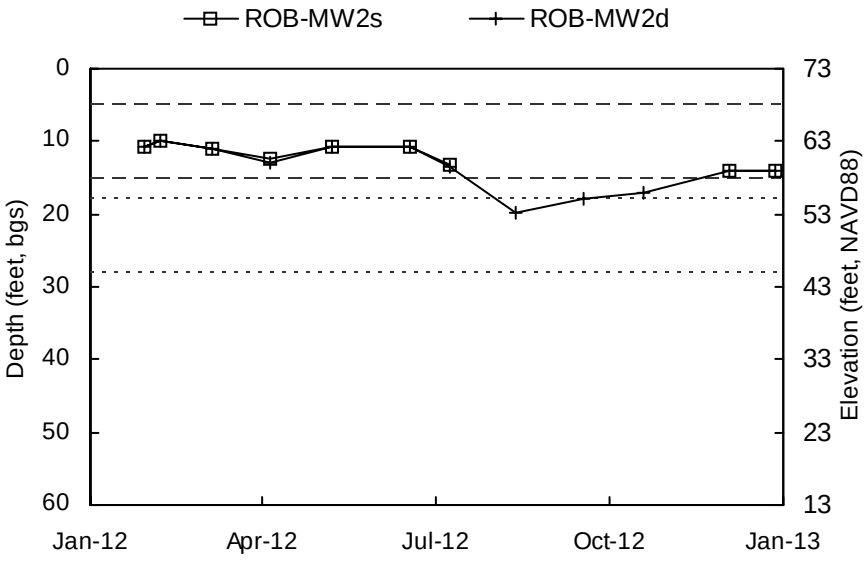
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



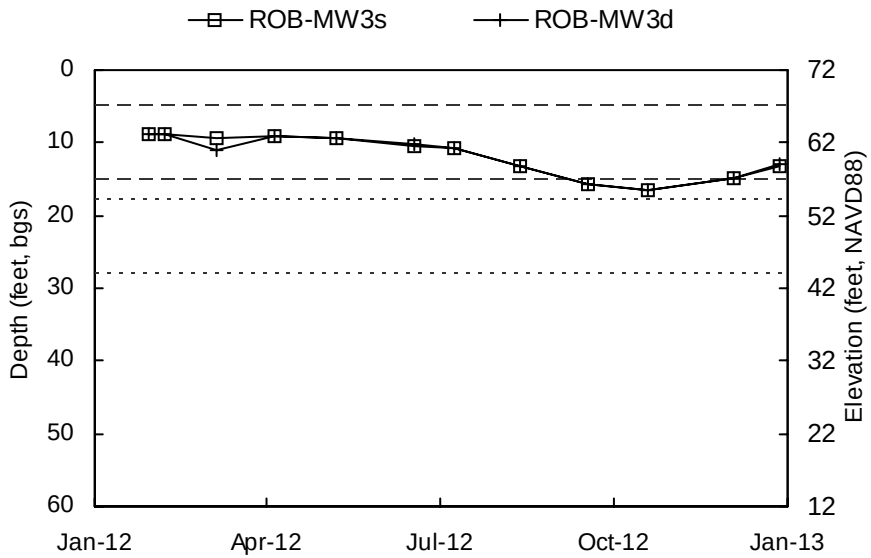


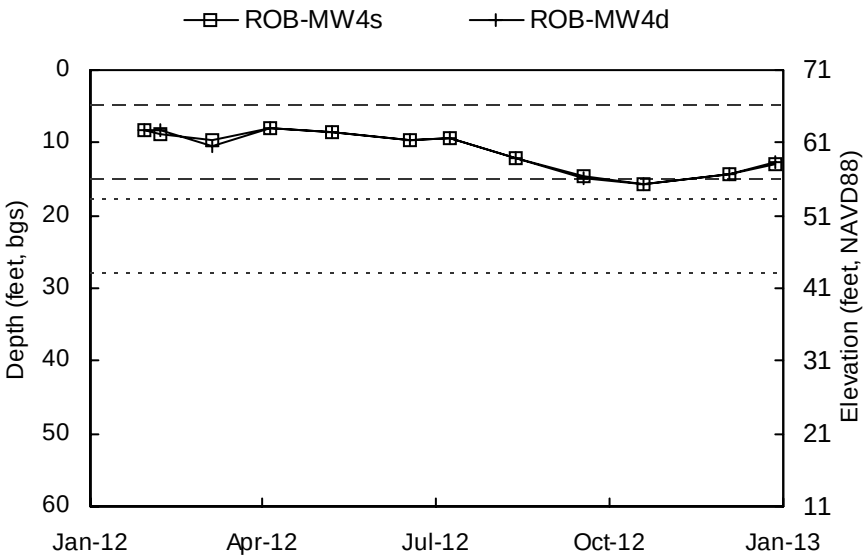


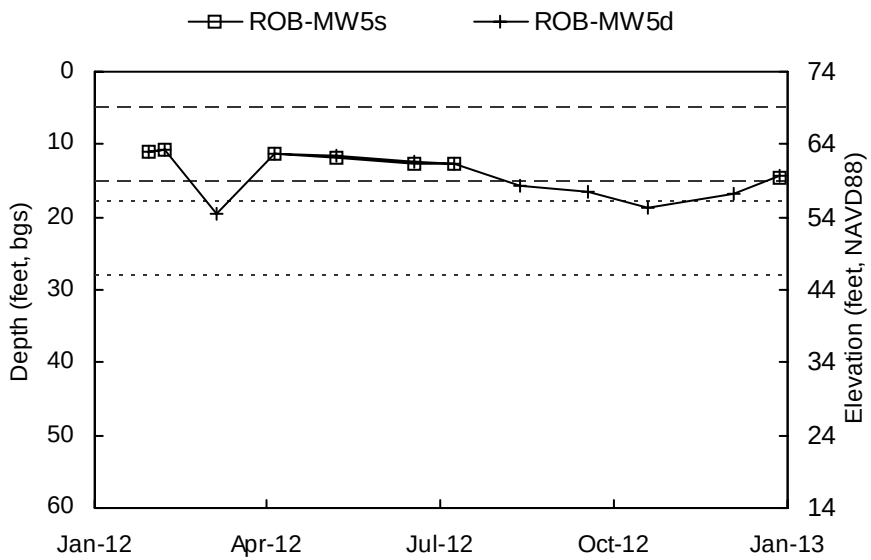


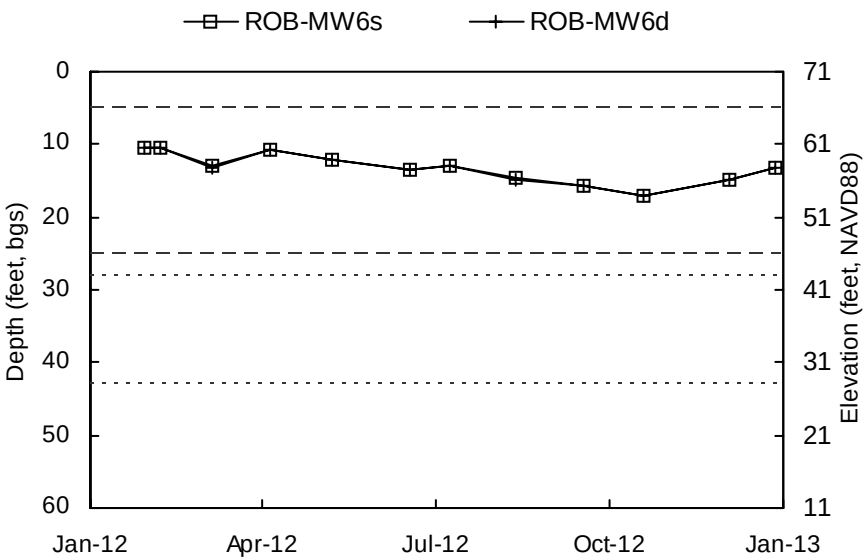
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



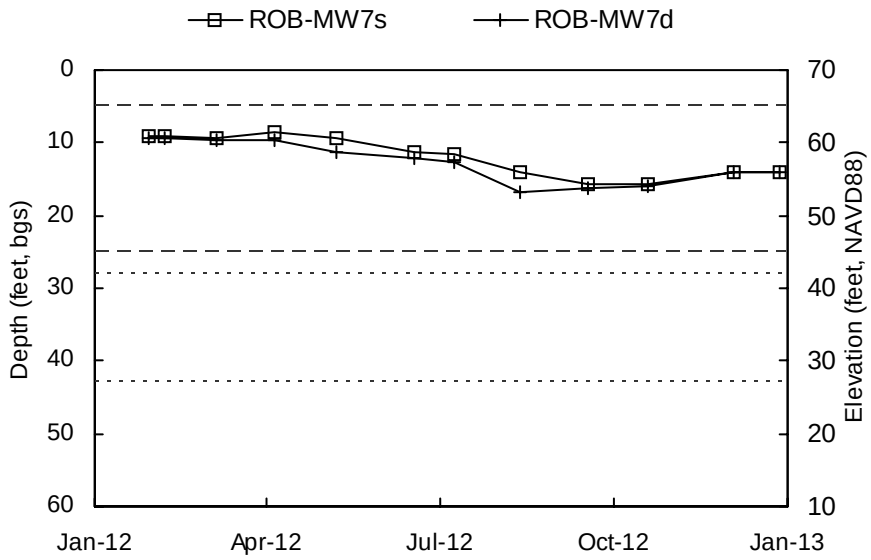


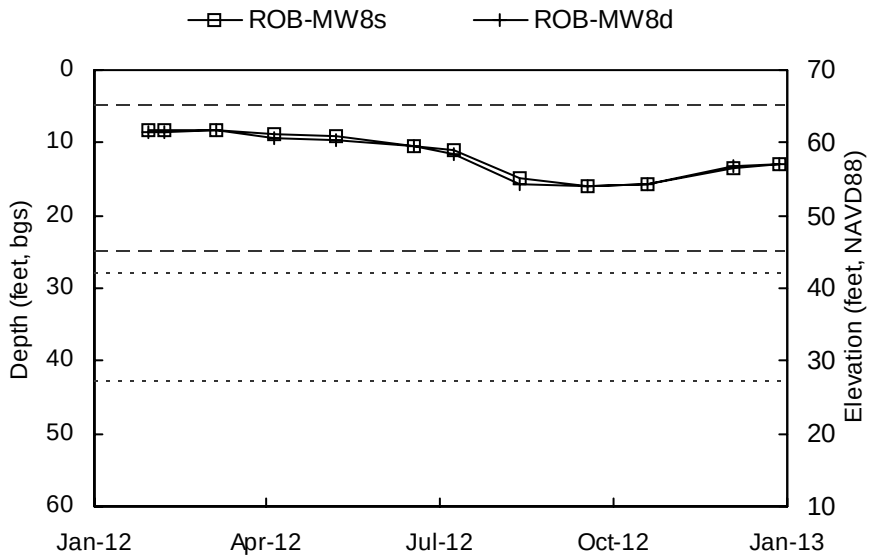


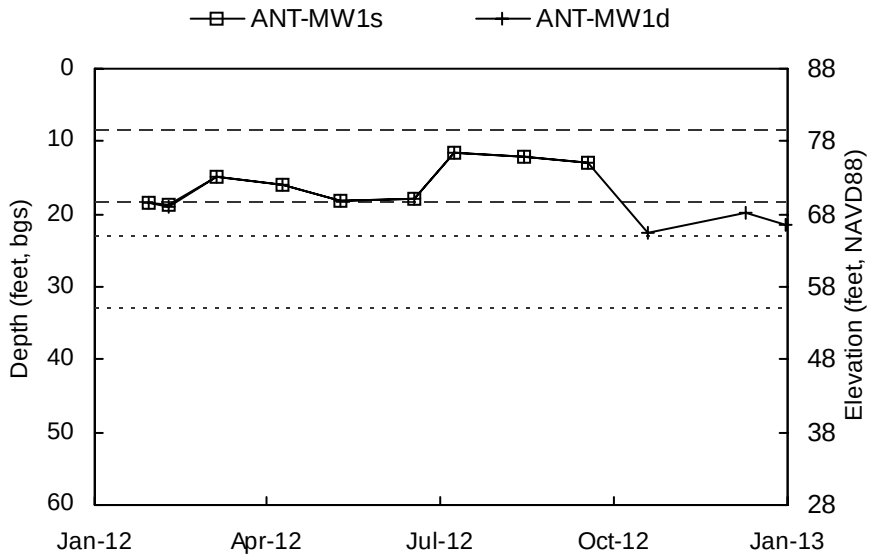


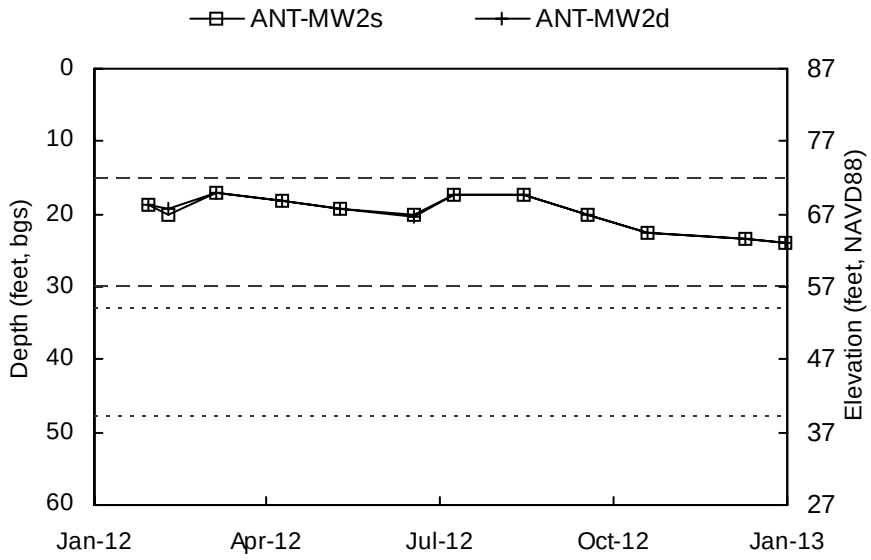
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



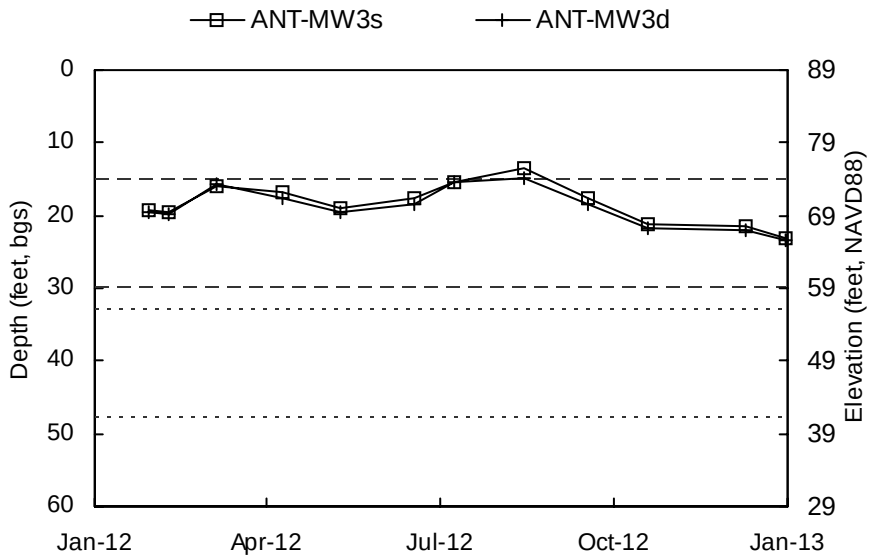


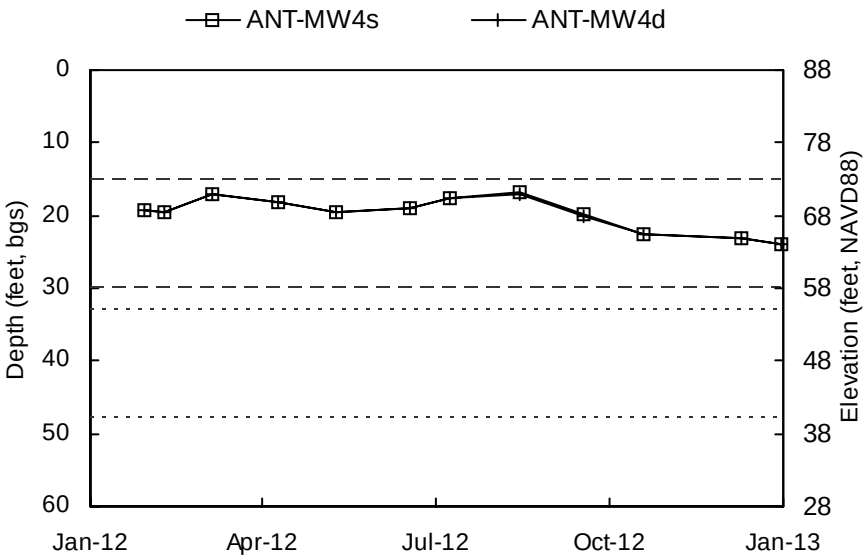


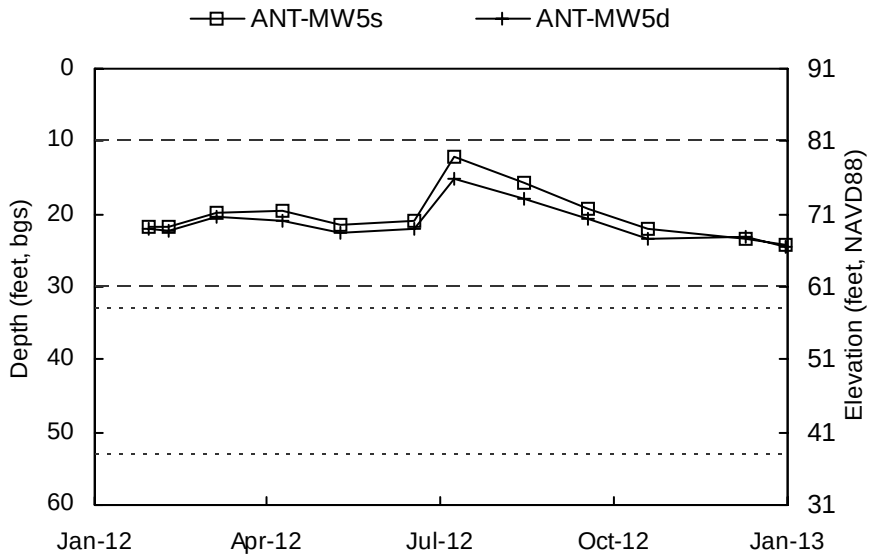


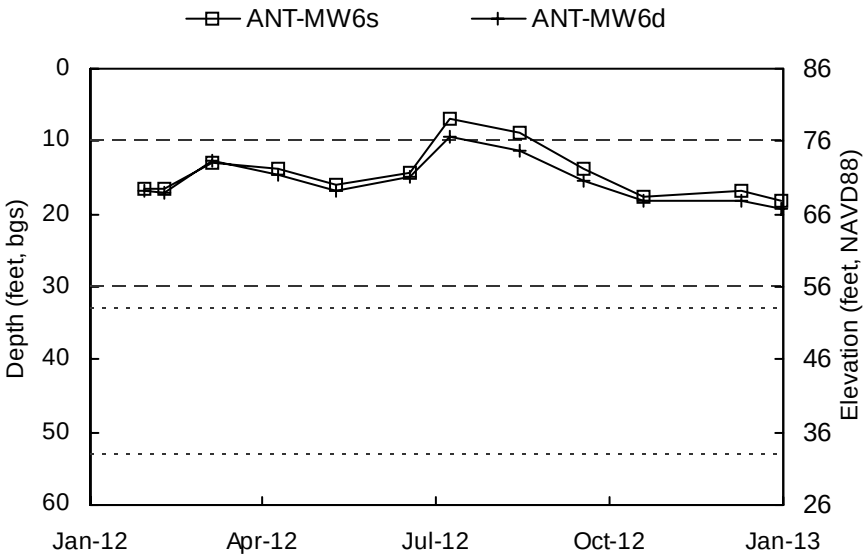
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



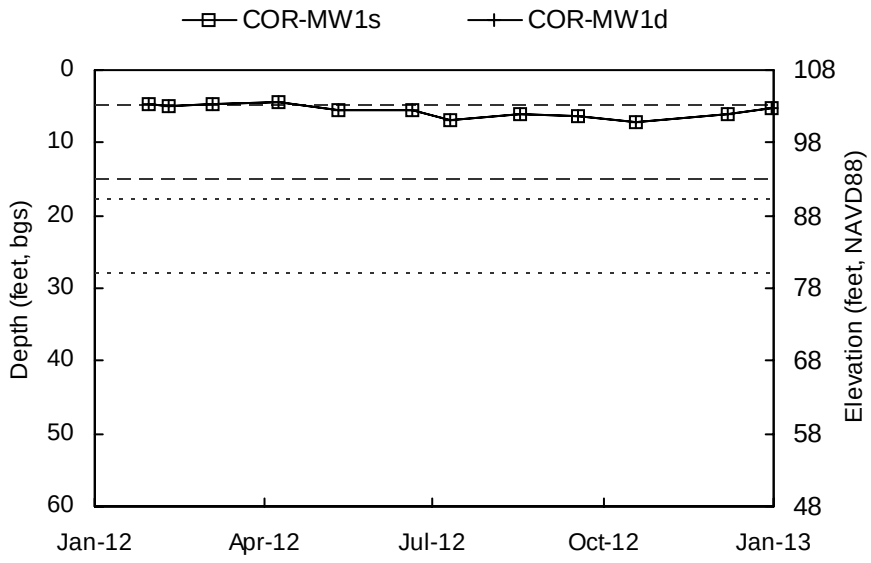


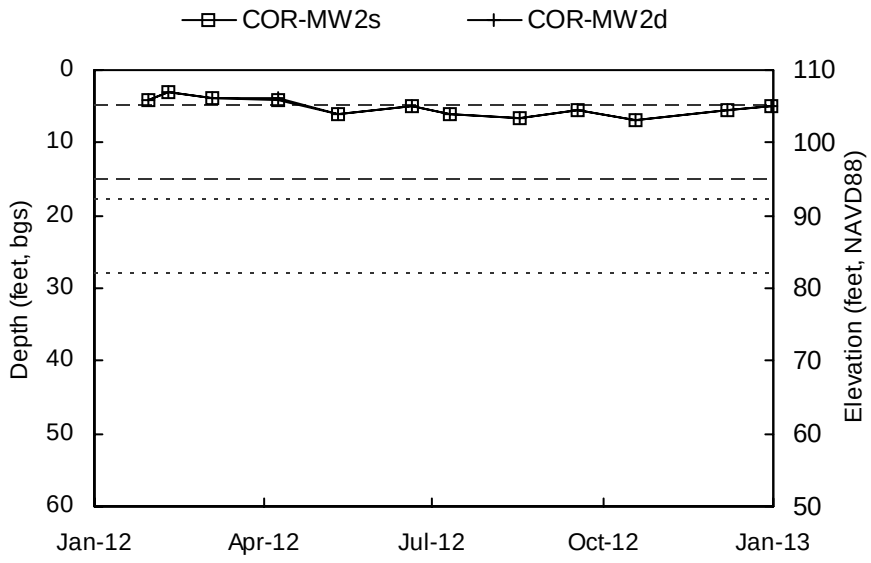


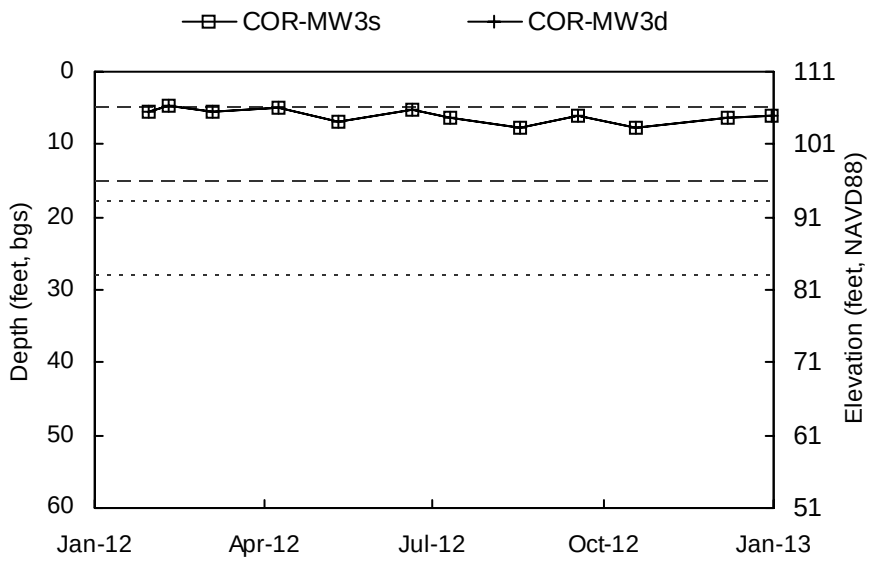


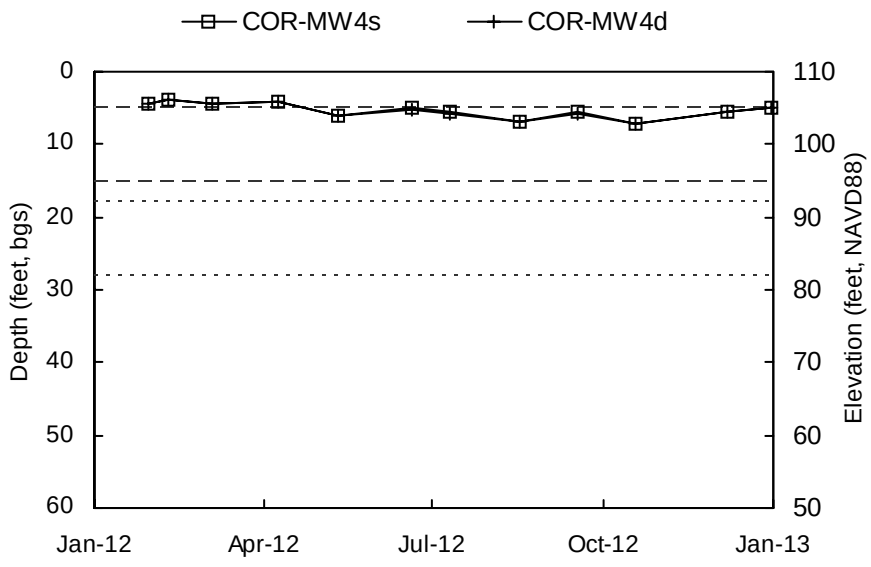
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



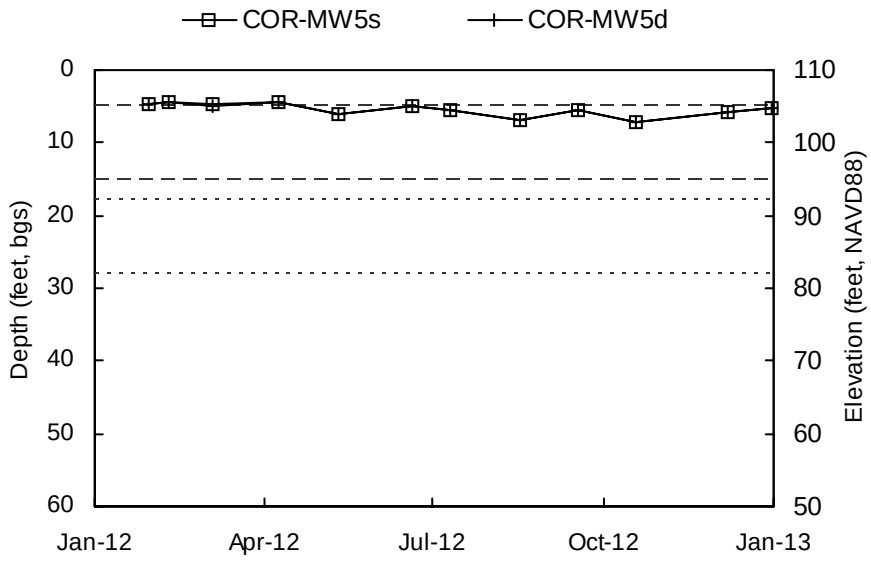


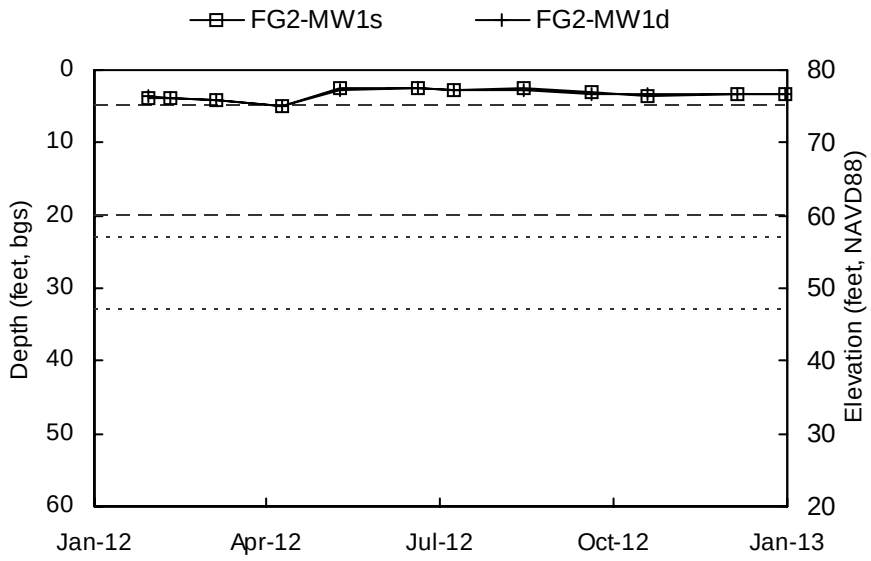


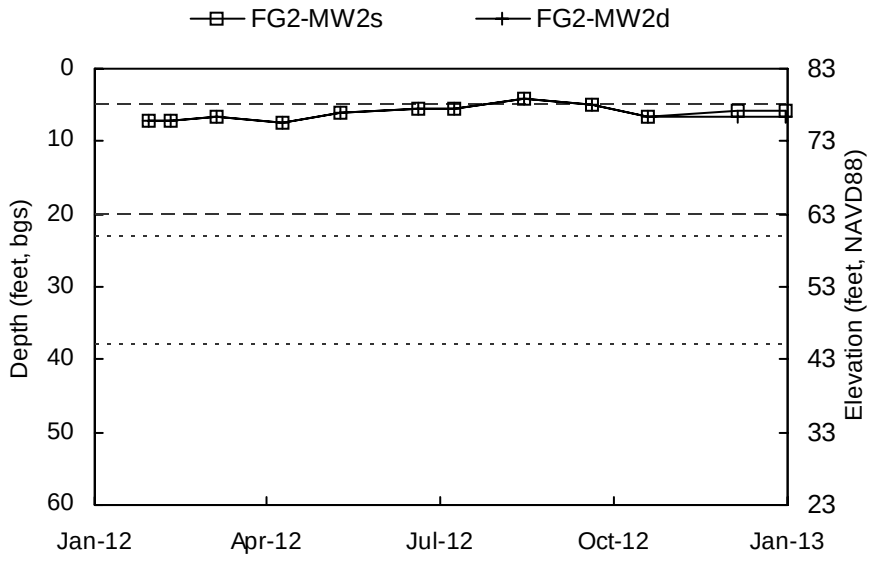


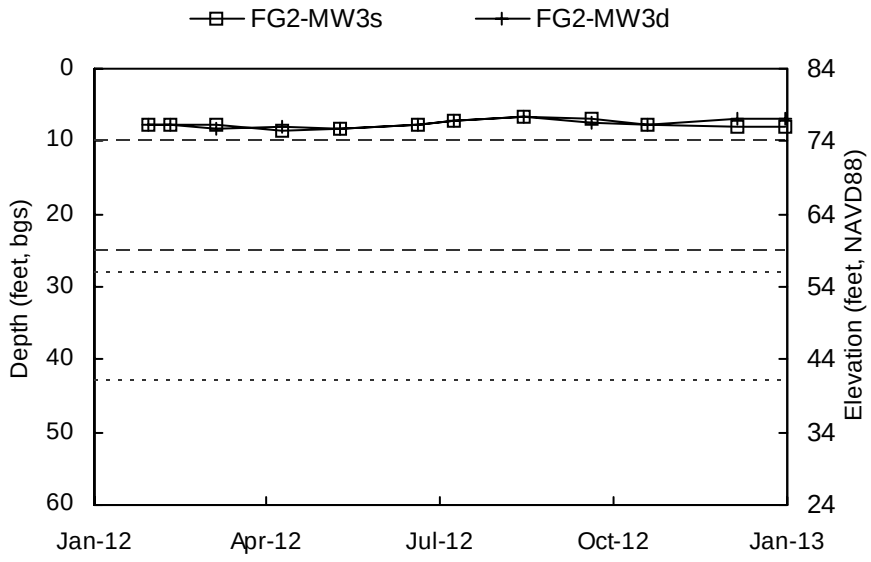
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



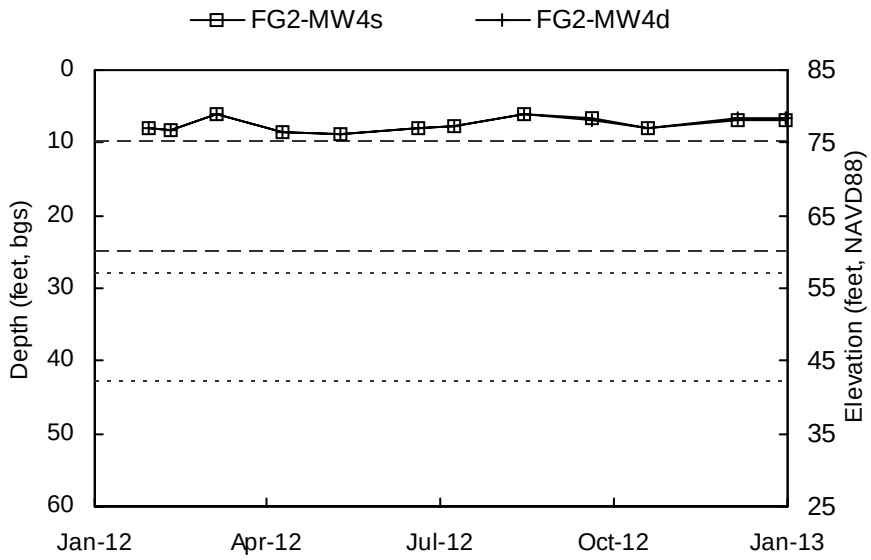


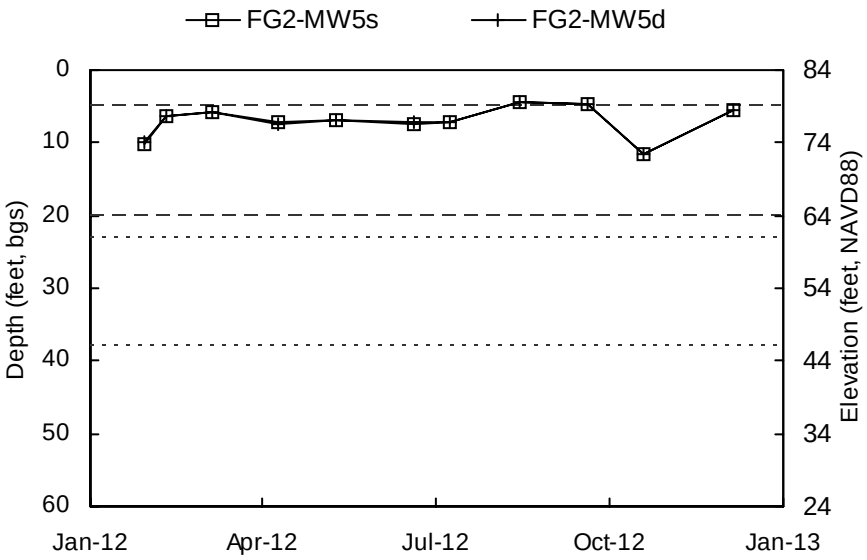


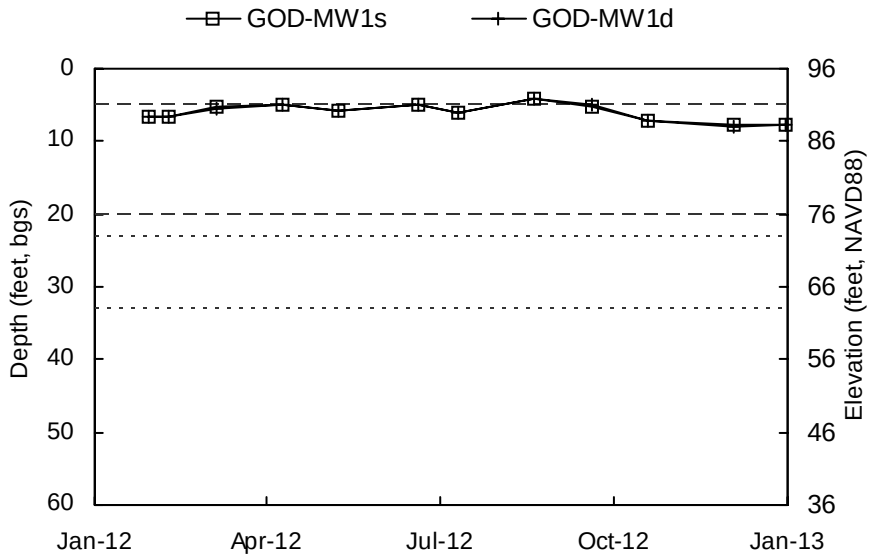


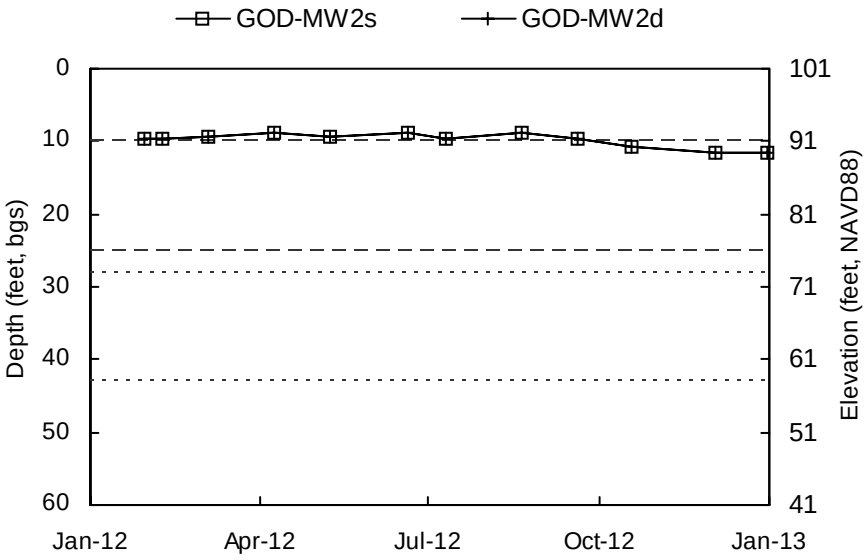
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



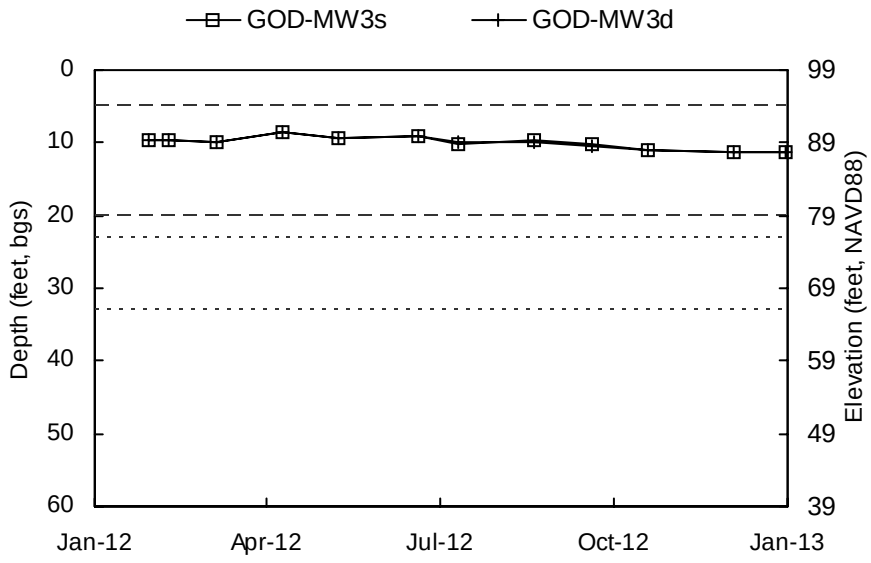


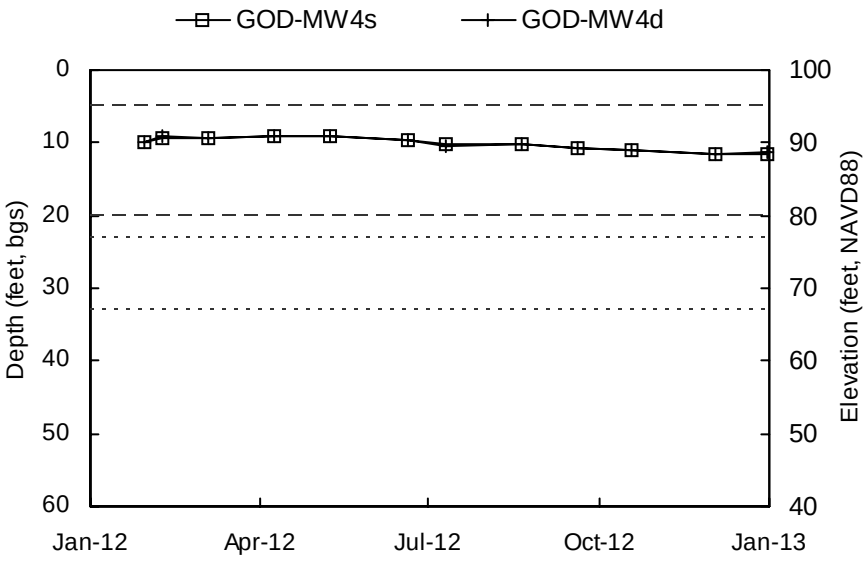


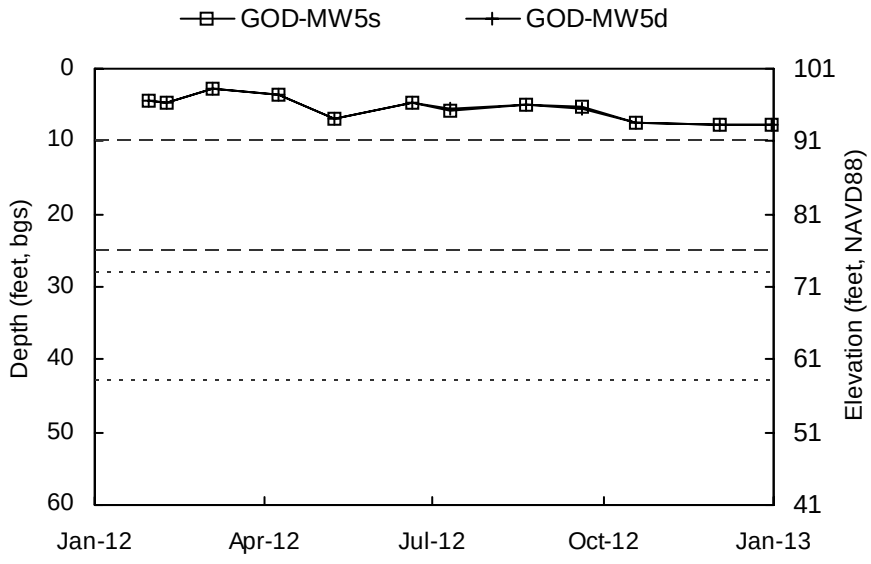


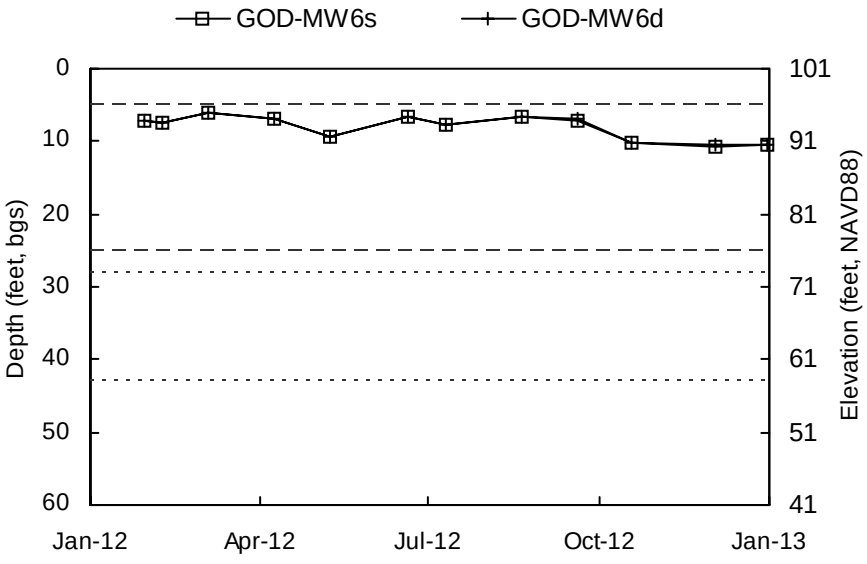
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



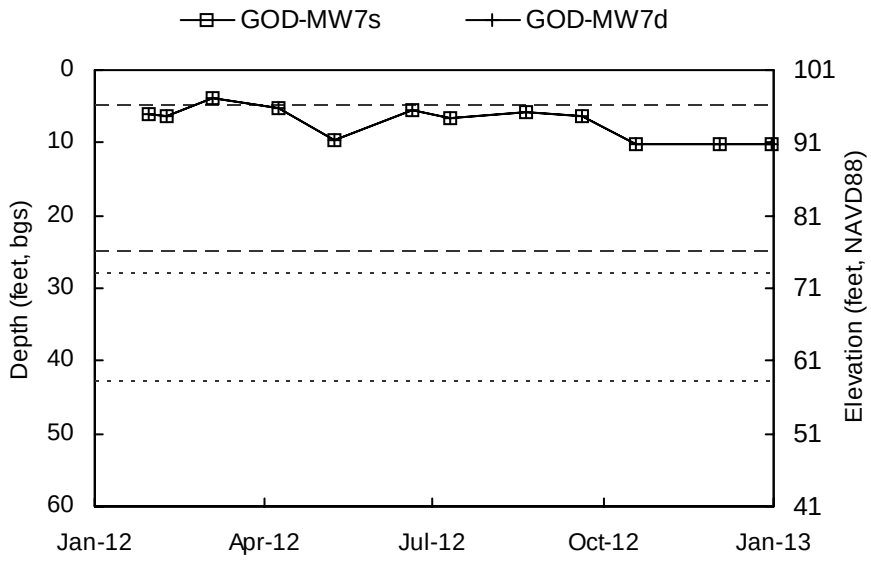


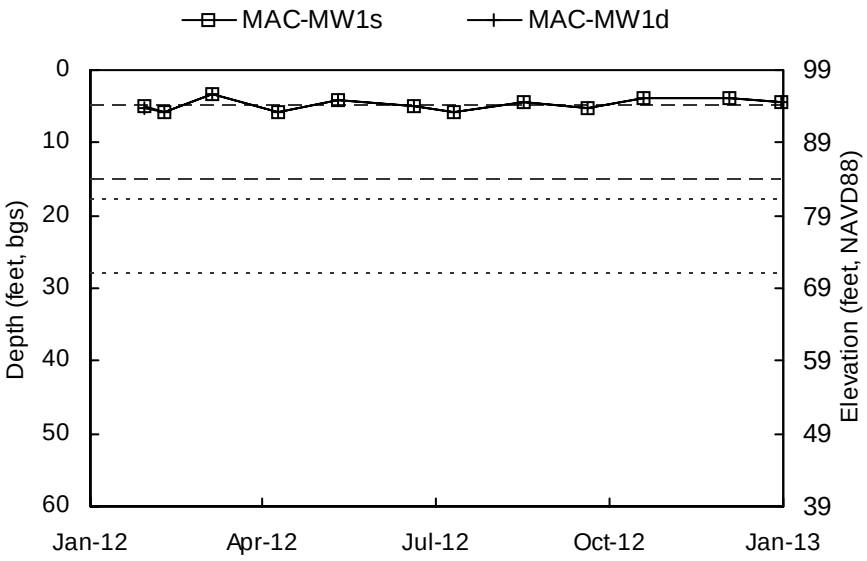


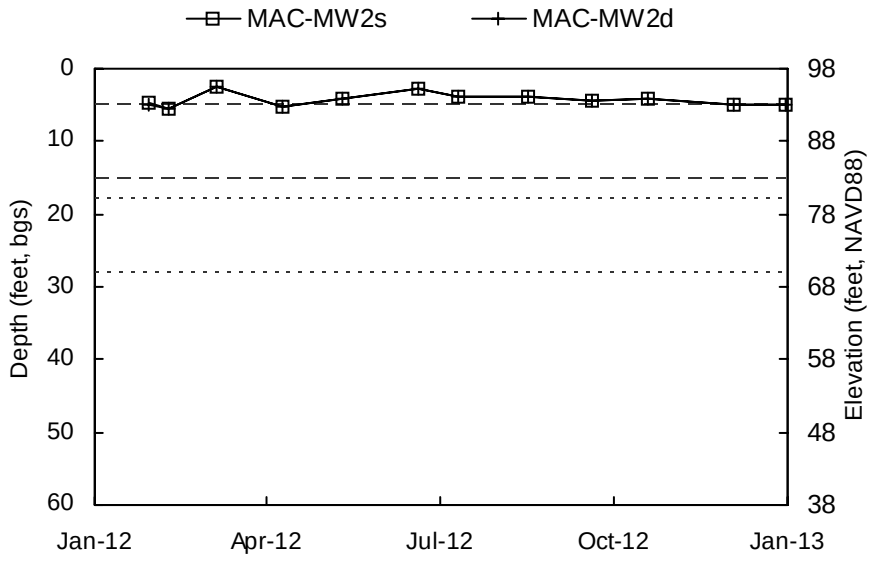


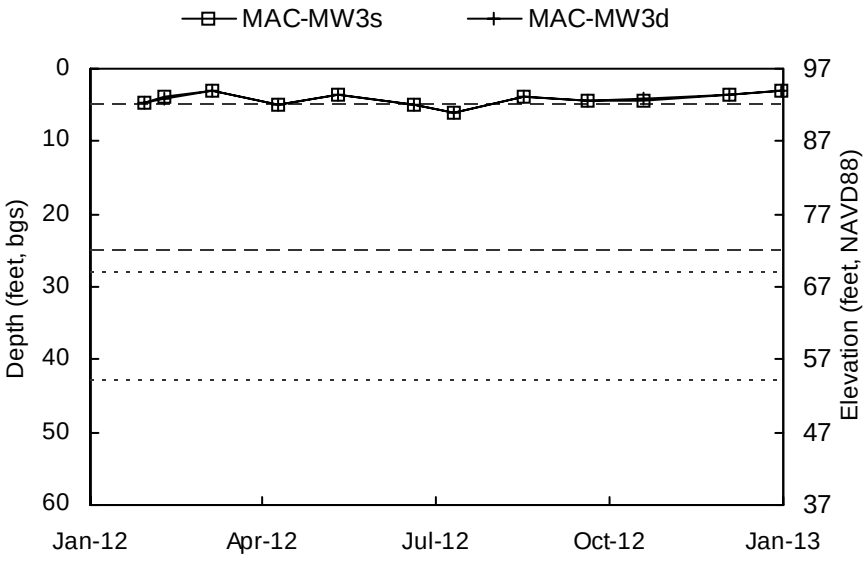
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



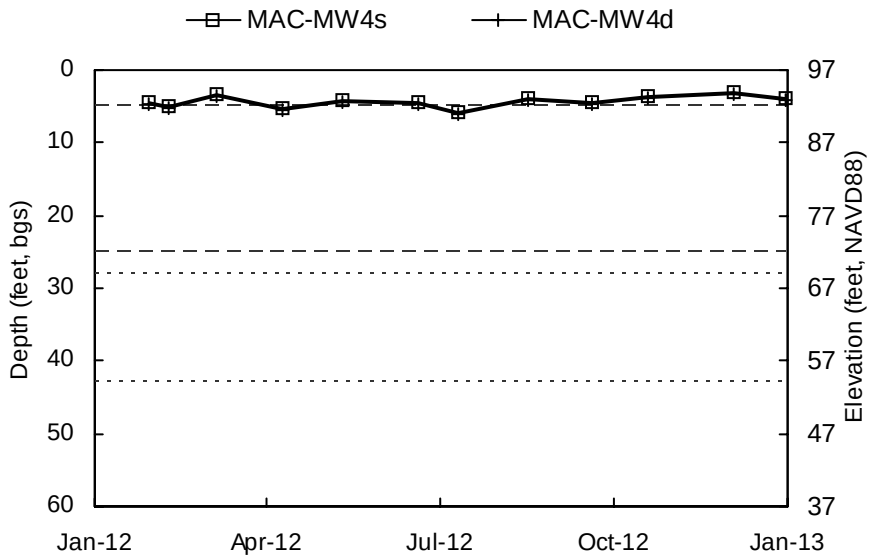


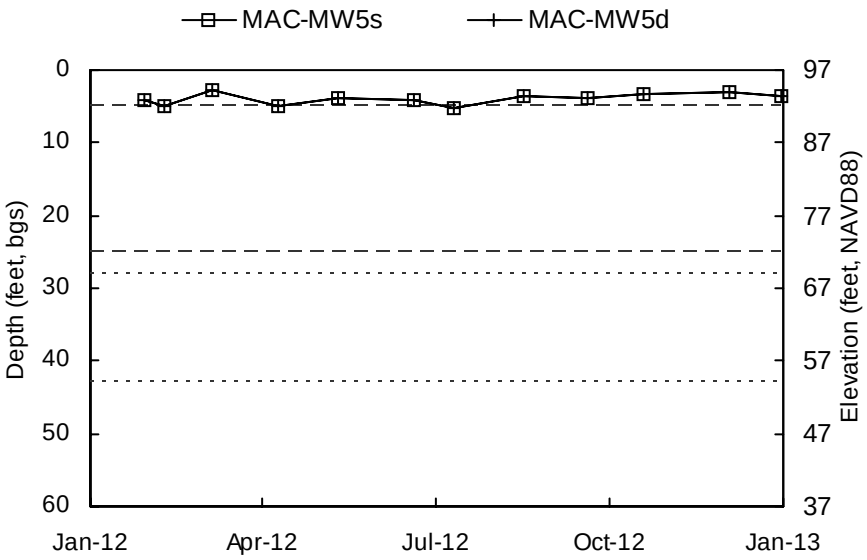


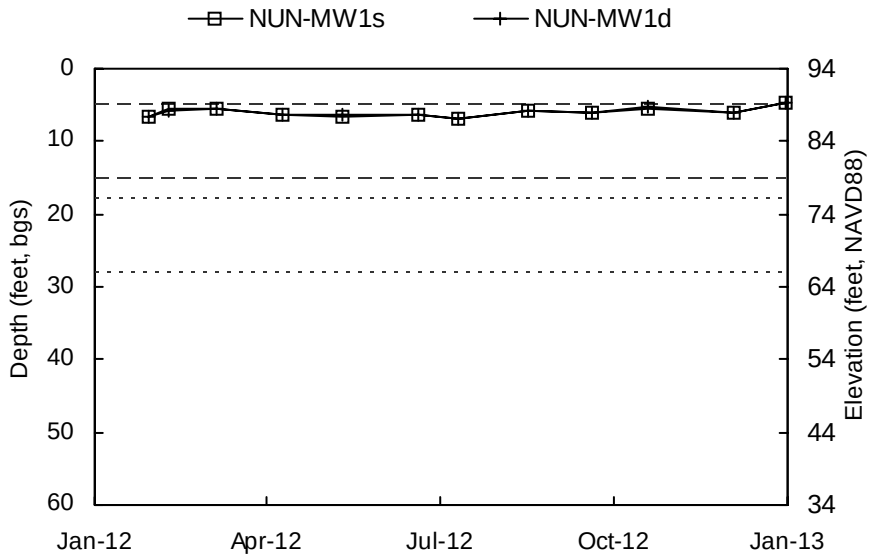


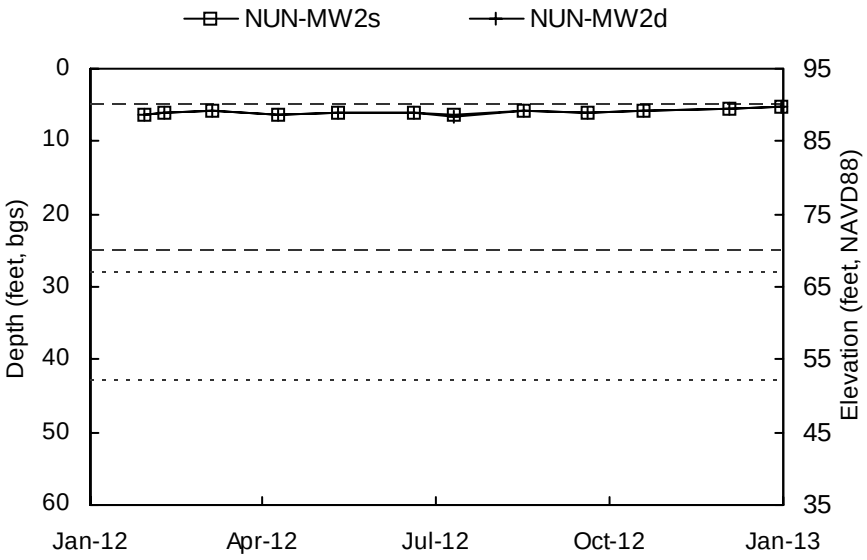
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



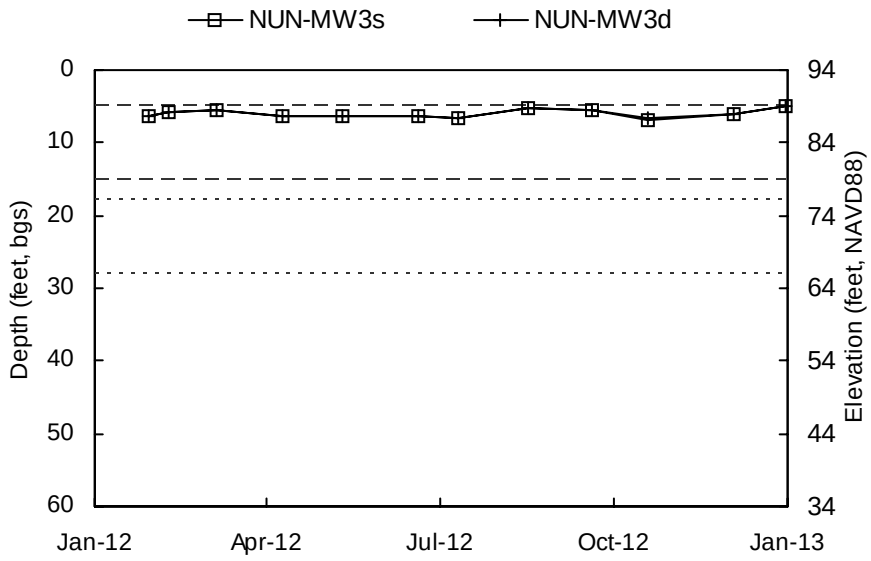


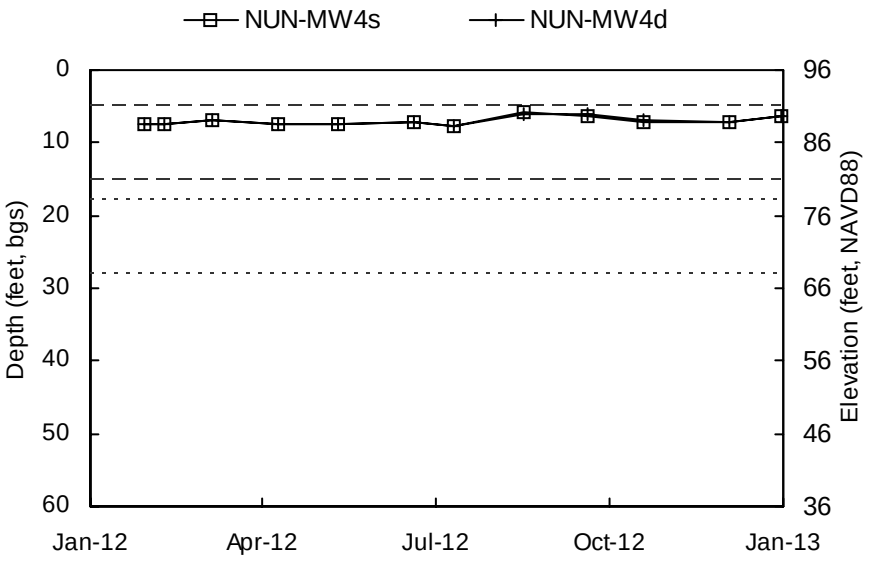


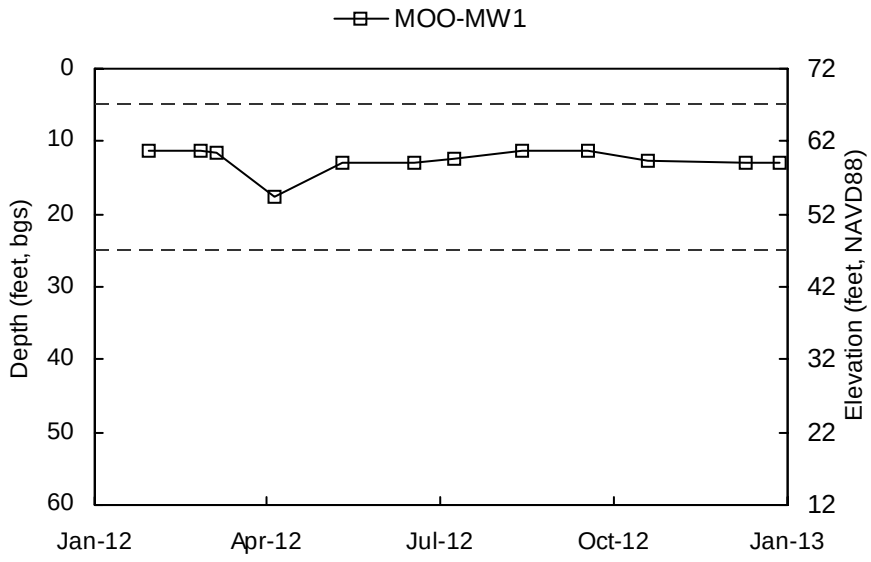


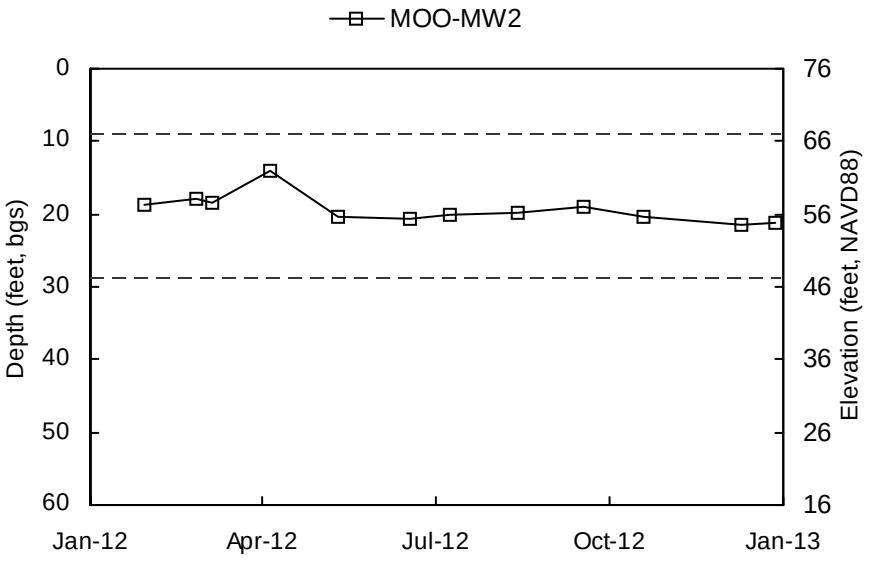
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



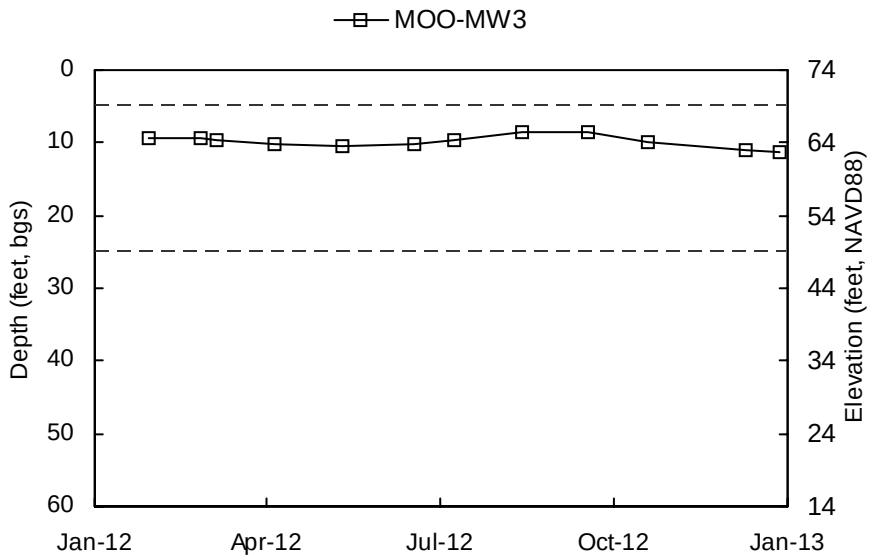


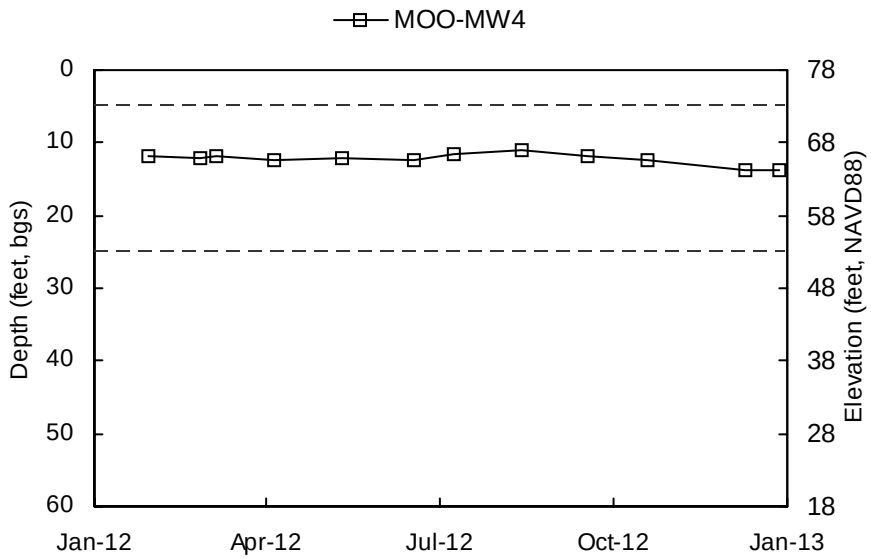


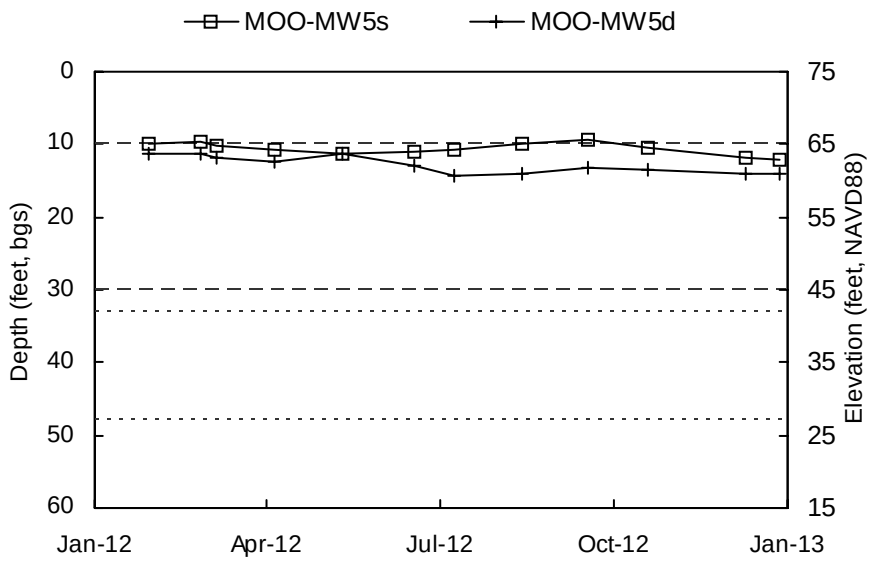


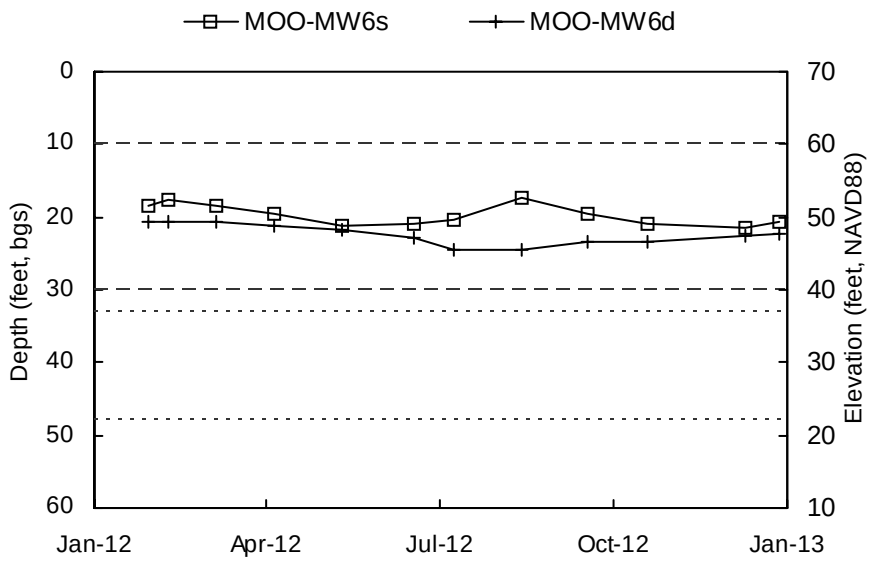
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



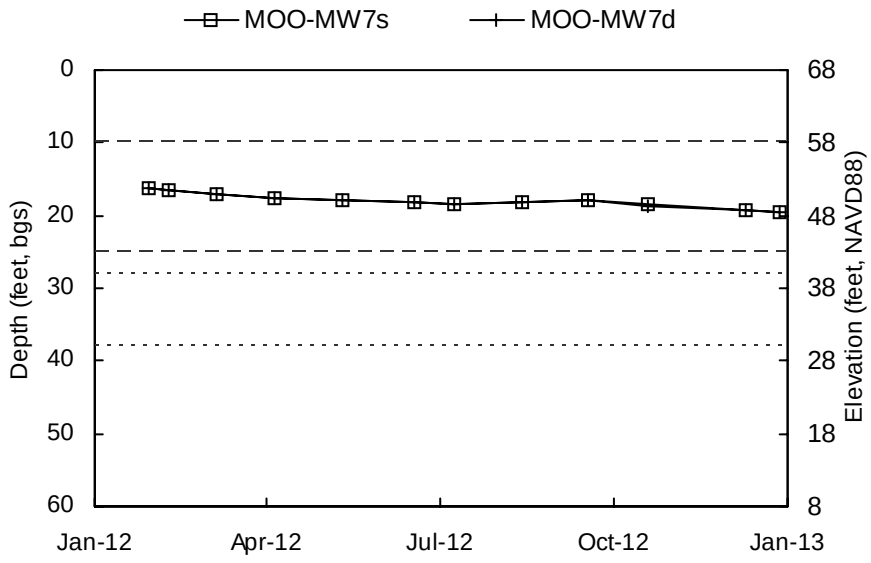


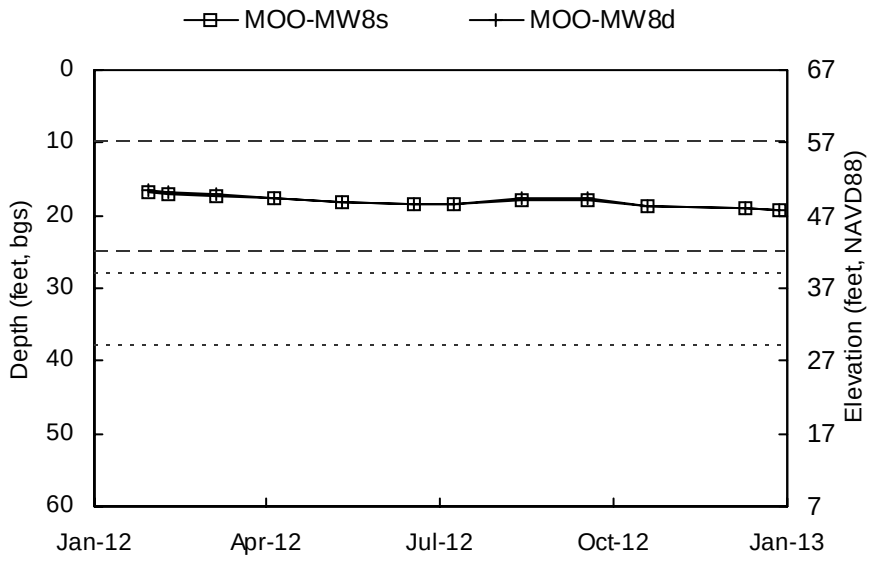


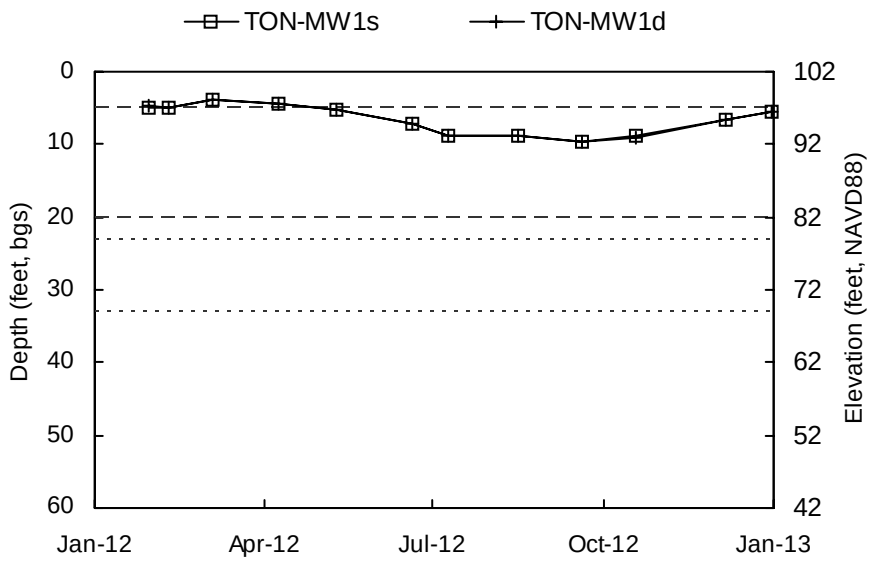


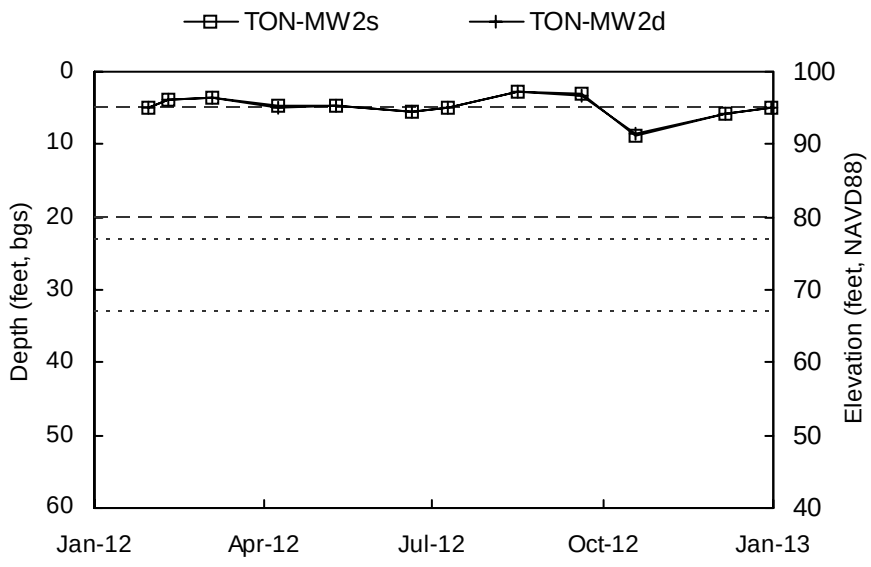
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



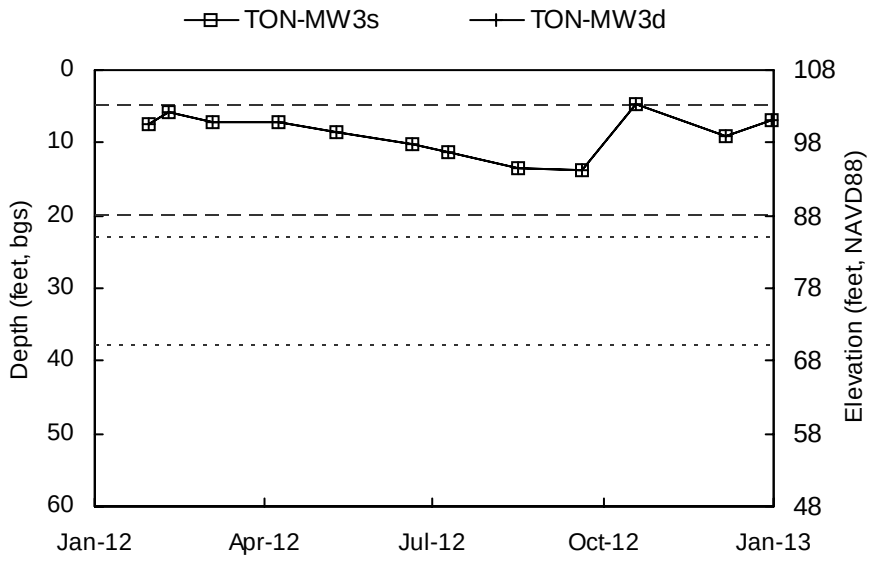


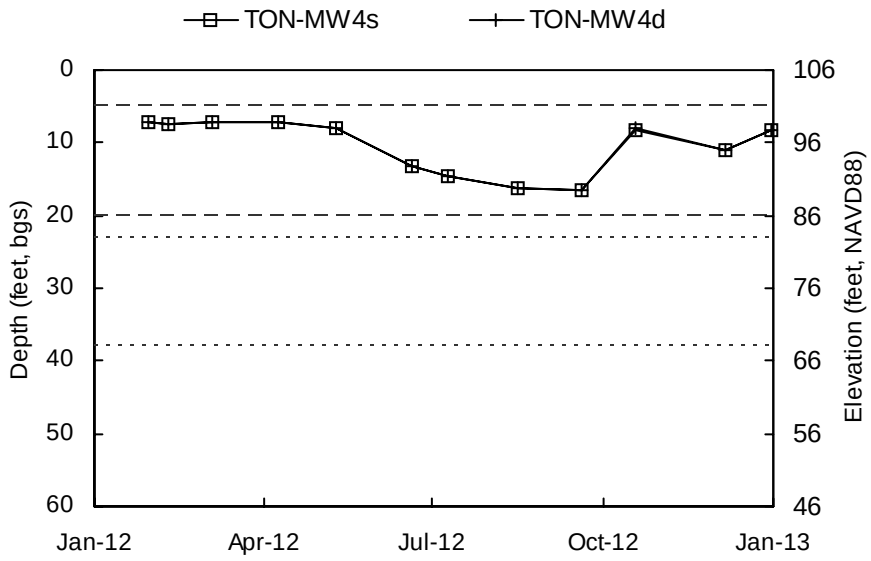


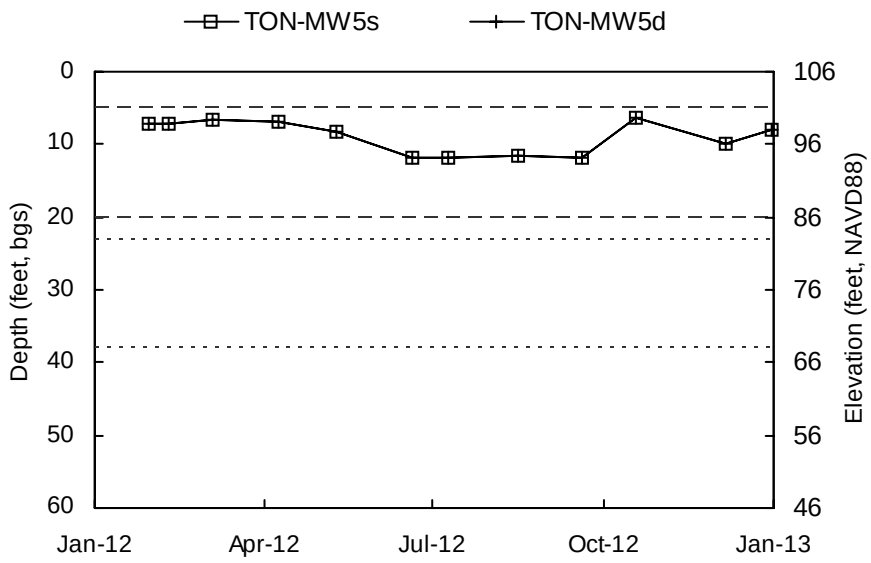


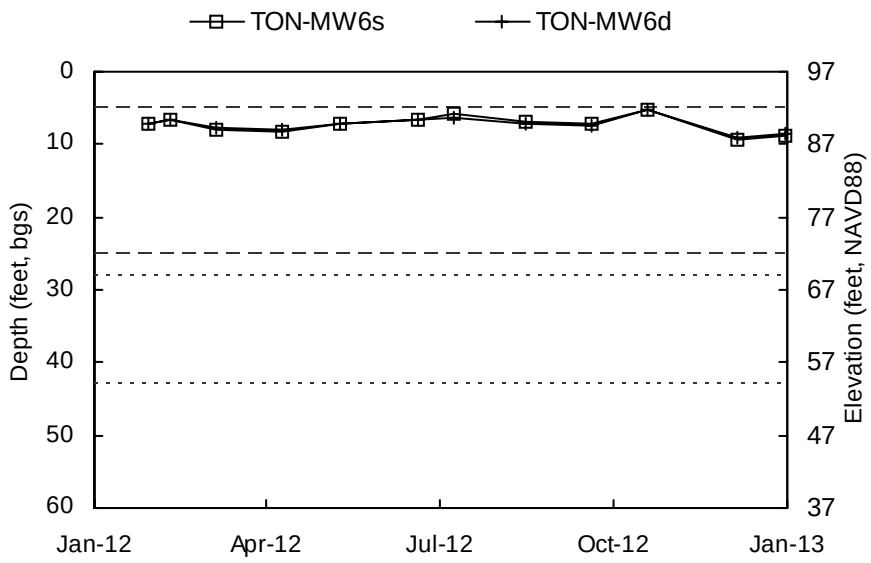
Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



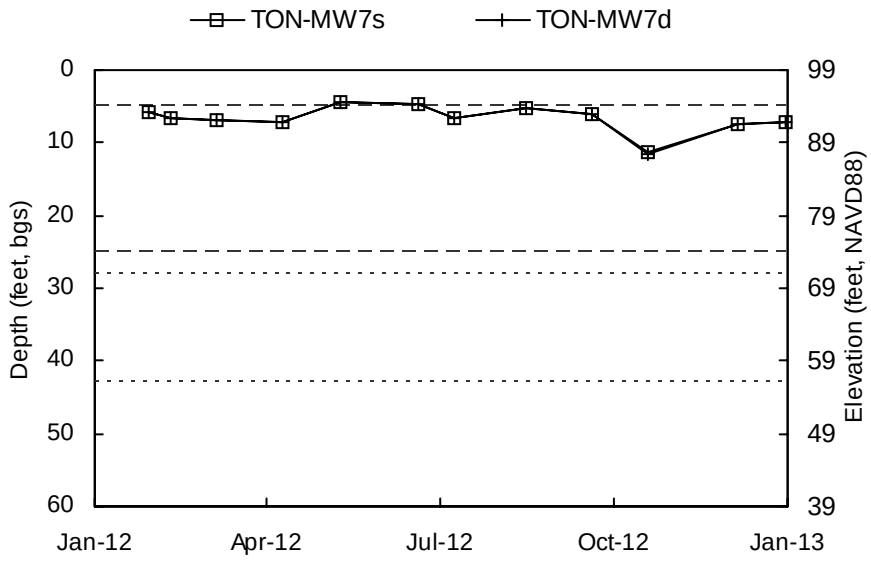


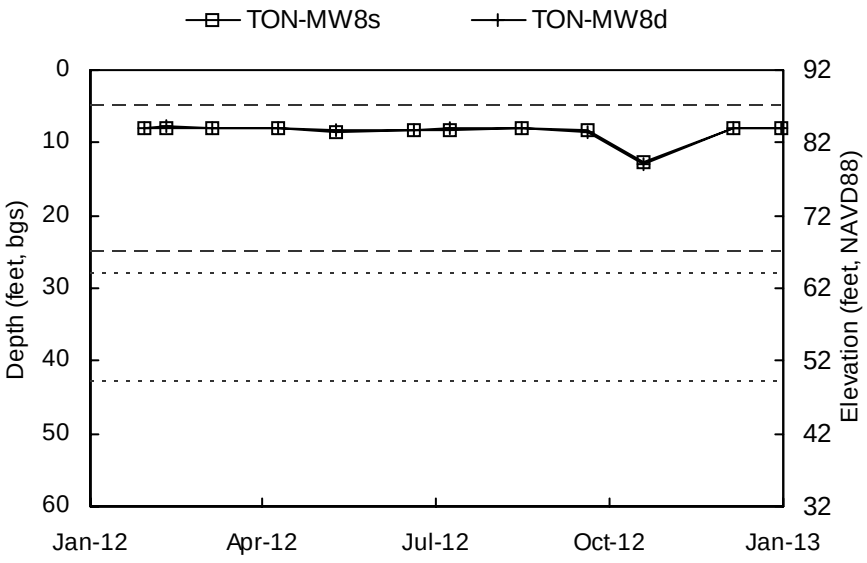




Shallow Well Screened Interval Deep Well Screened Interval

Elevation scale shown to the nearest integer.



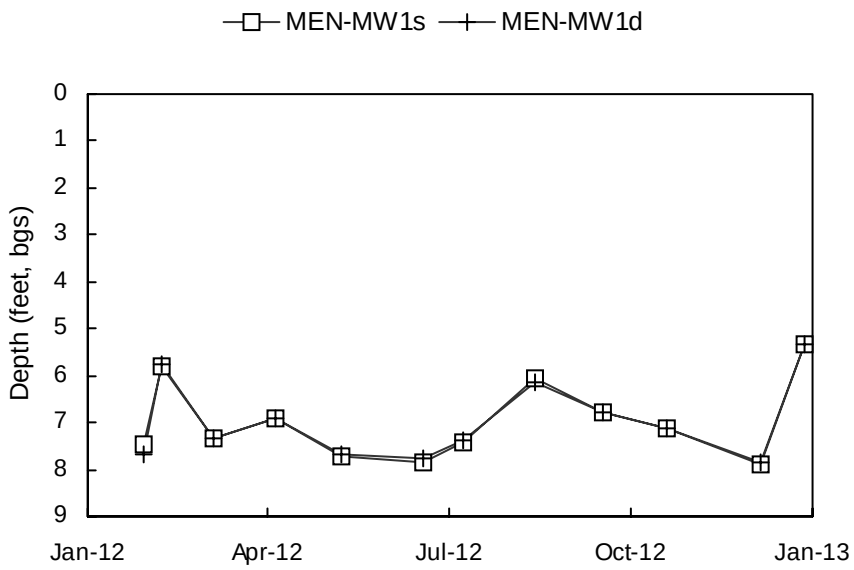


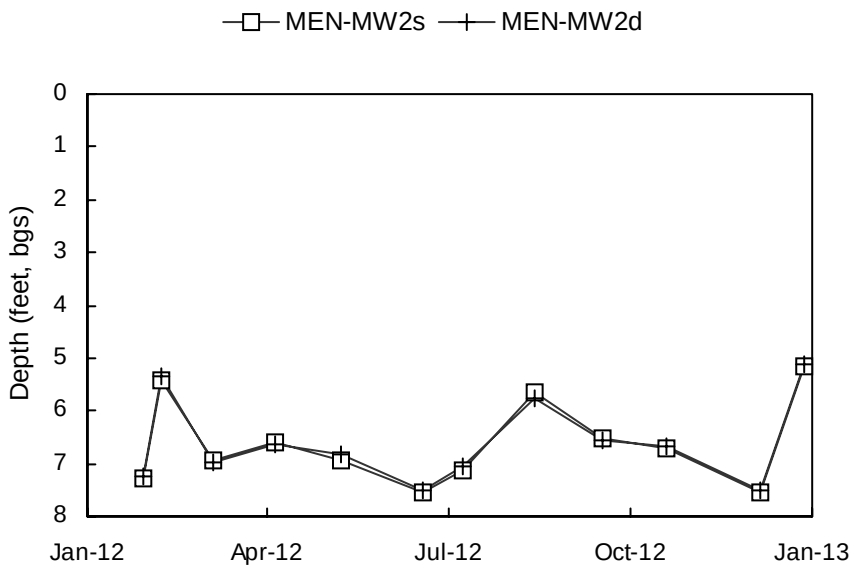
Shallow Well Screened Interval Deep Well Screened Interval

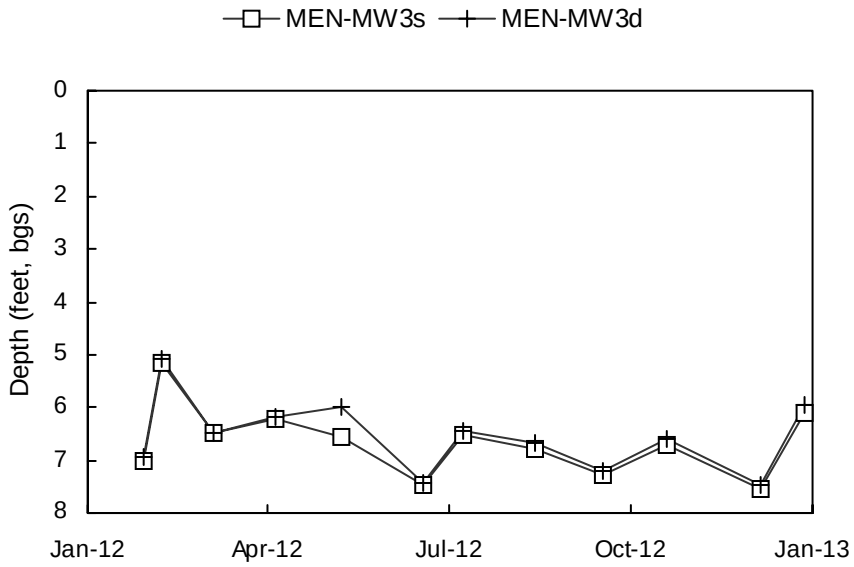
Elevation scale shown to the nearest integer.

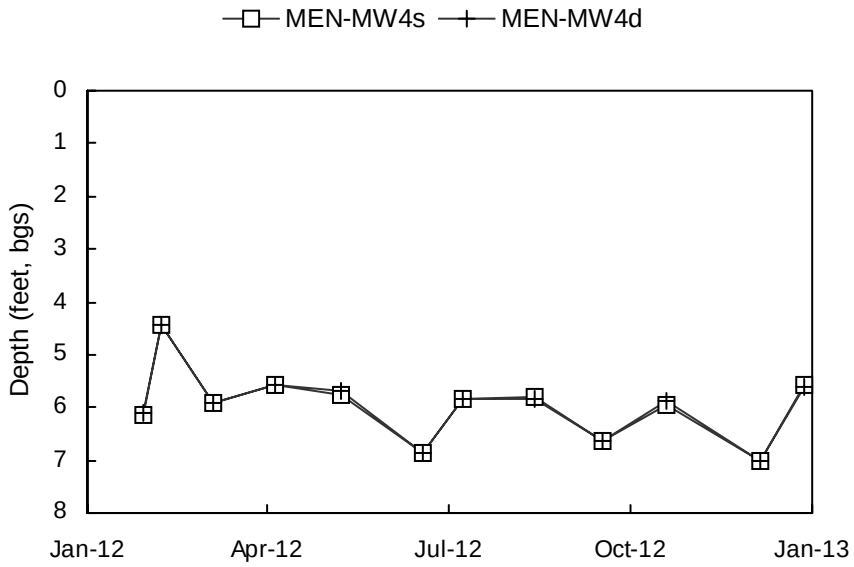
Attachment A2

Hydrograph Series, variable scale

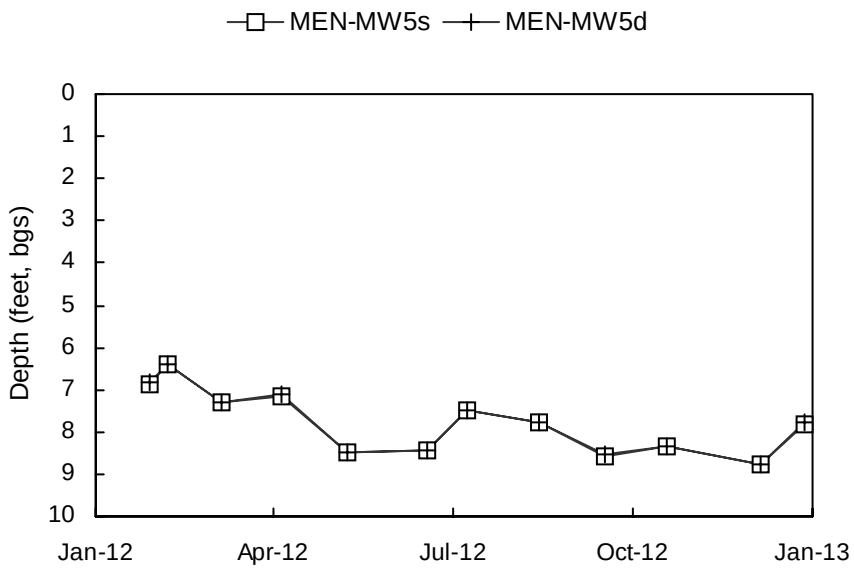


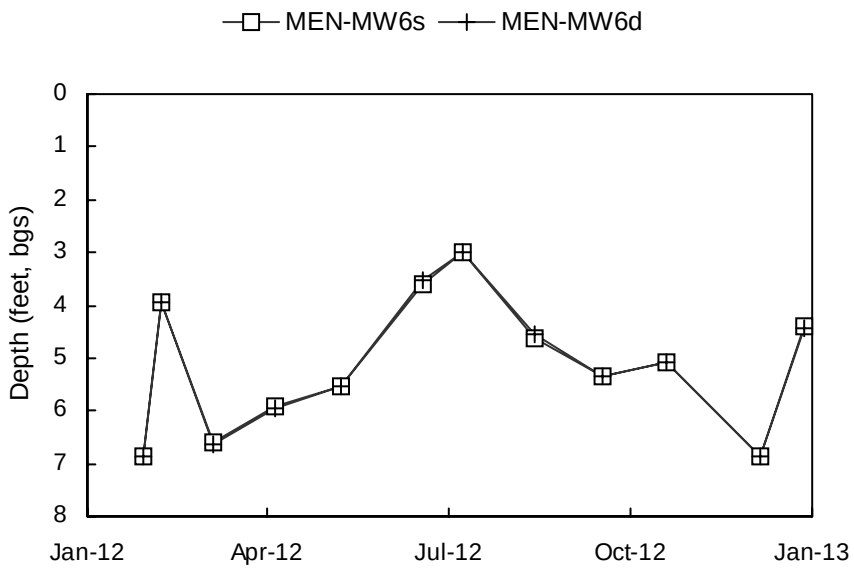


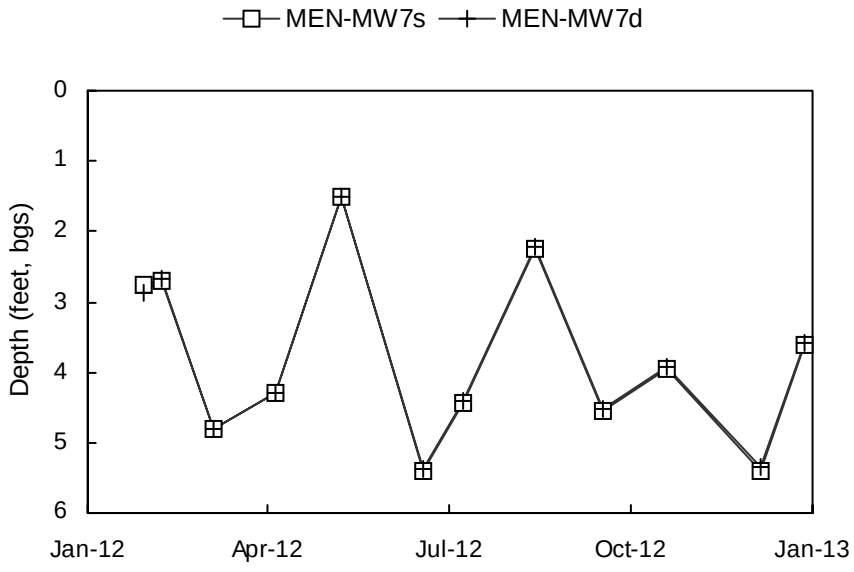


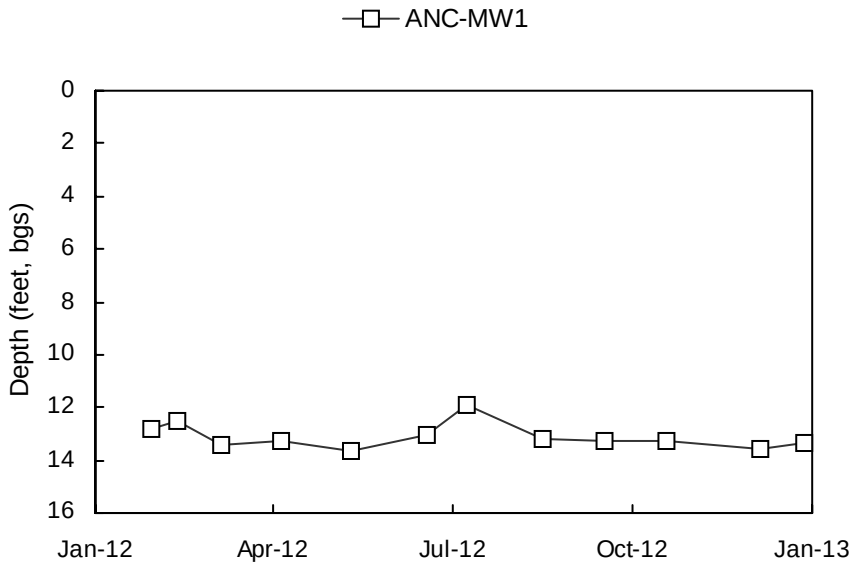


Depth scale shown to the nearest integer.

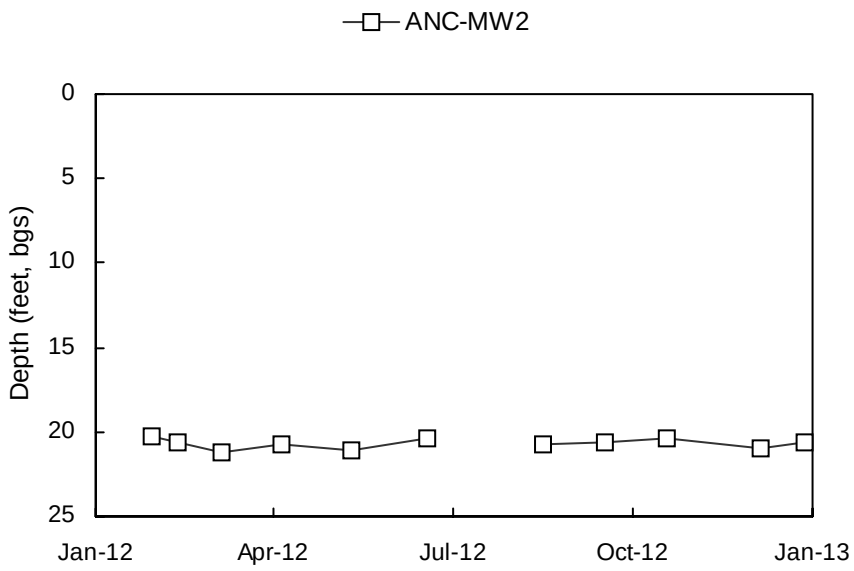


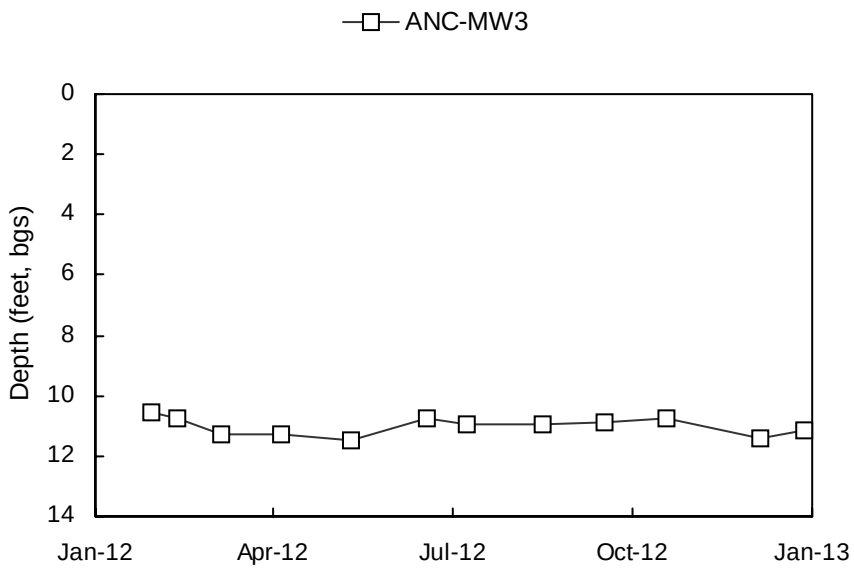


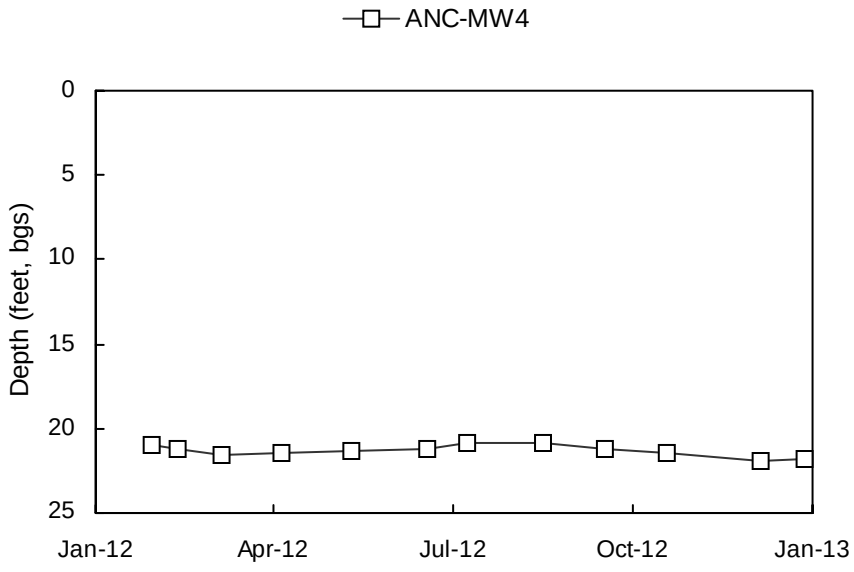


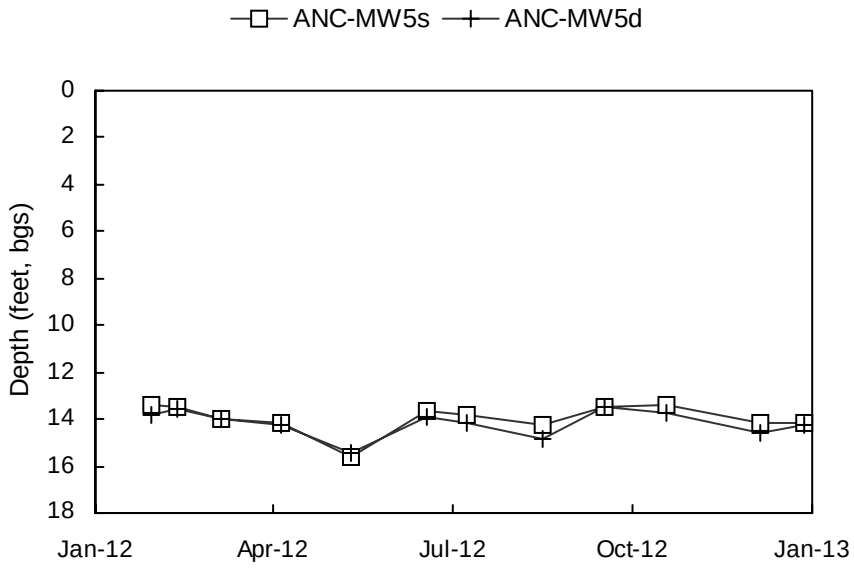


Depth scale shown to the nearest integer.

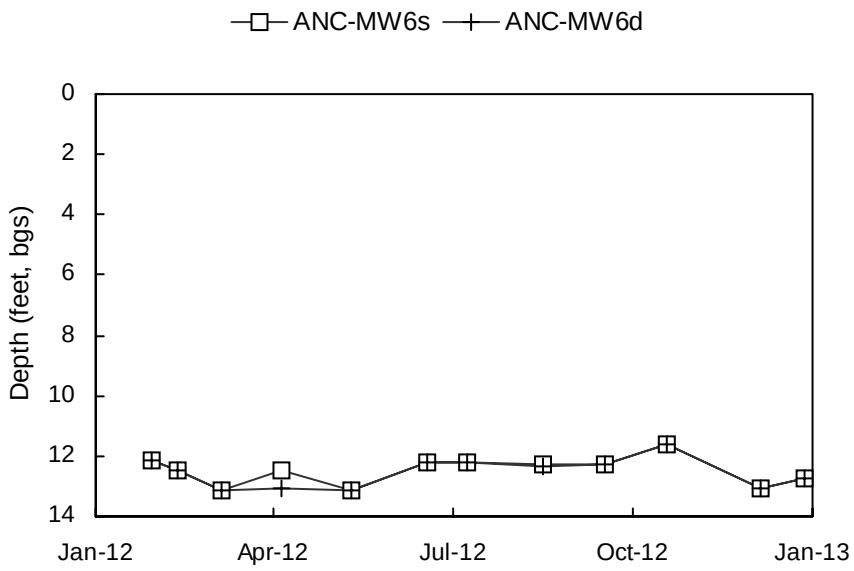


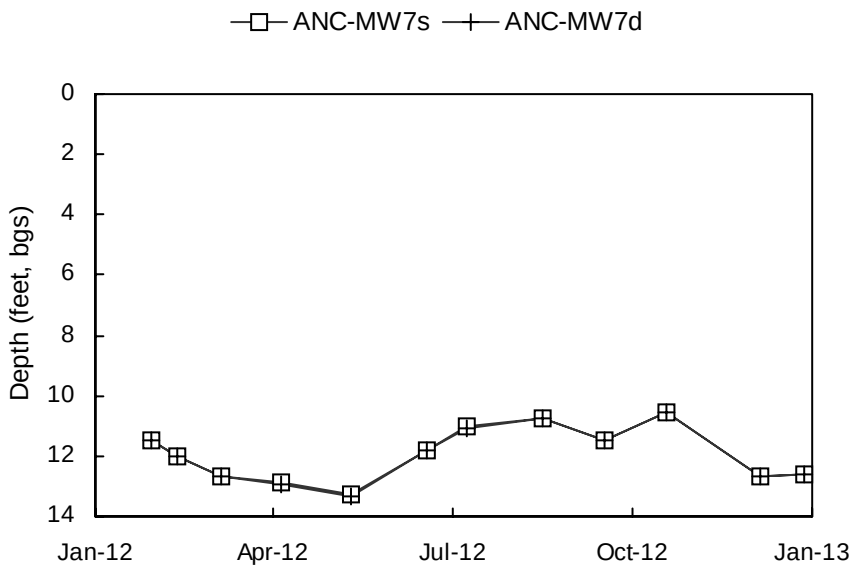


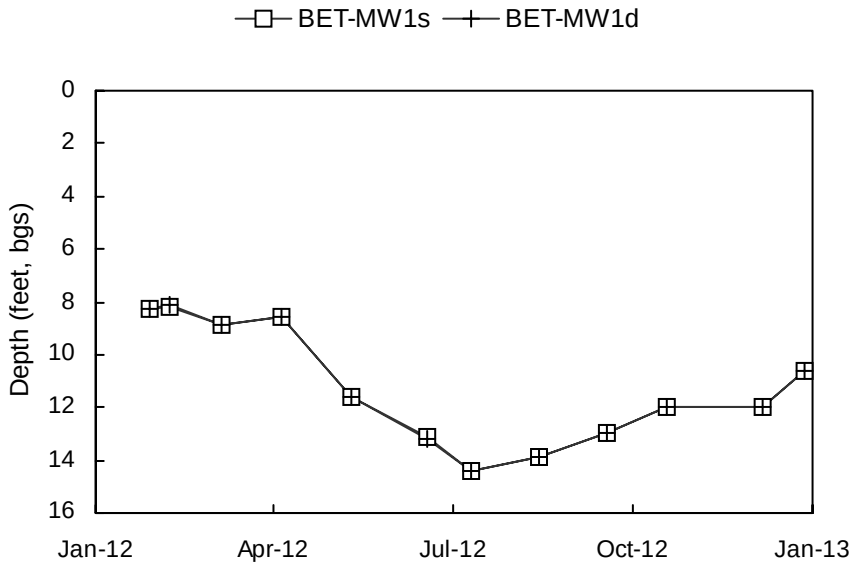


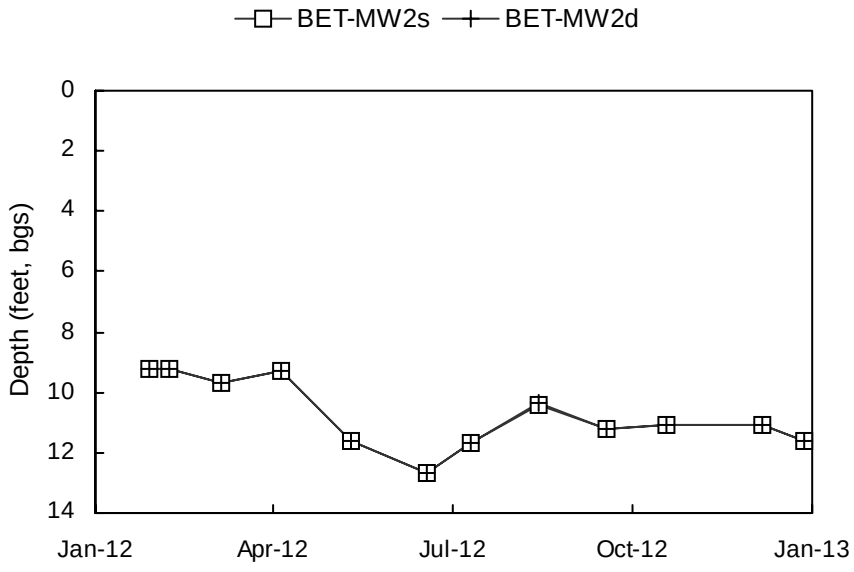


Depth scale shown to the nearest integer.

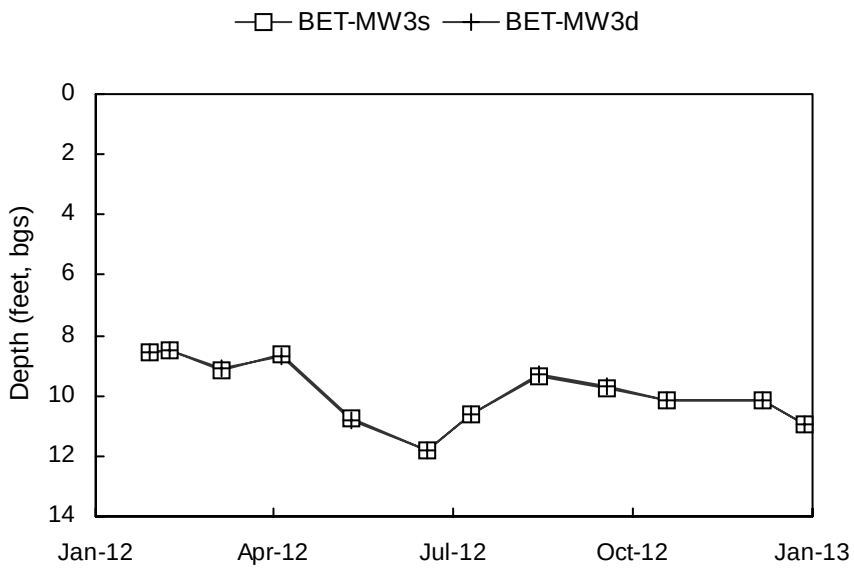


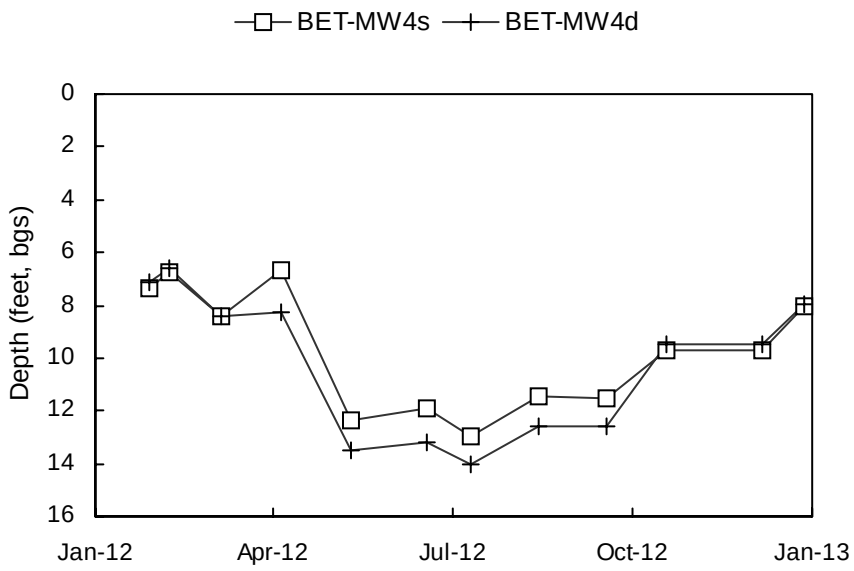


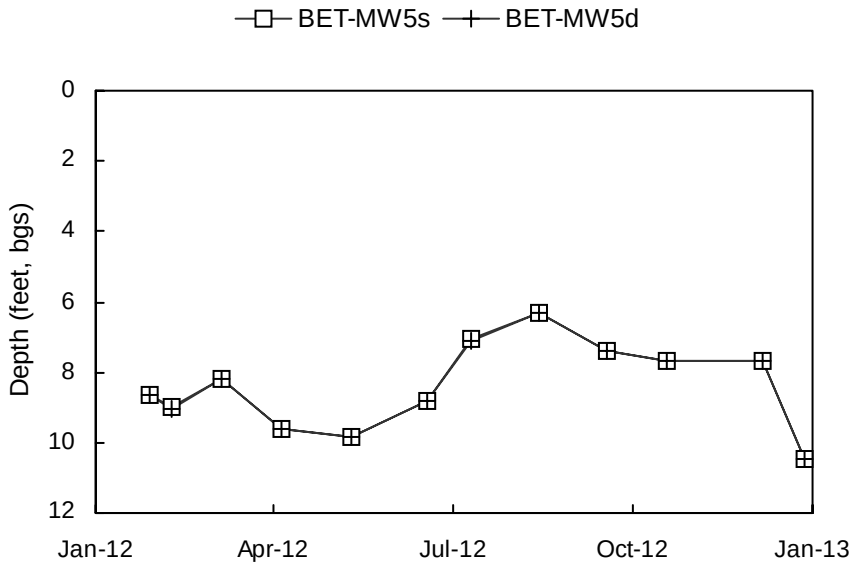


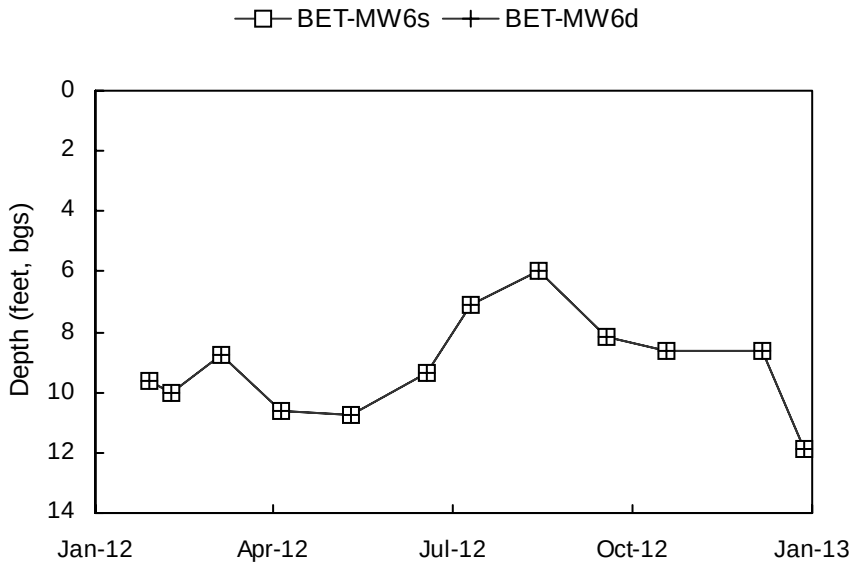


Depth scale shown to the nearest integer.

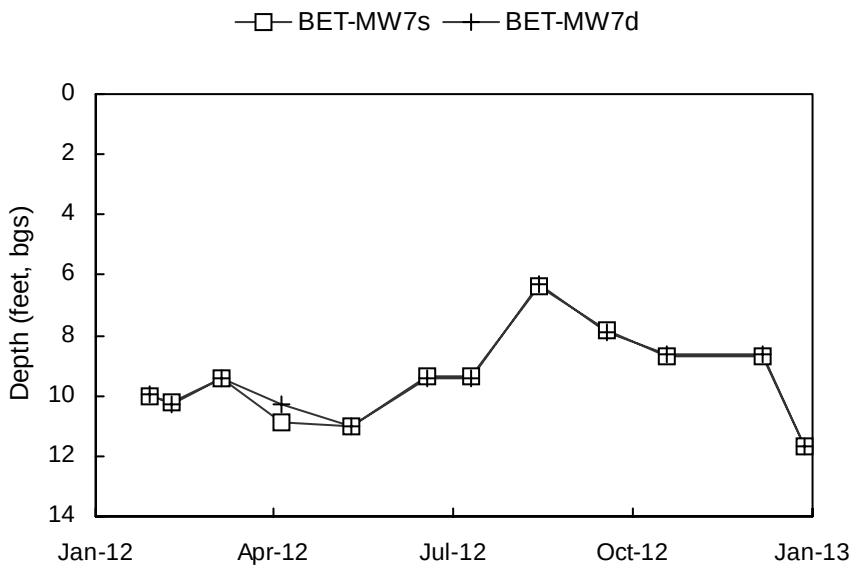


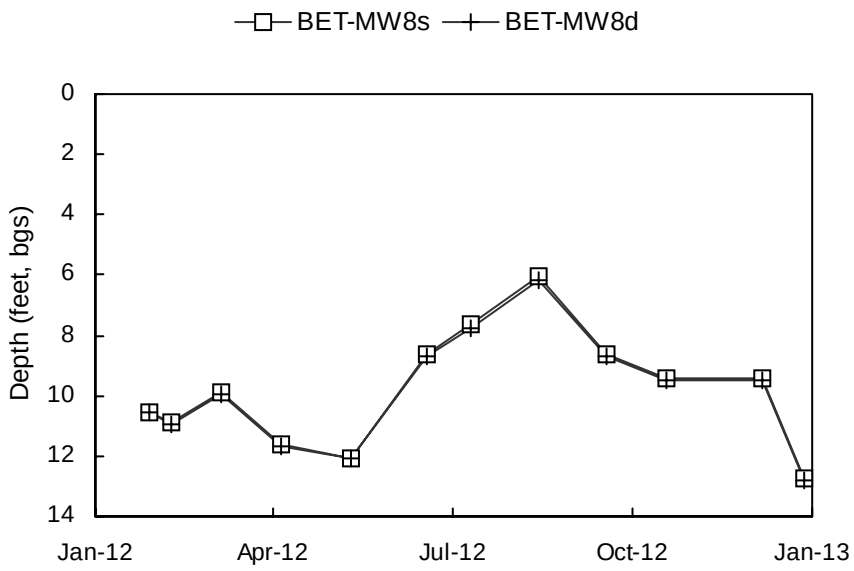


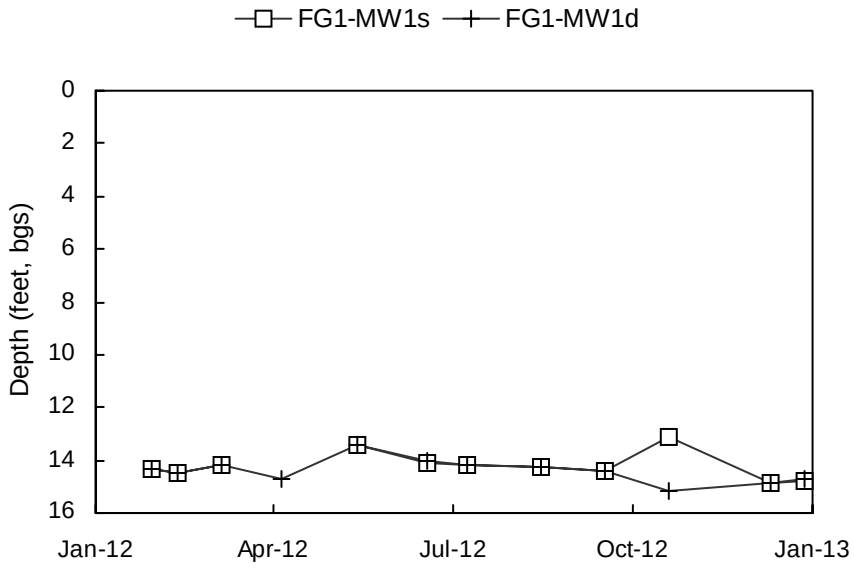


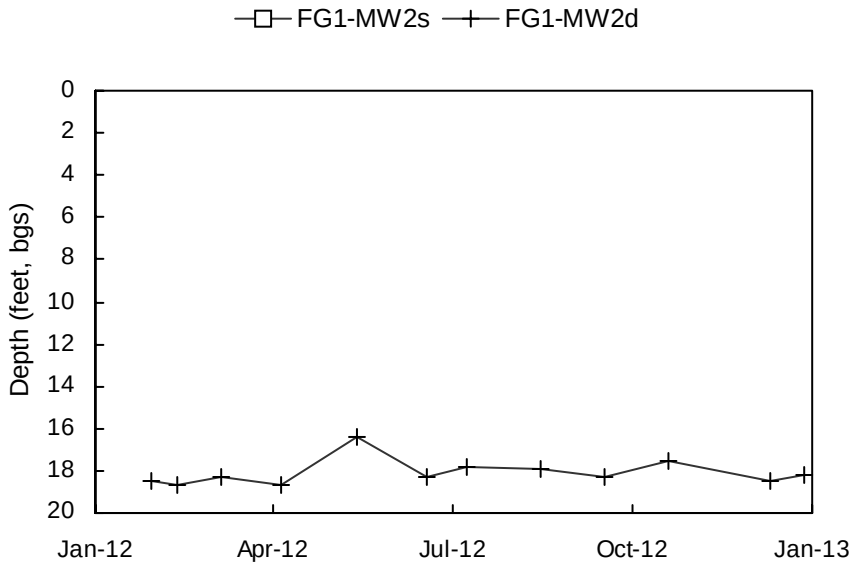


Depth scale shown to the nearest integer.

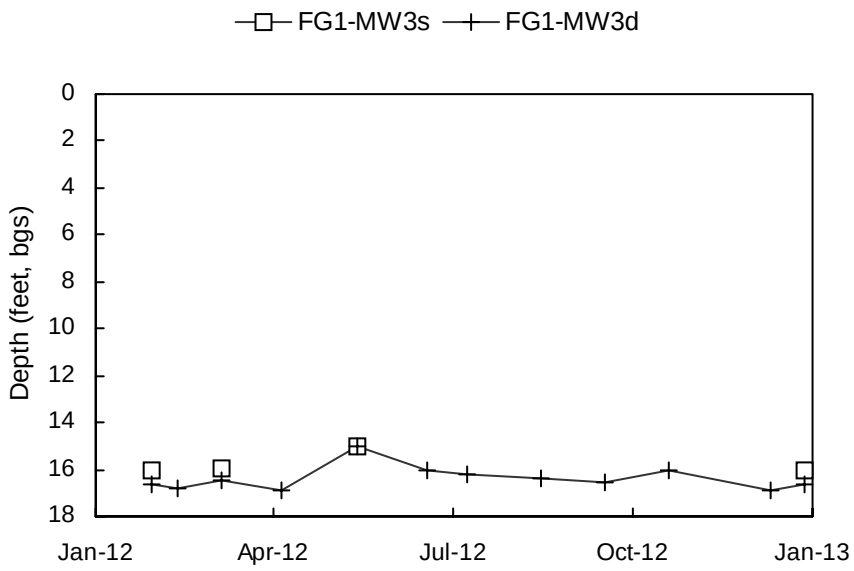


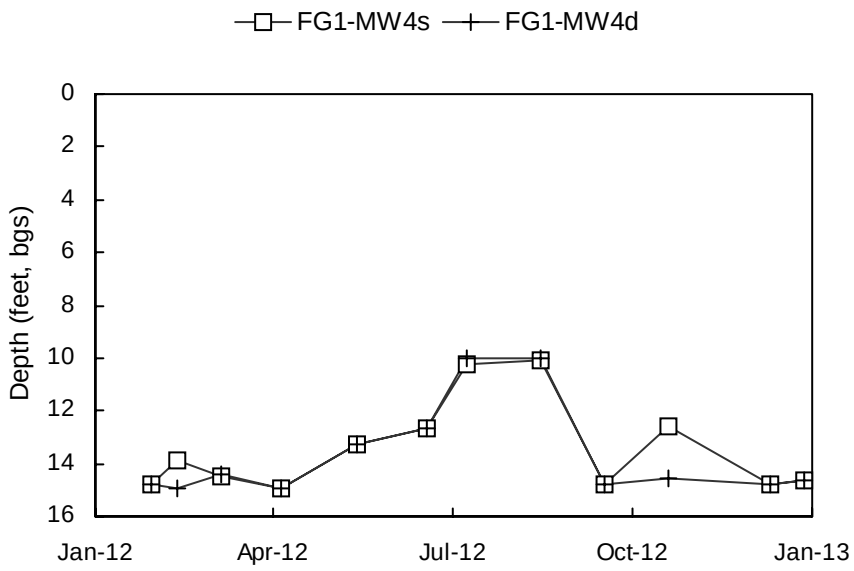


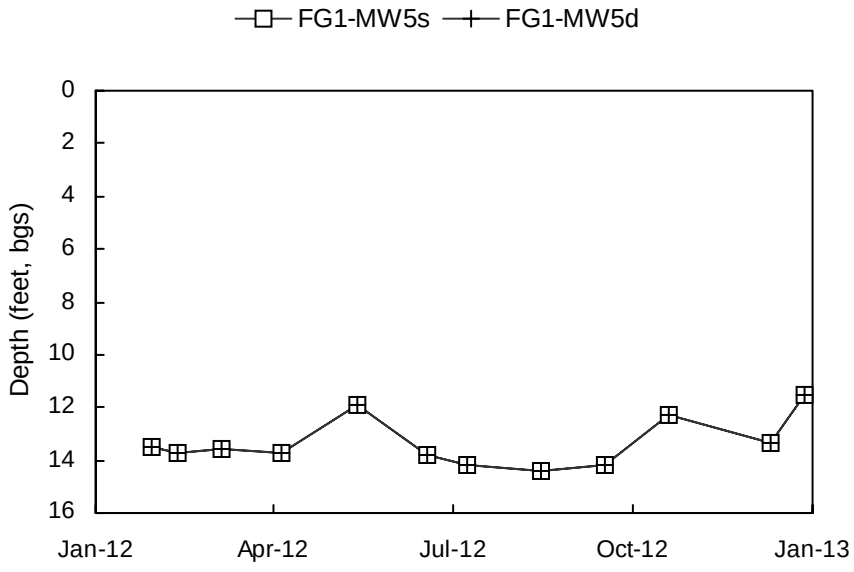


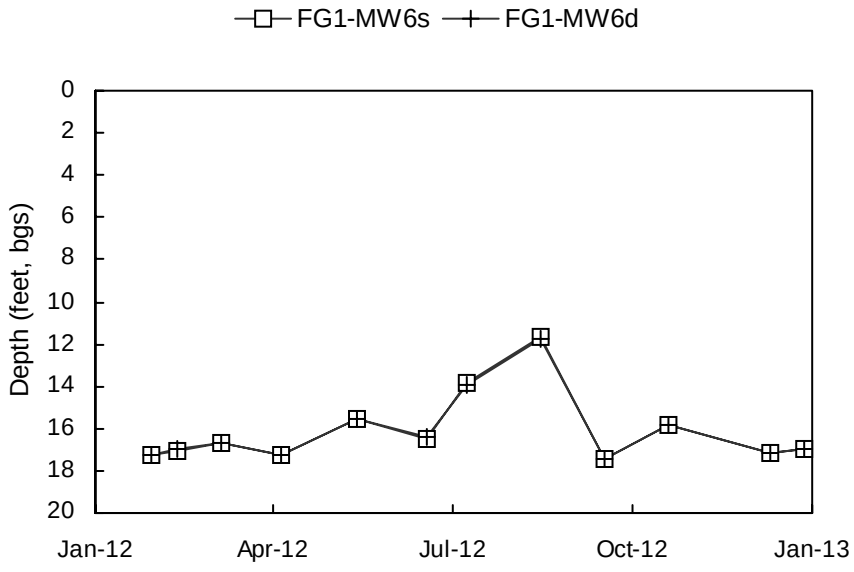


Depth scale shown to the nearest integer.

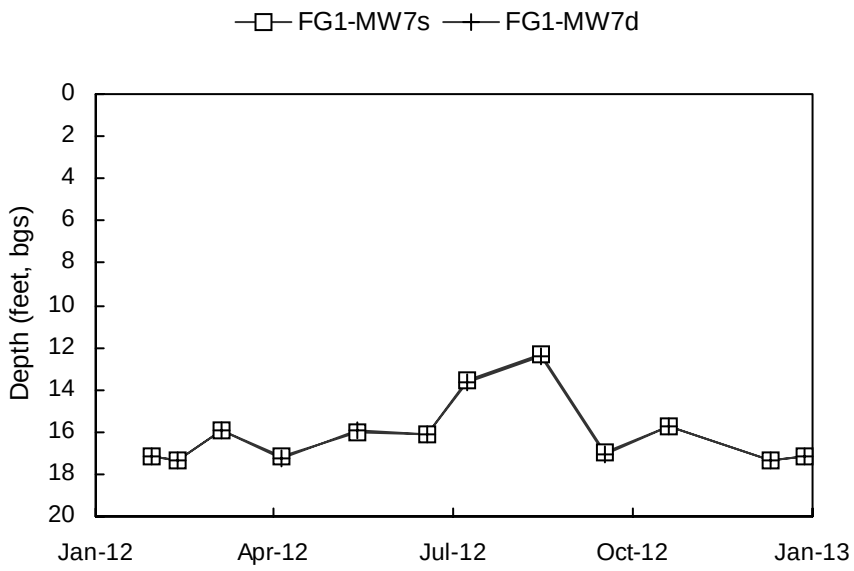


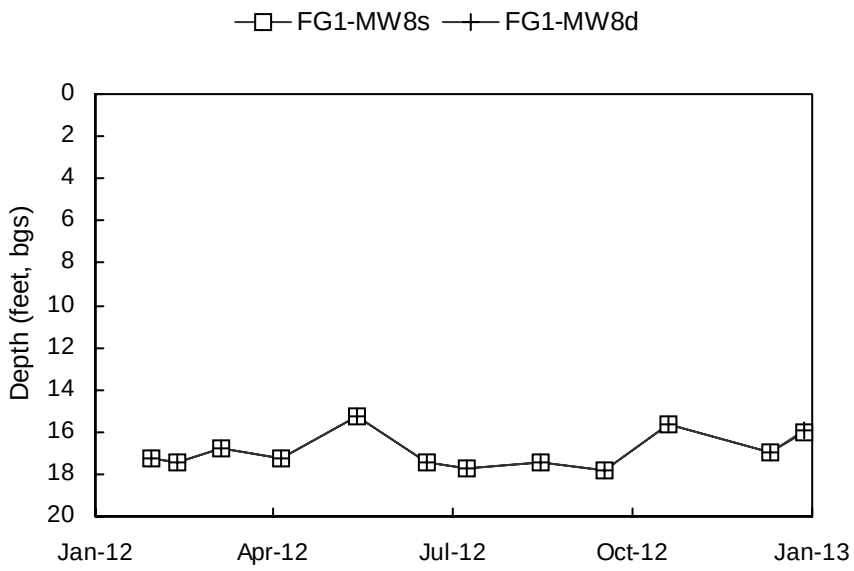


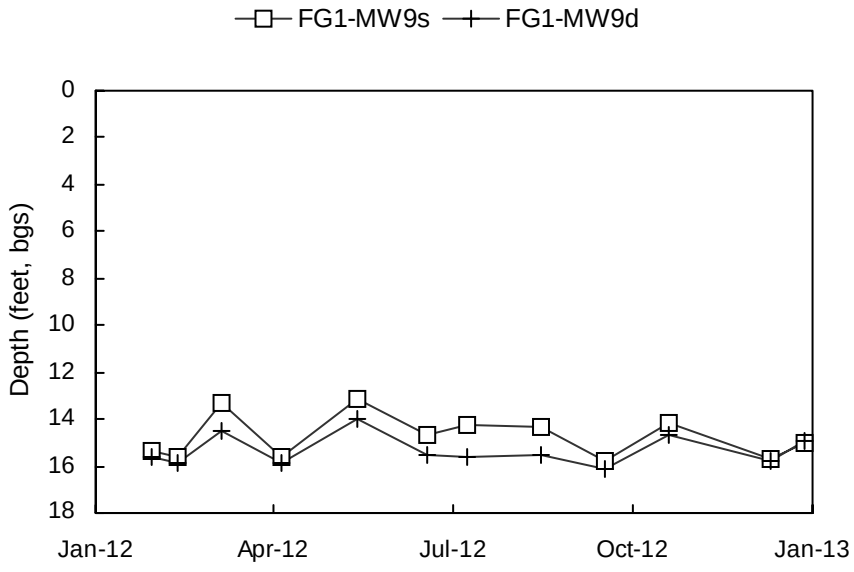


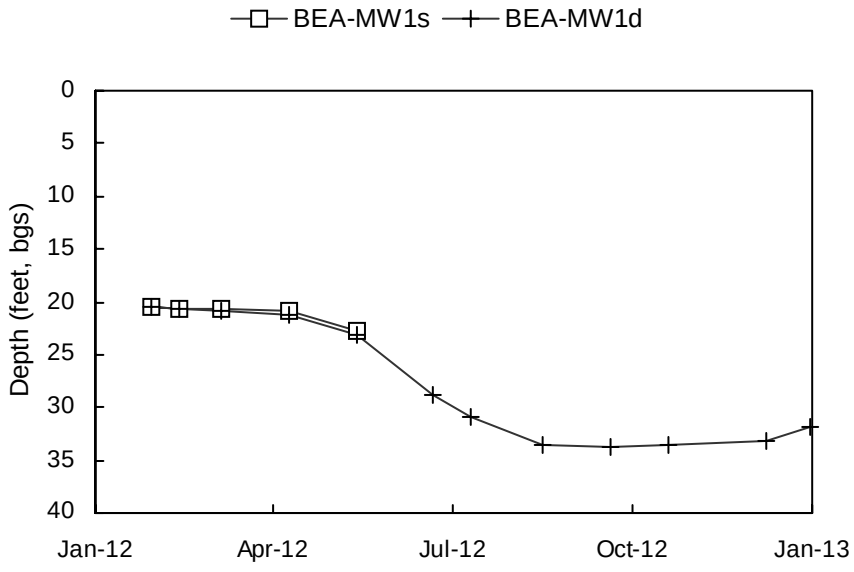


Depth scale shown to the nearest integer.

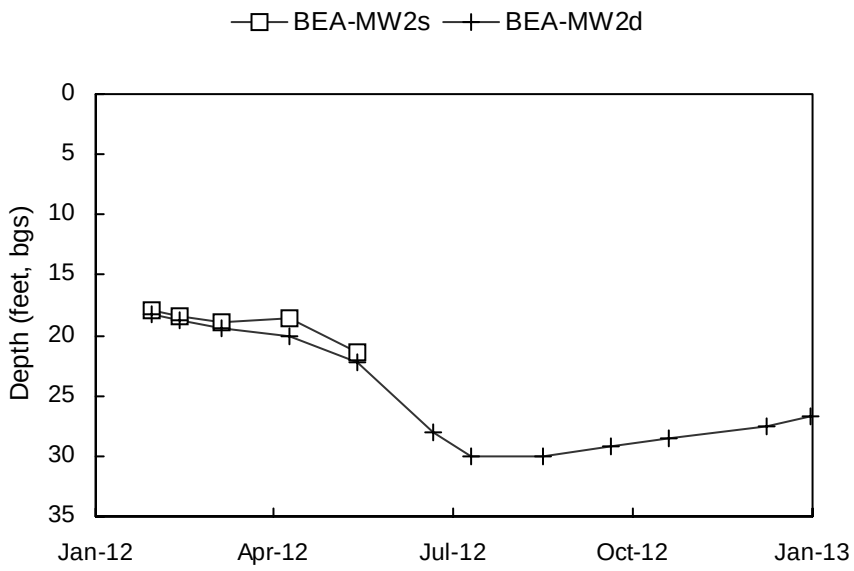


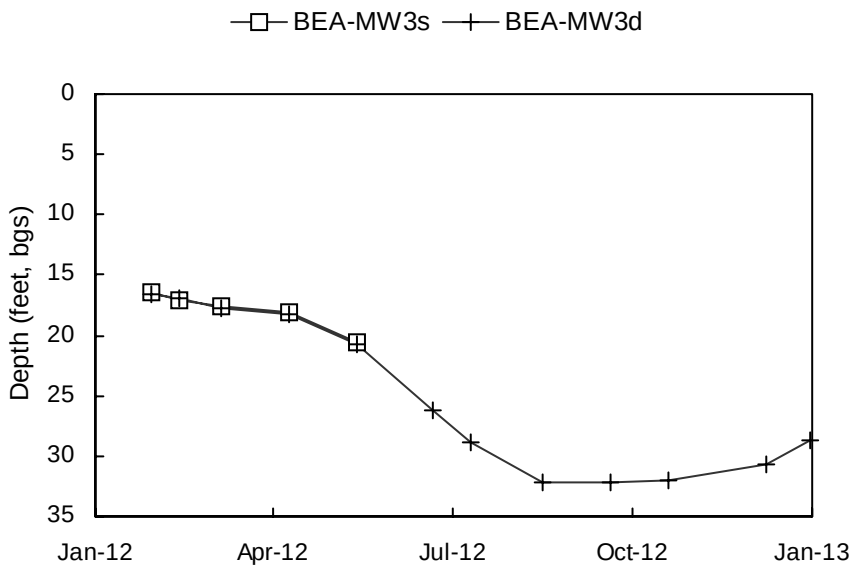


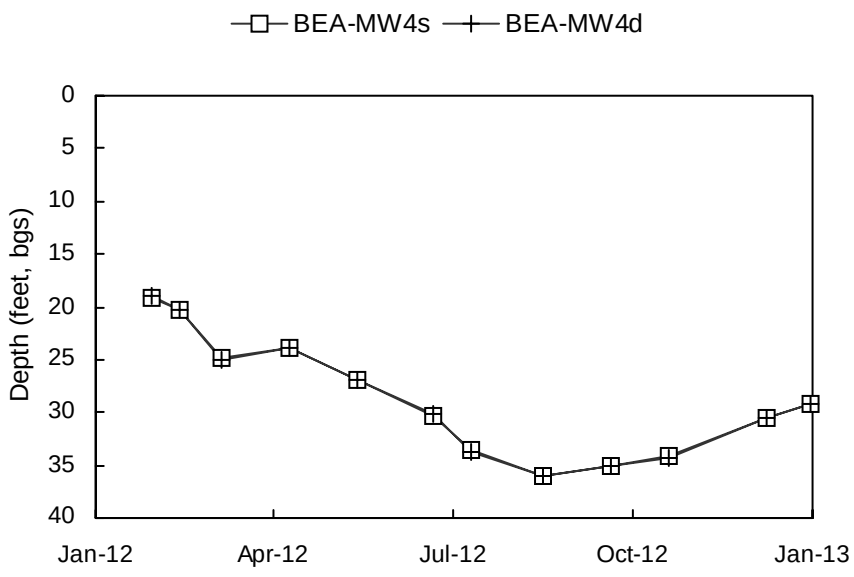


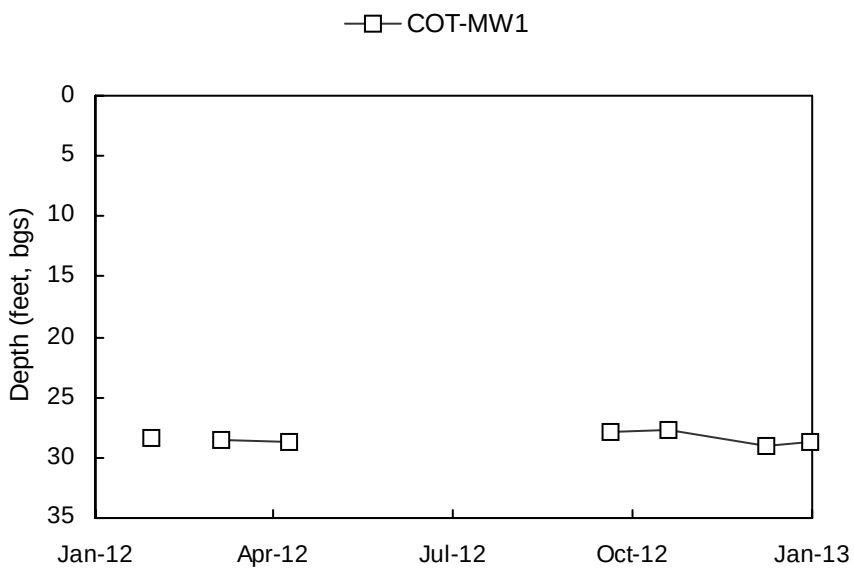


Depth scale shown to the nearest integer.

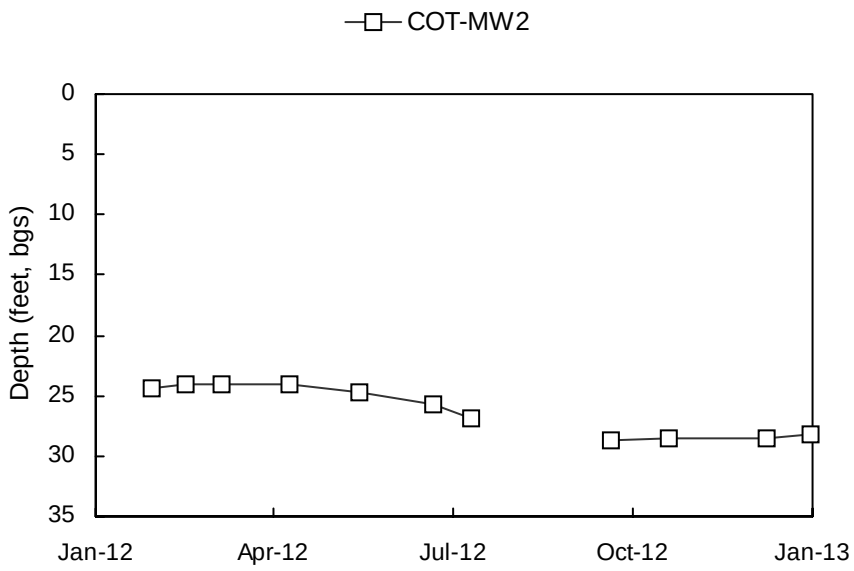


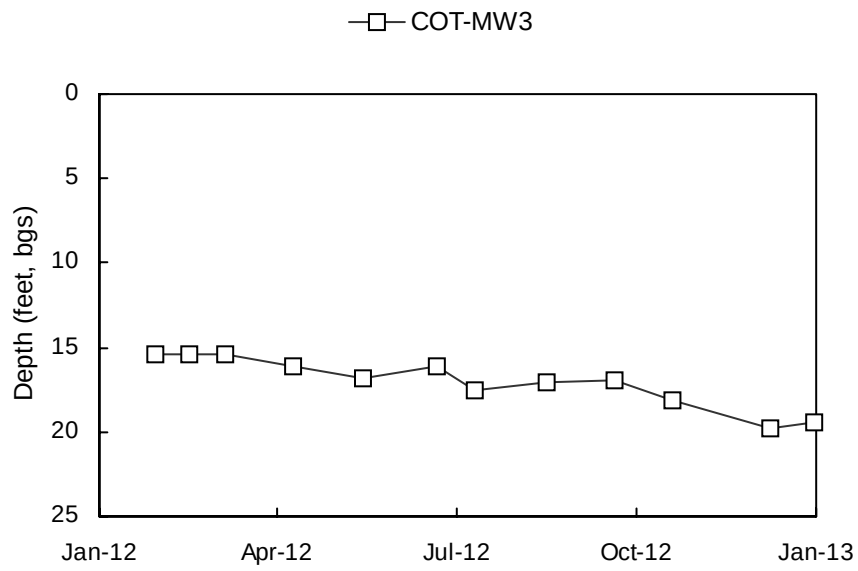


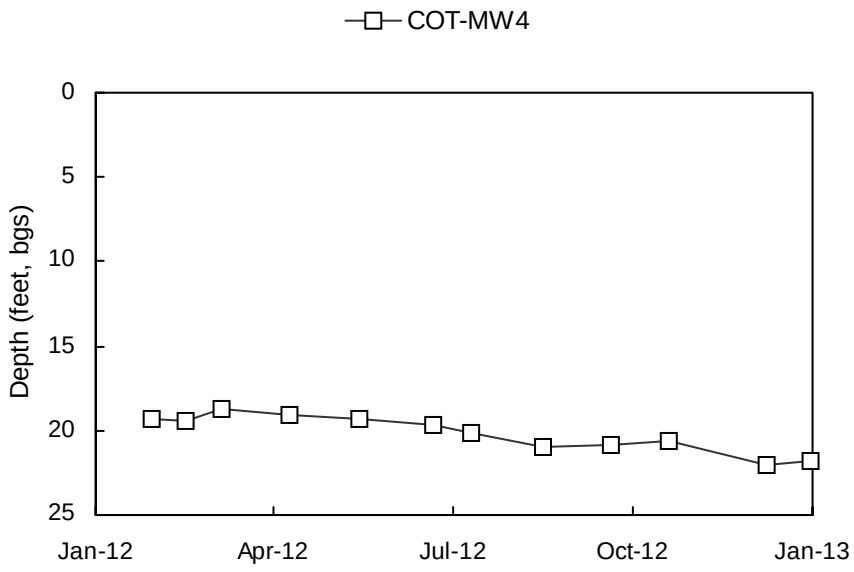


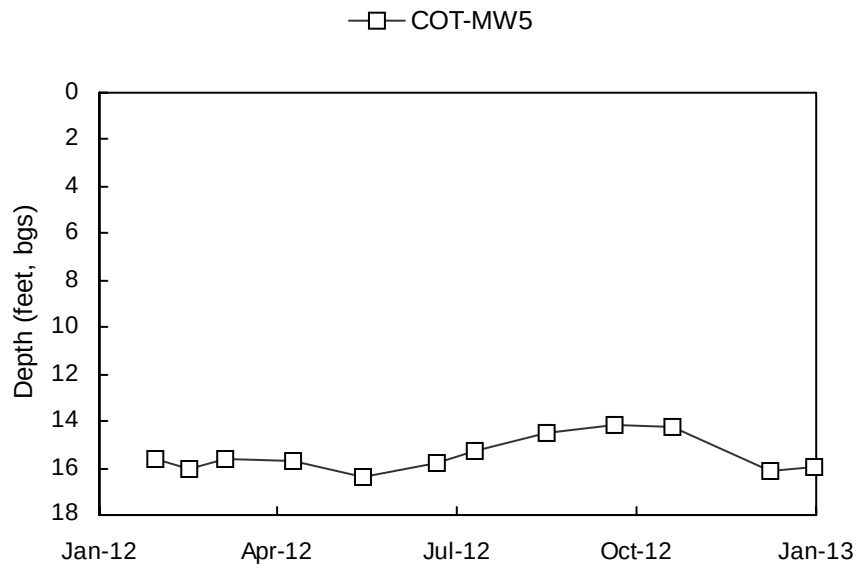


Depth scale shown to the nearest integer.

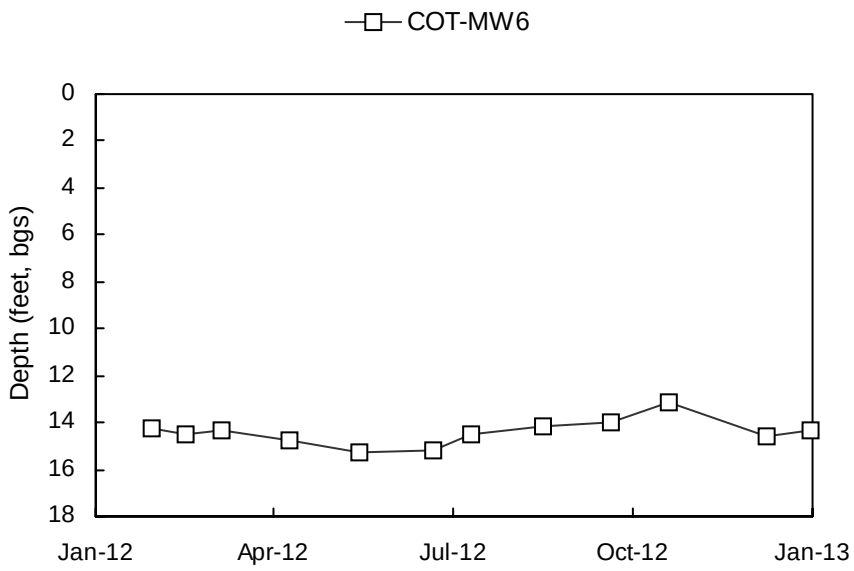


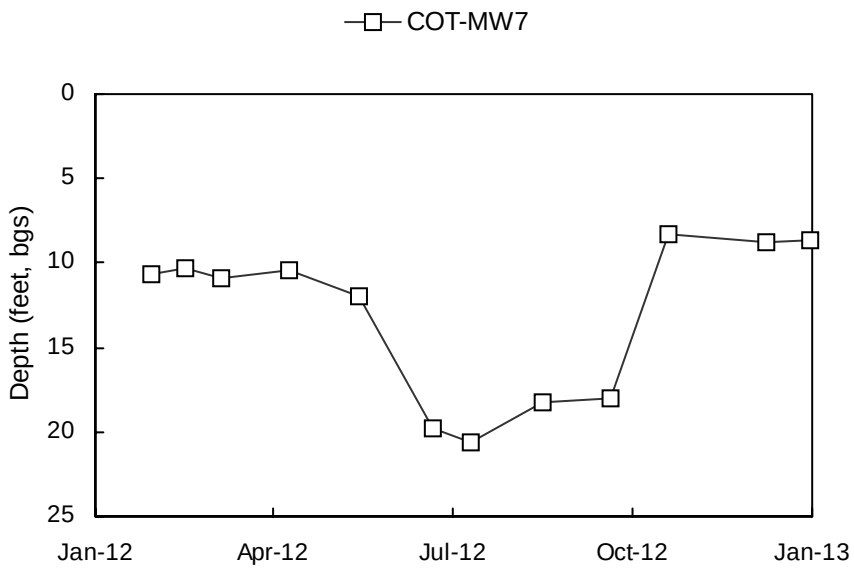


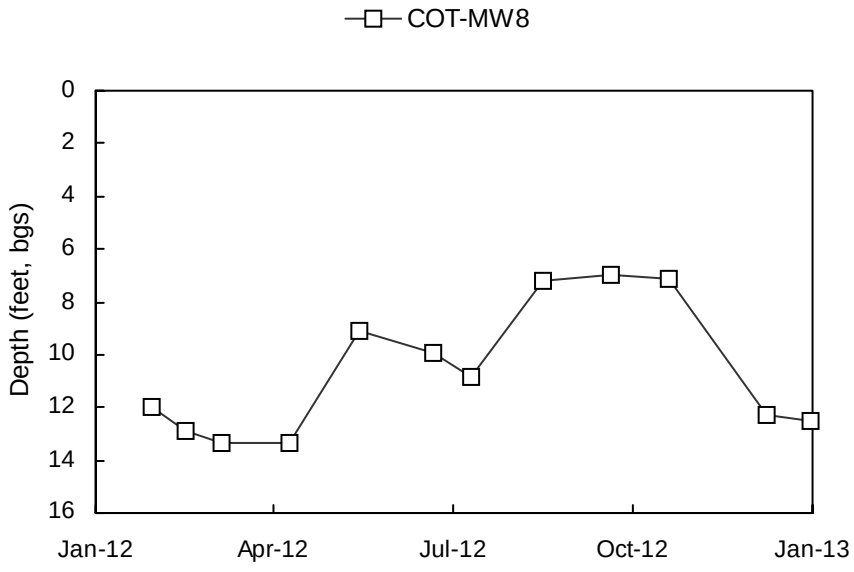


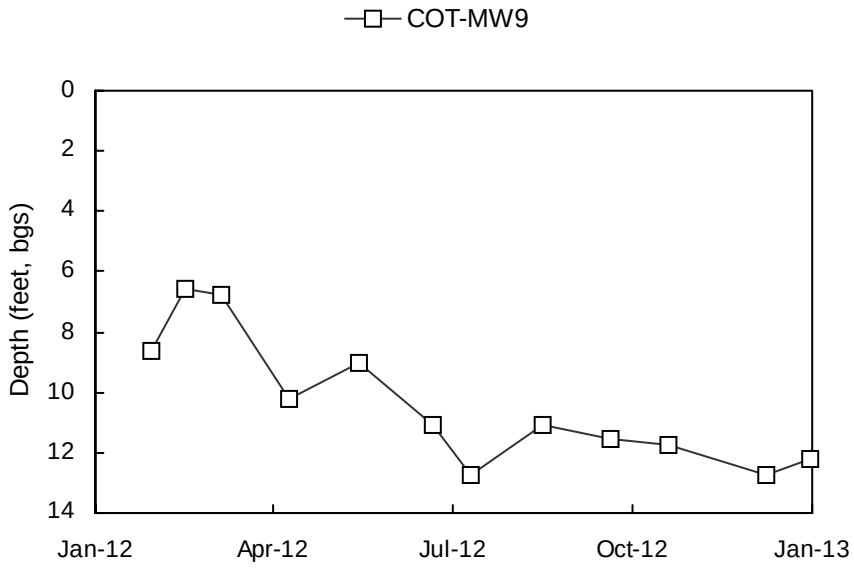


Depth scale shown to the nearest integer.

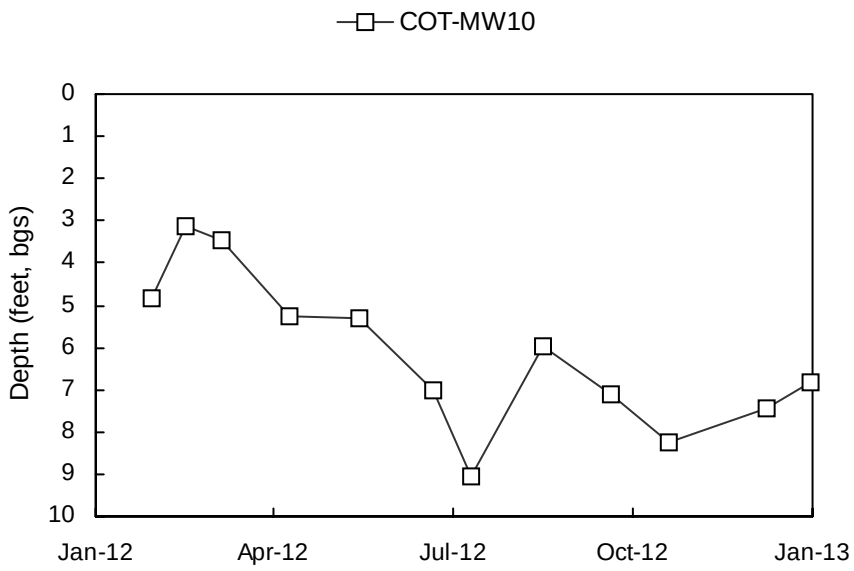


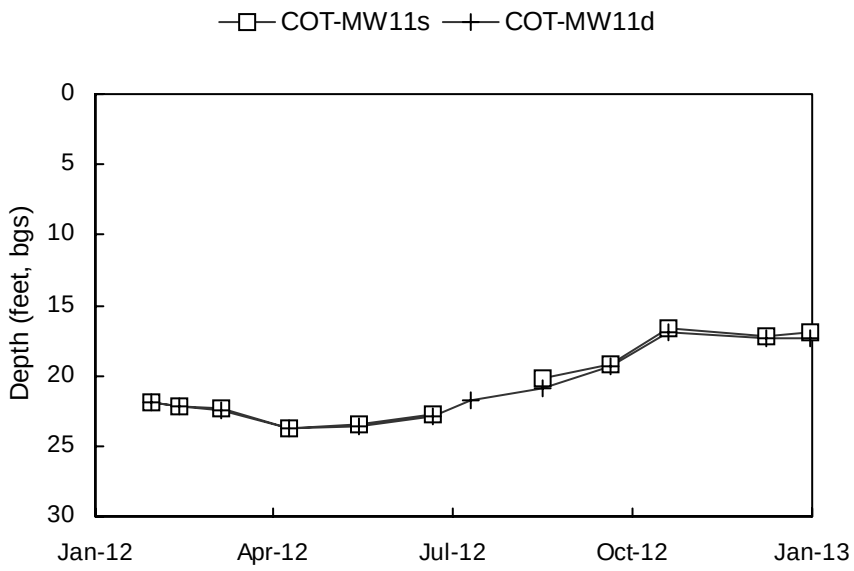


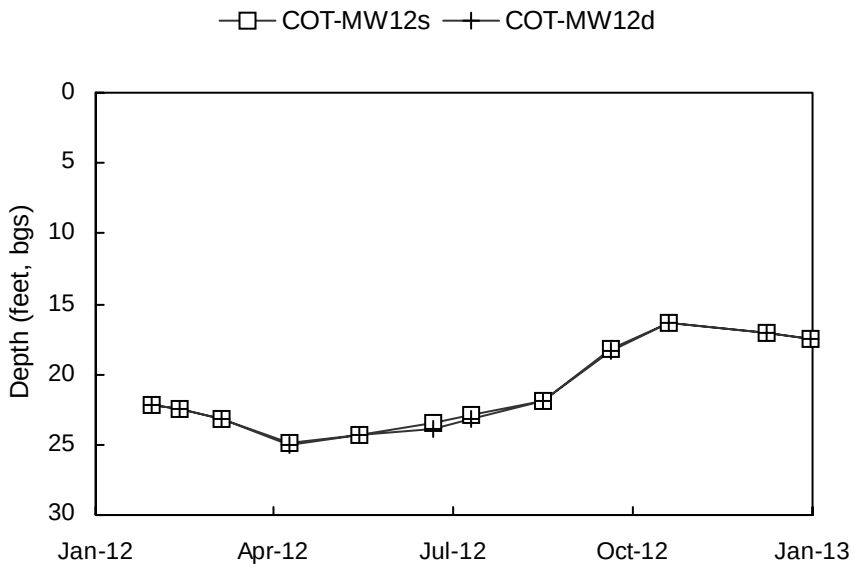


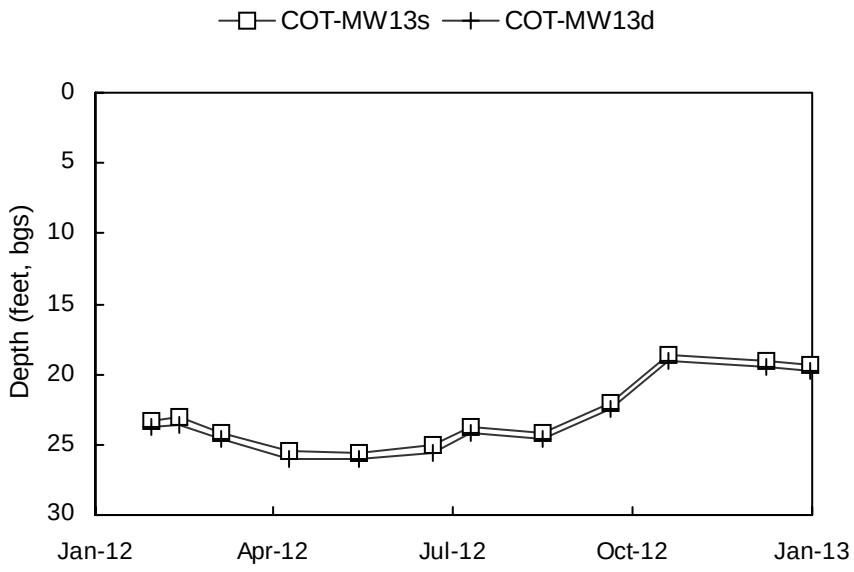


Depth scale shown to the nearest integer.

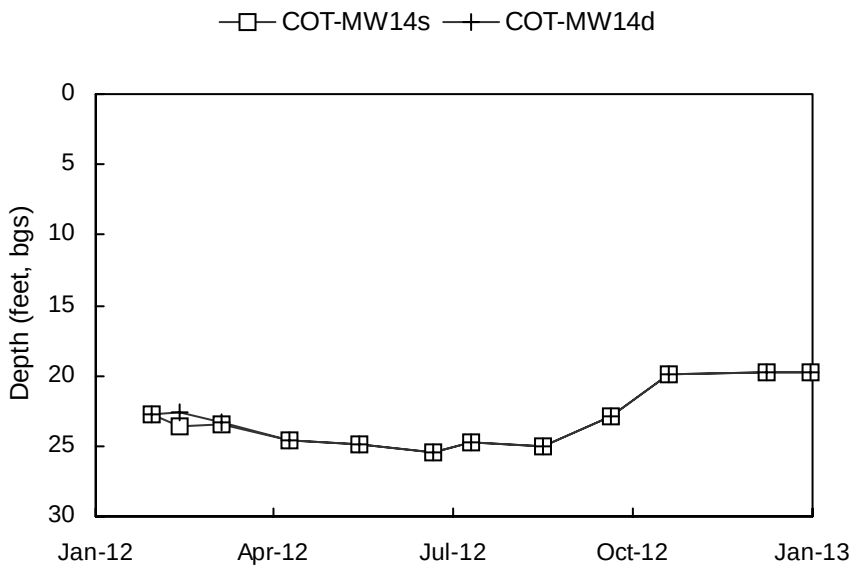


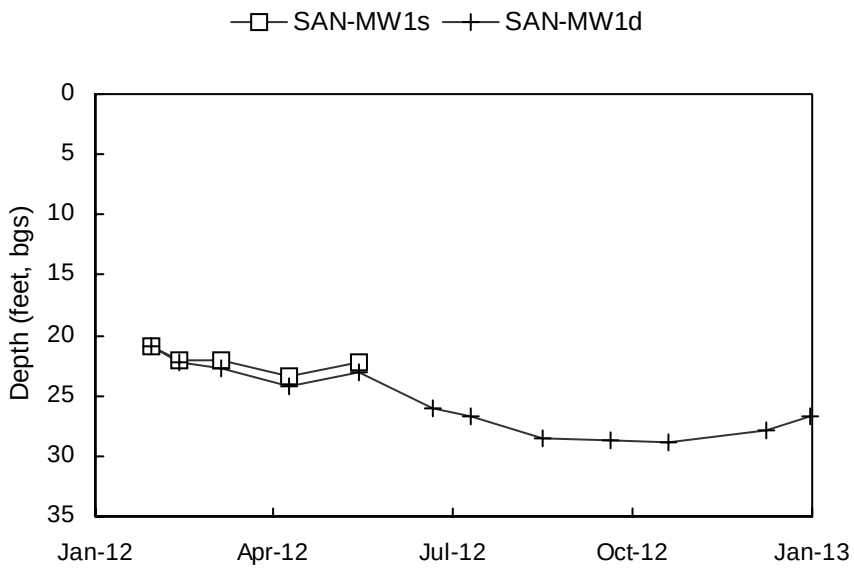


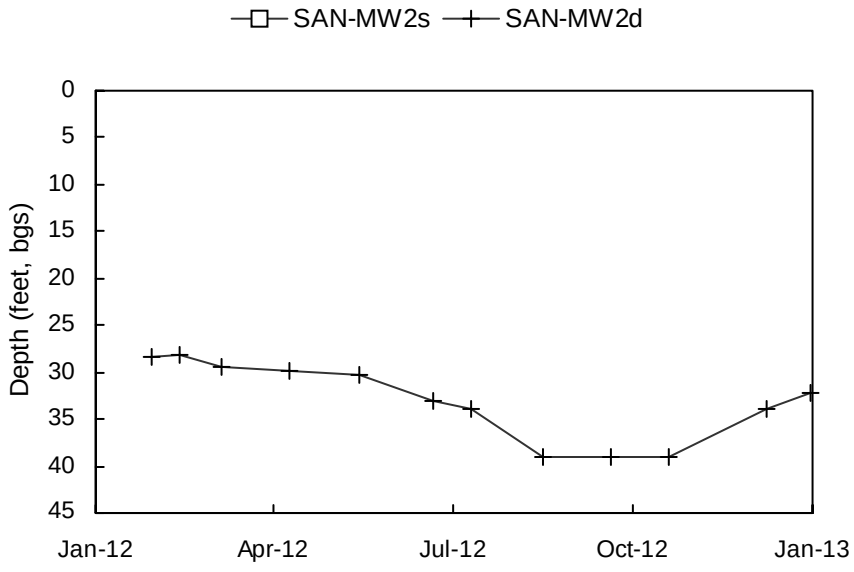


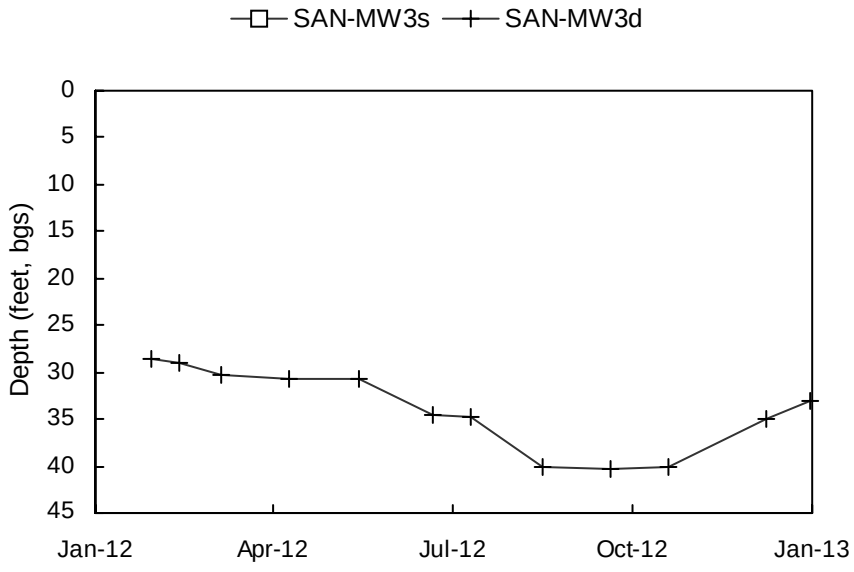


Depth scale shown to the nearest integer.

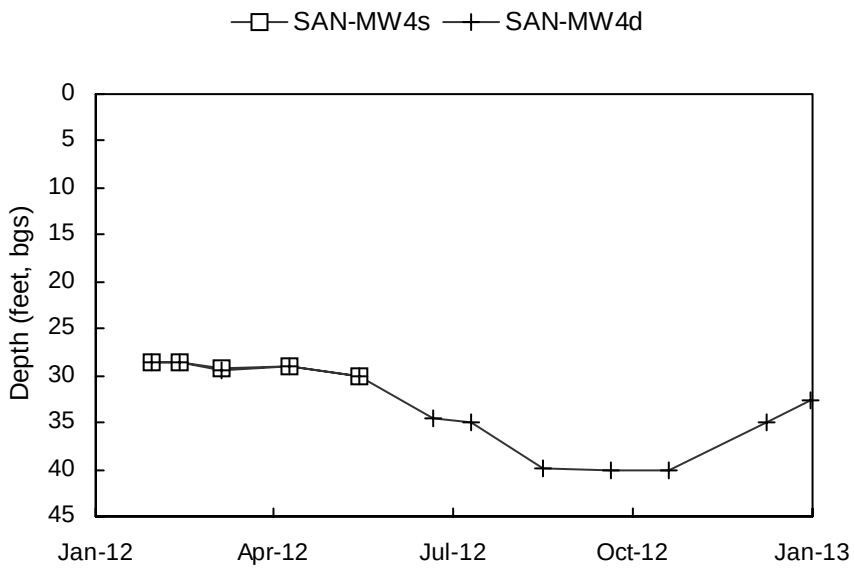


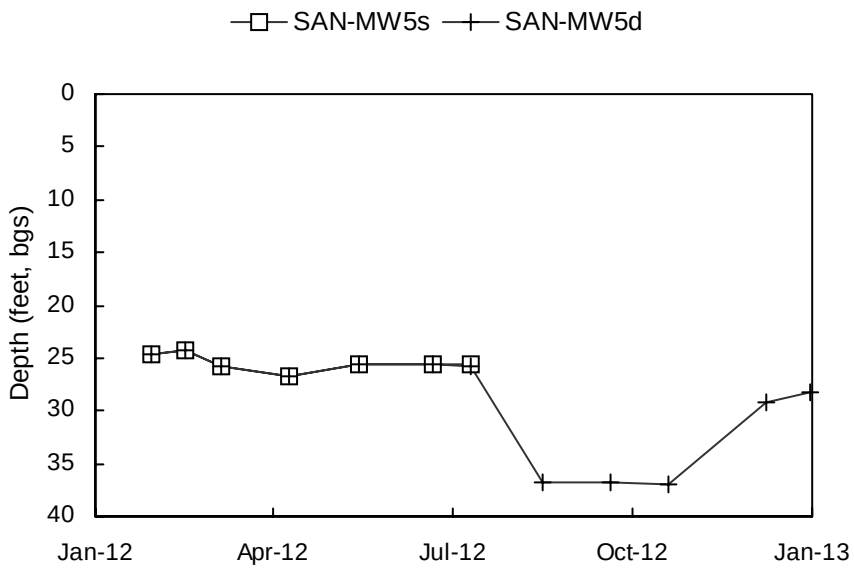


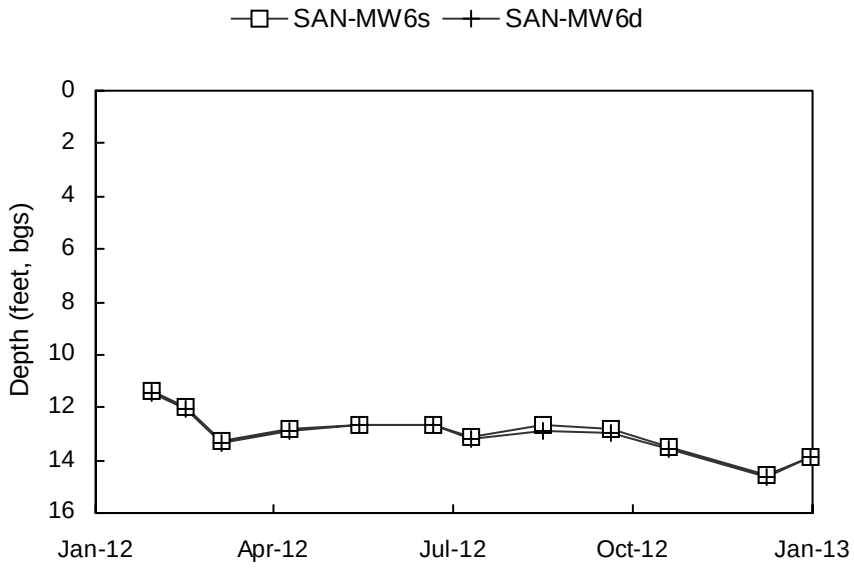


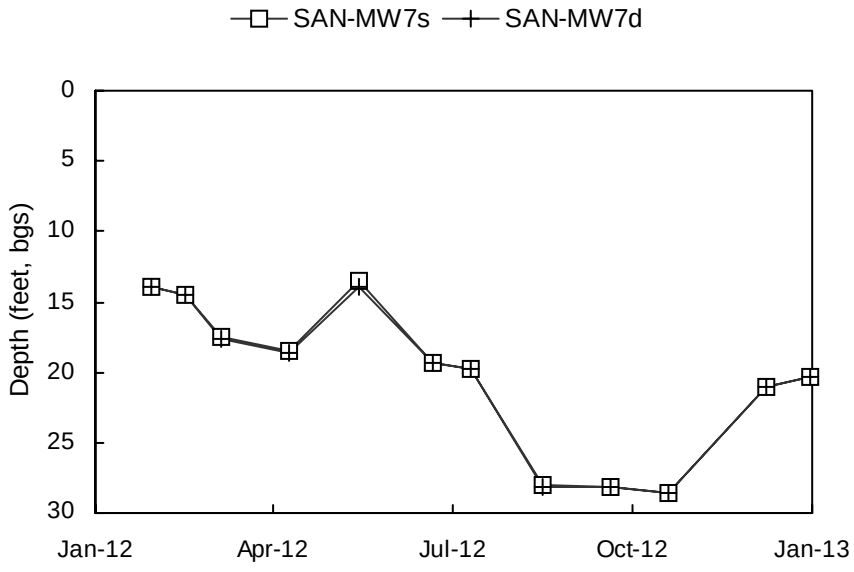


Depth scale shown to the nearest integer.

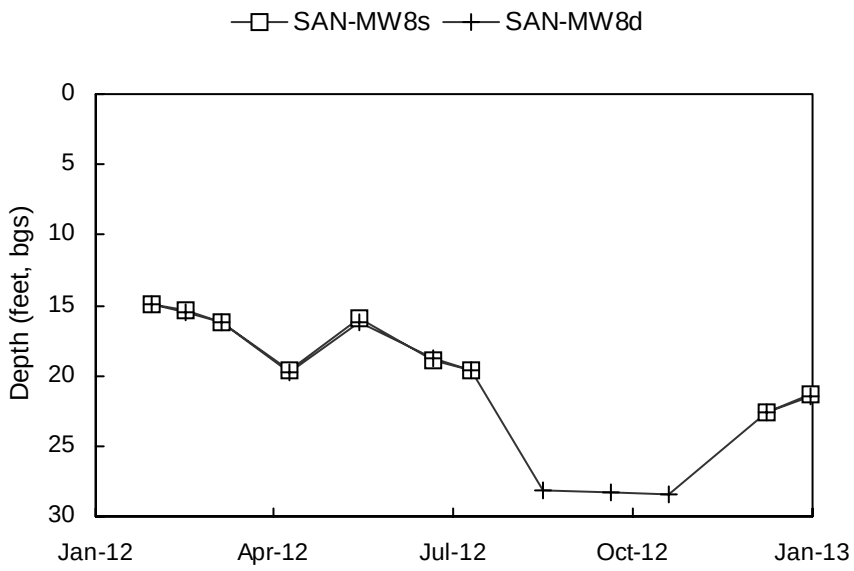


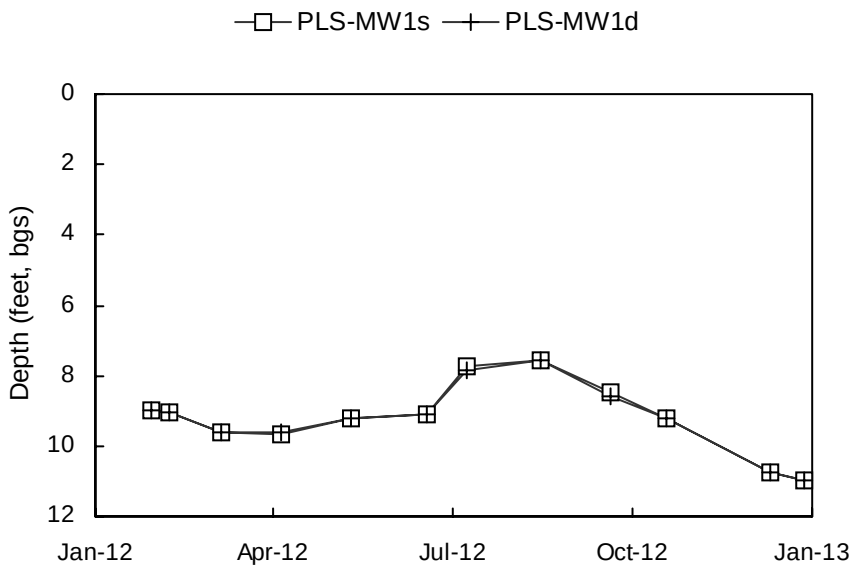


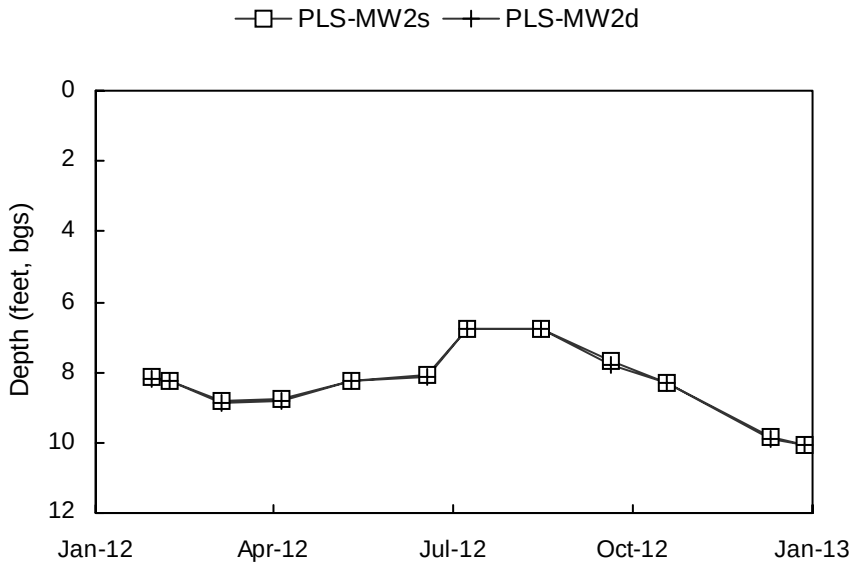


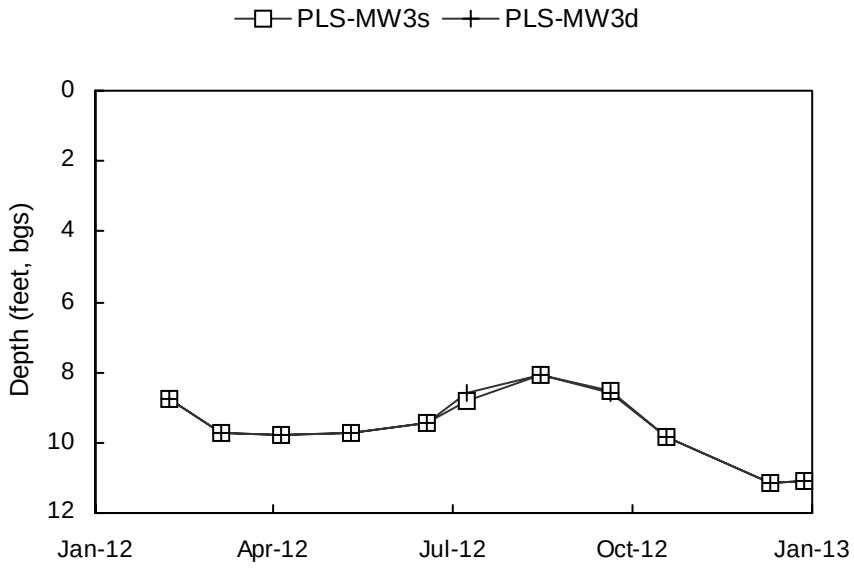


Depth scale shown to the nearest integer.

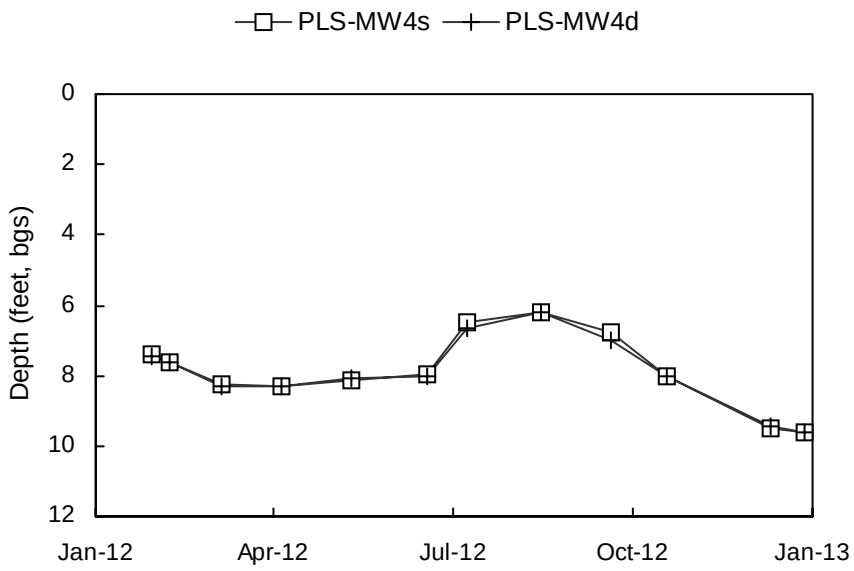


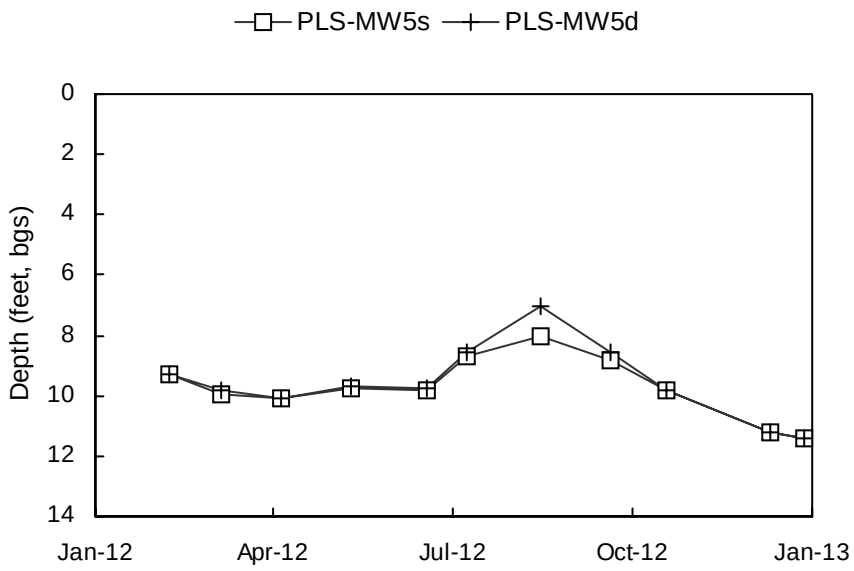


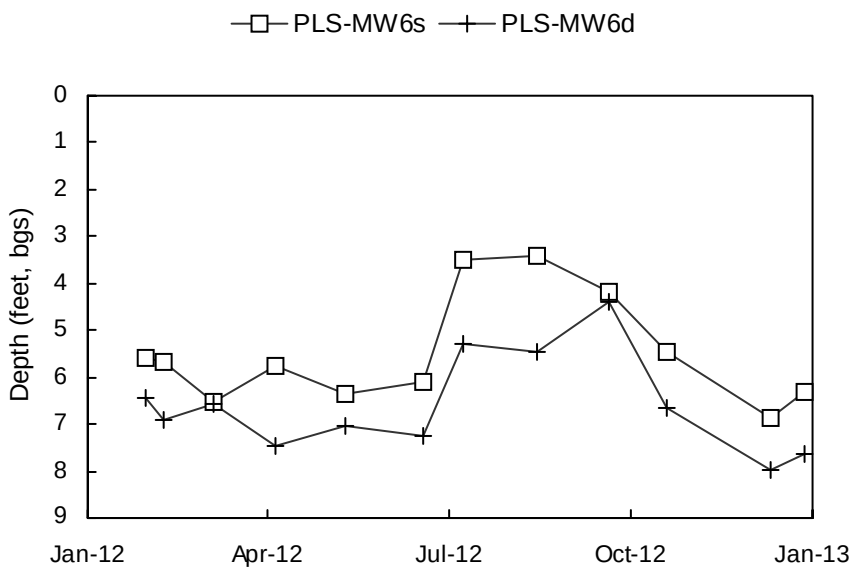


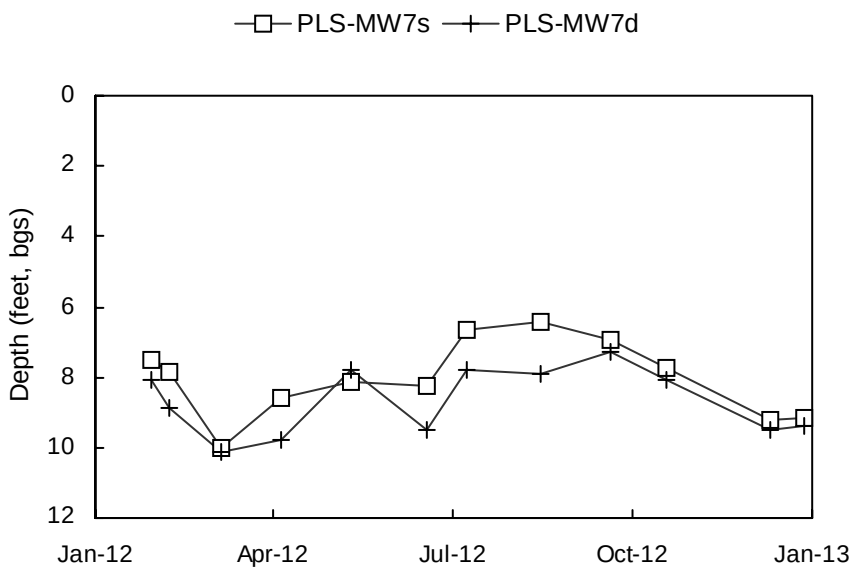


Depth scale shown to the nearest integer.

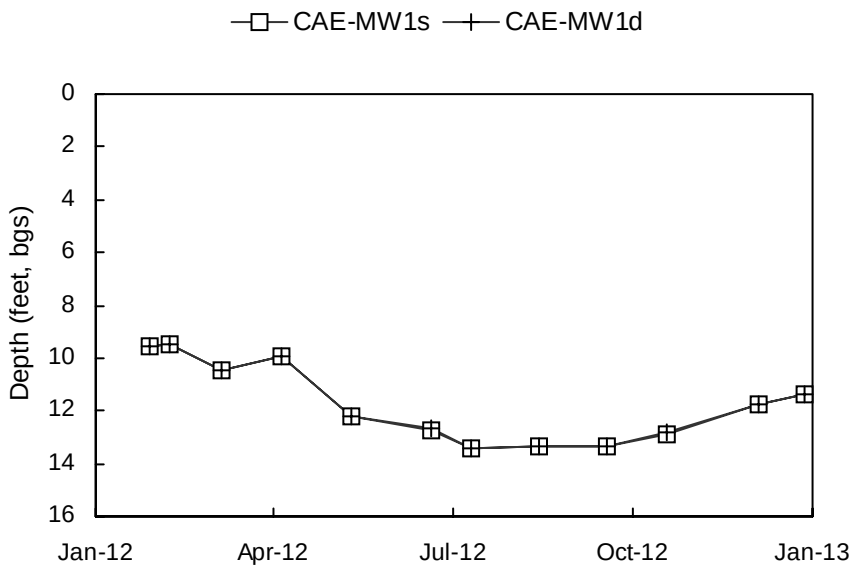


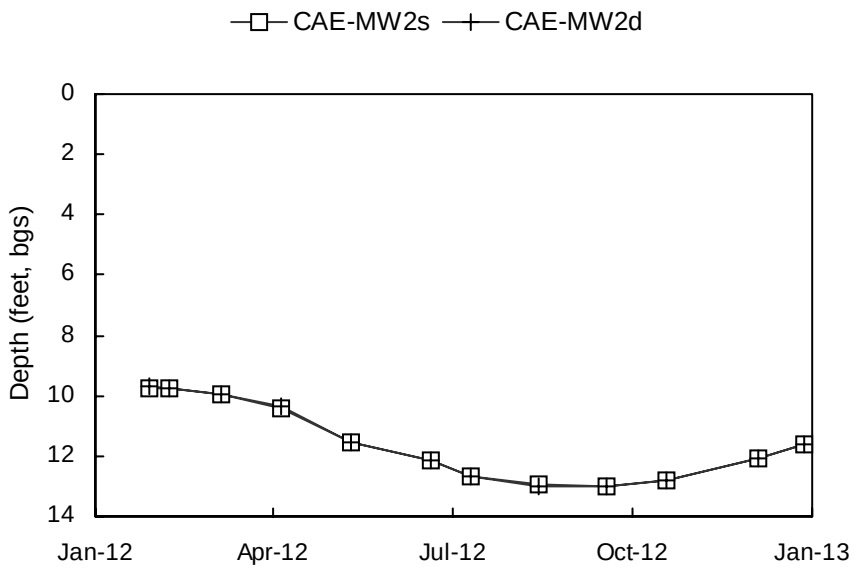


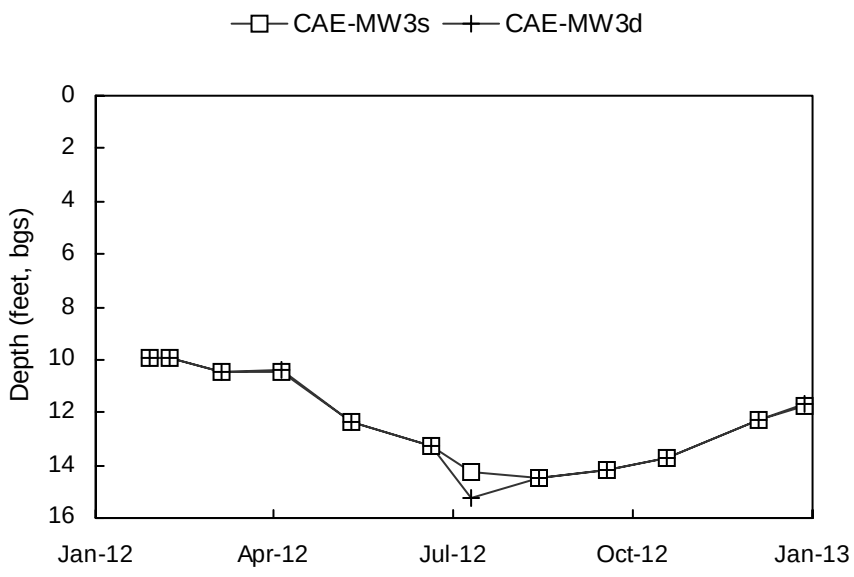


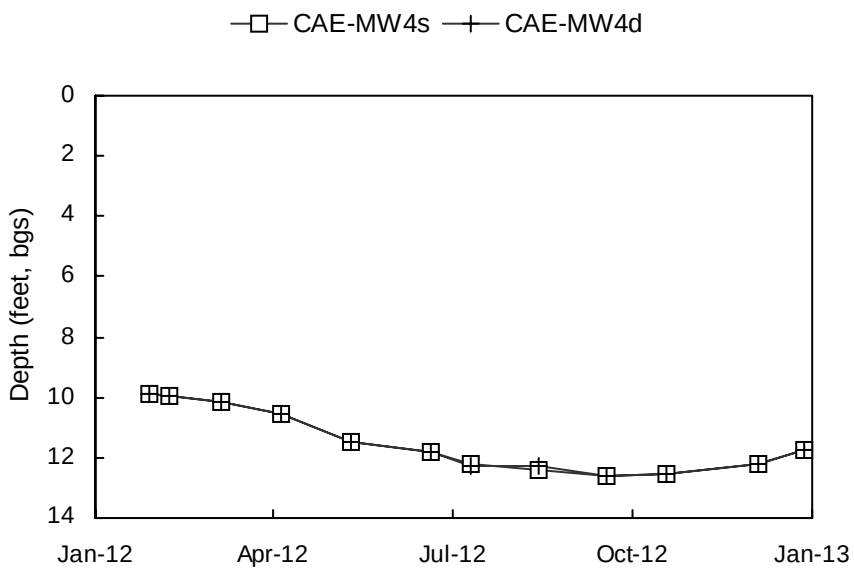


Depth scale shown to the nearest integer.

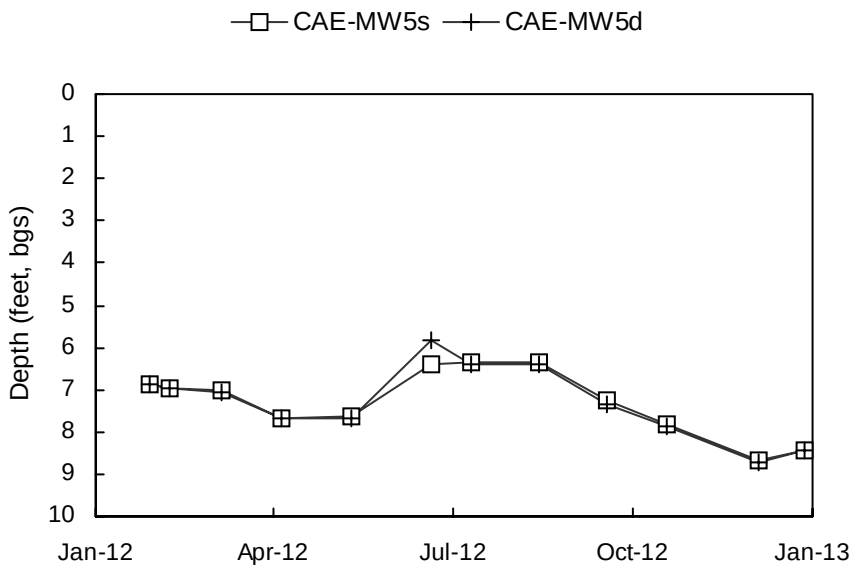


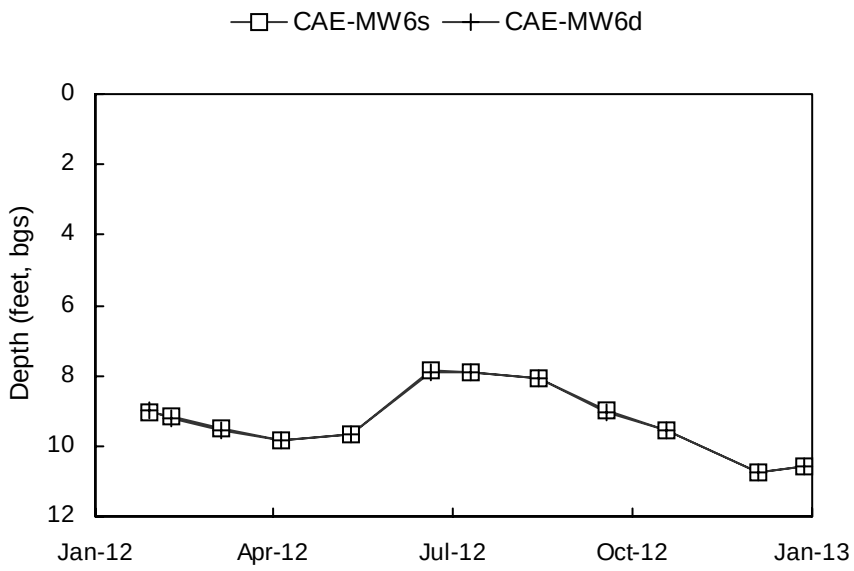


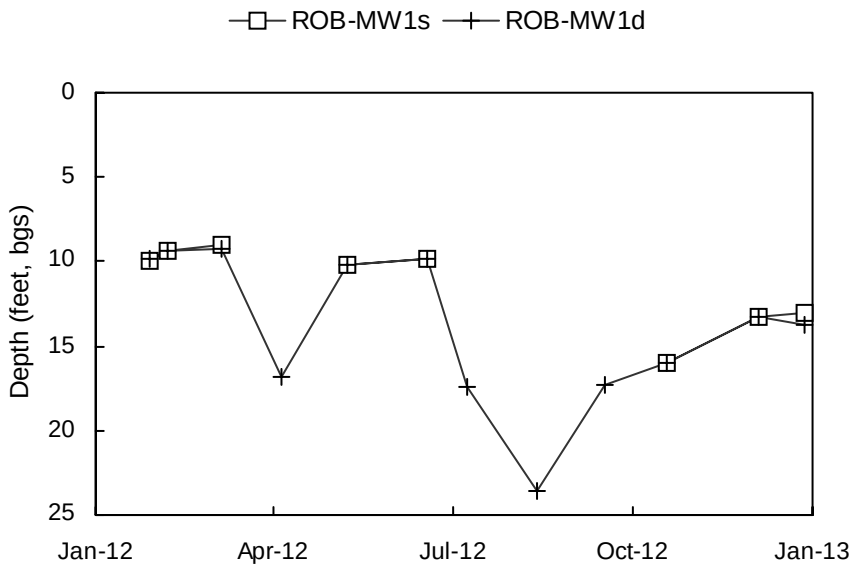


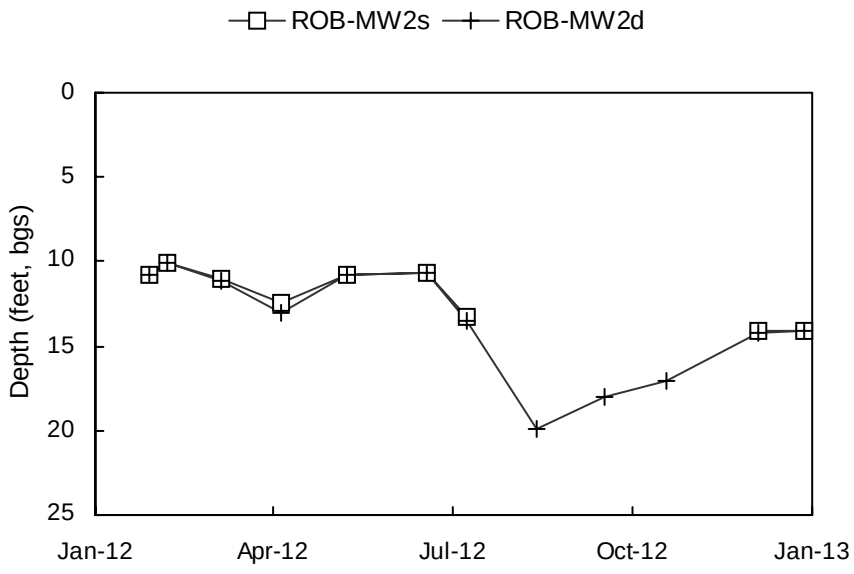


Depth scale shown to the nearest integer.

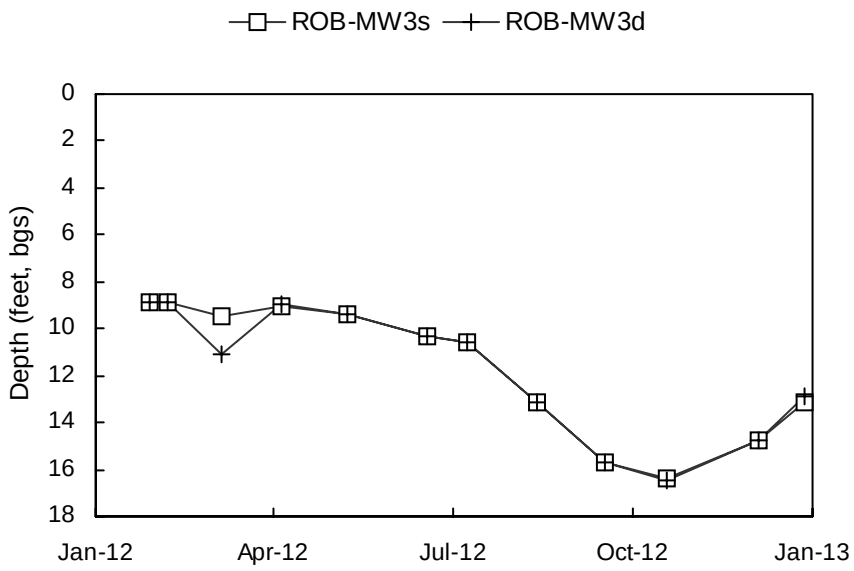


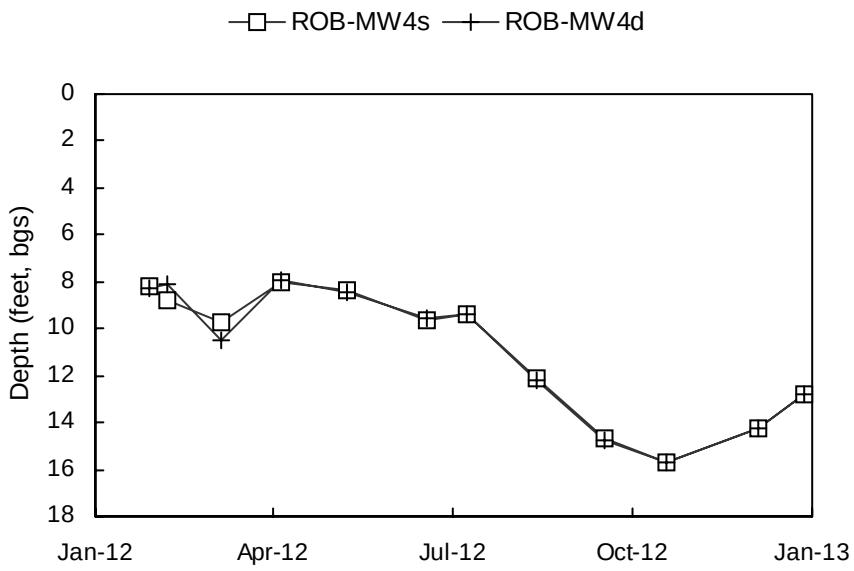


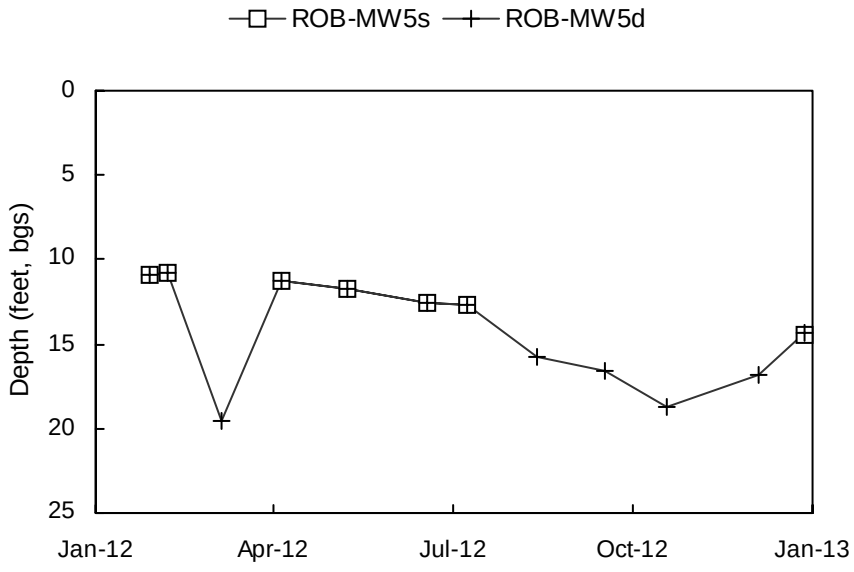


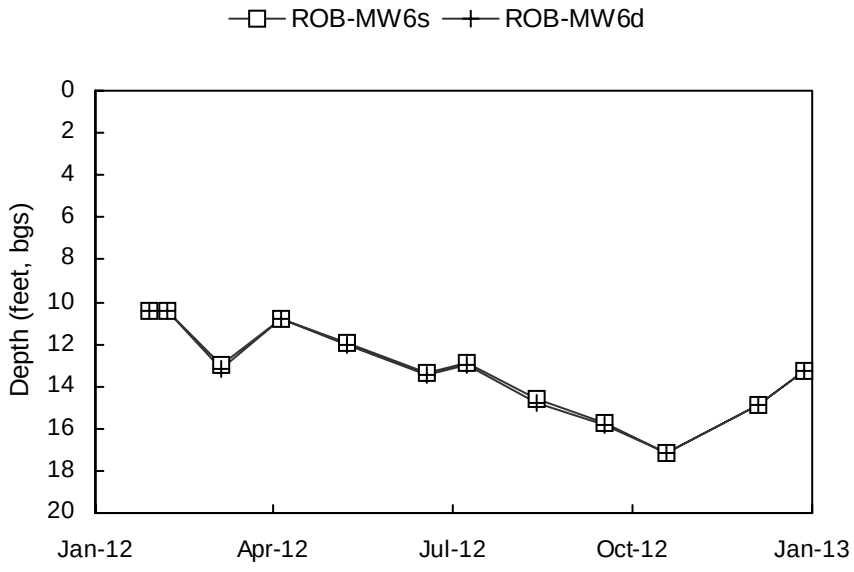


Depth scale shown to the nearest integer.

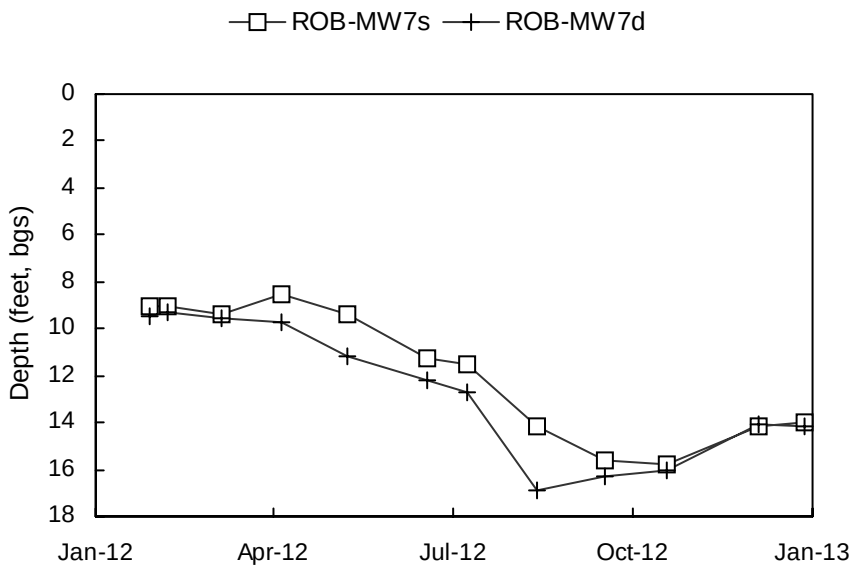


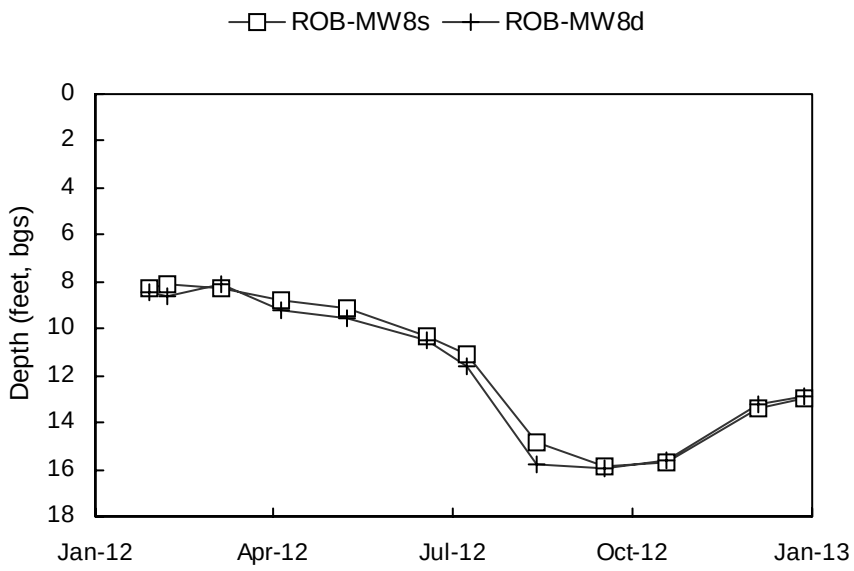


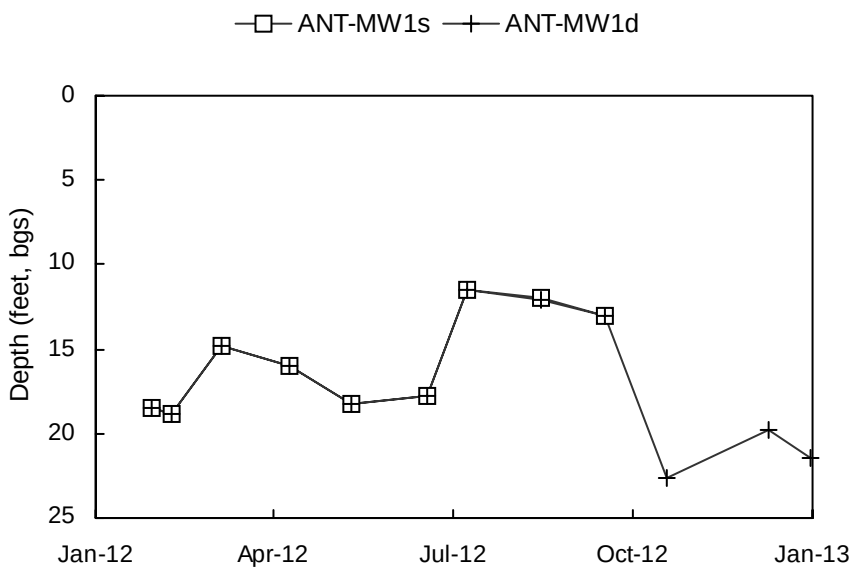


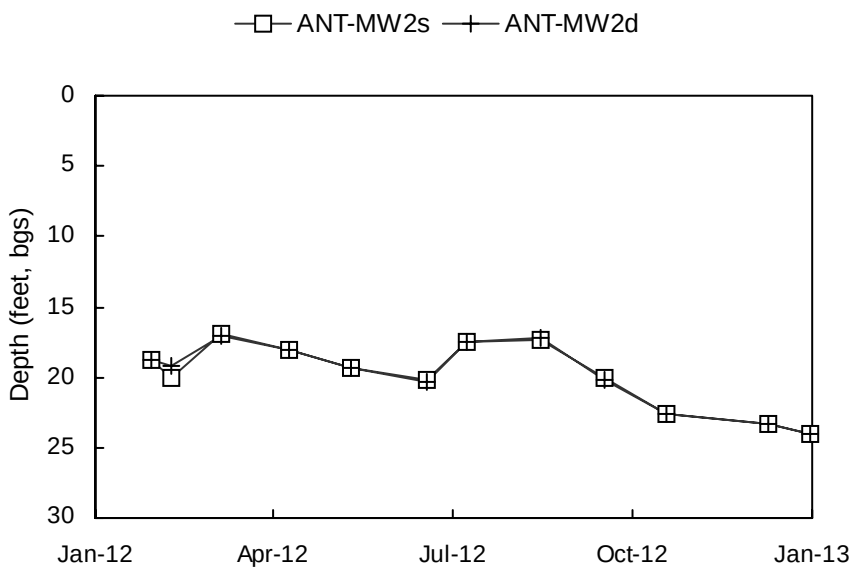


Depth scale shown to the nearest integer.

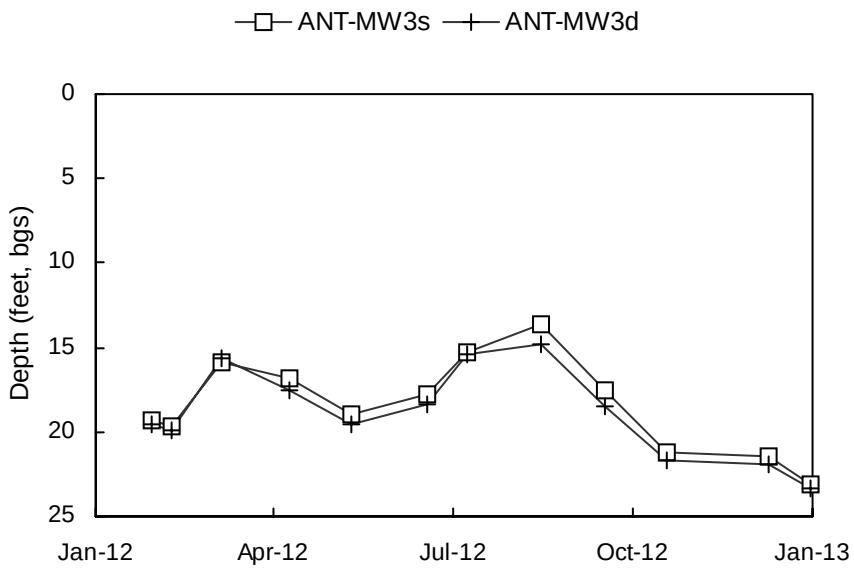


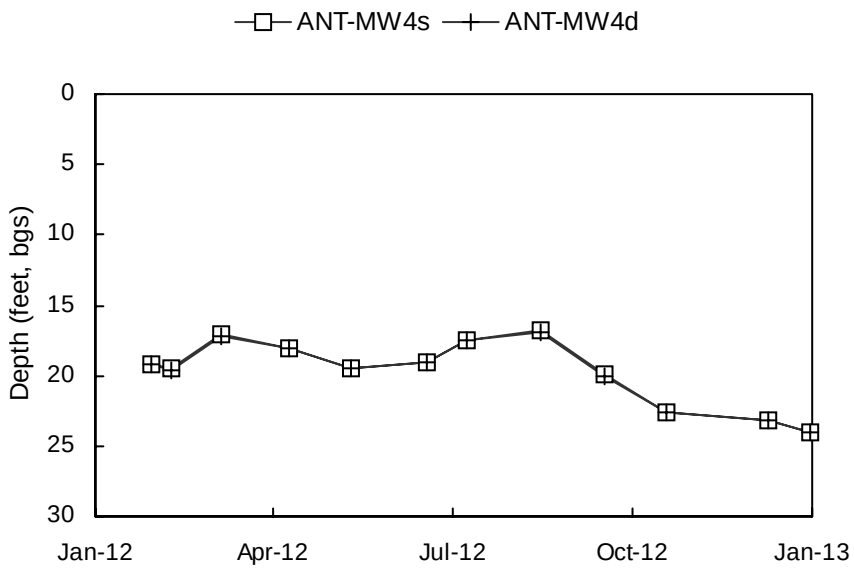


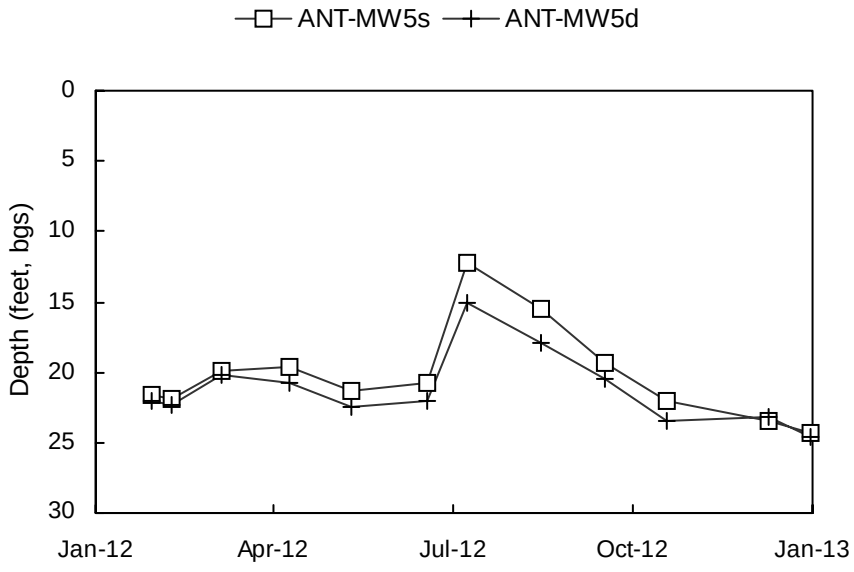


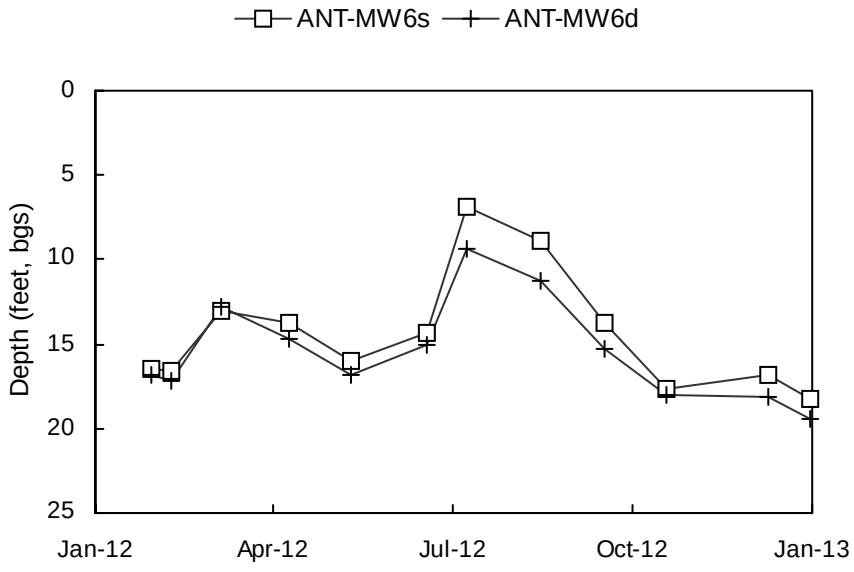


Depth scale shown to the nearest integer.

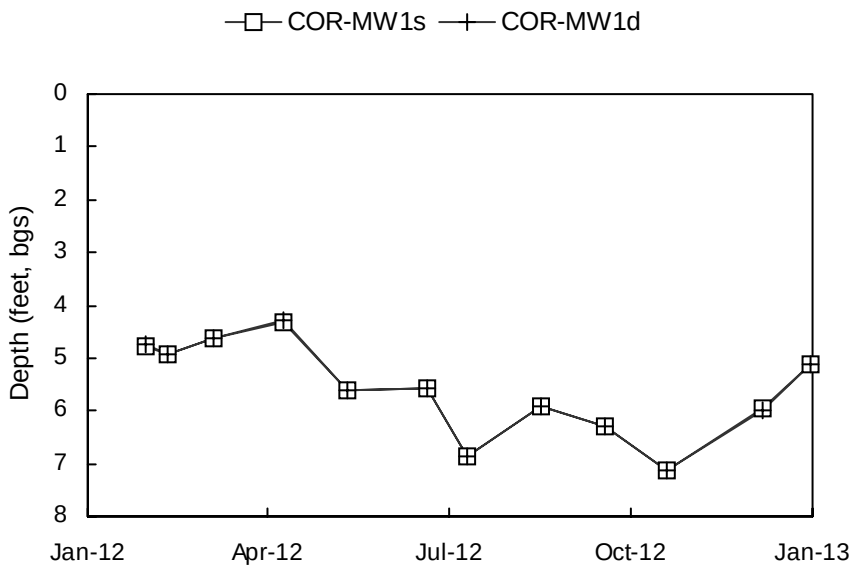


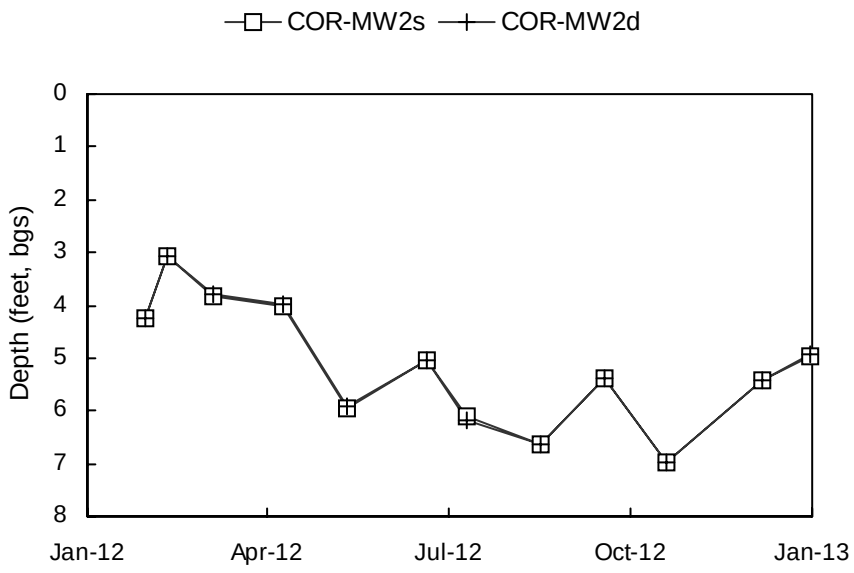


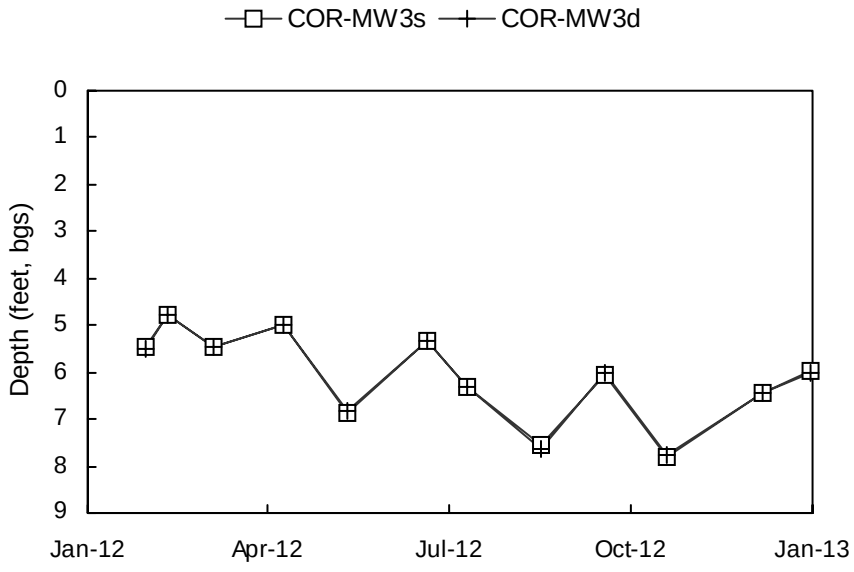


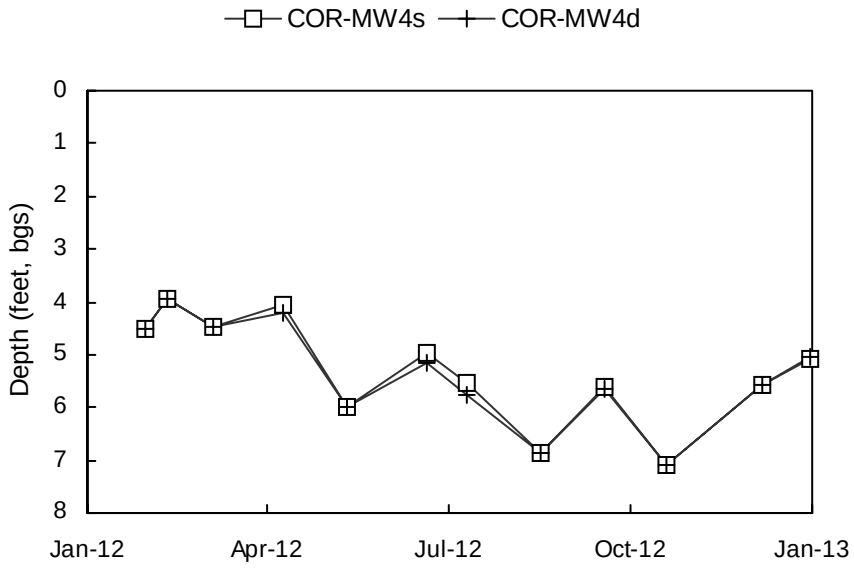


Depth scale shown to the nearest integer.

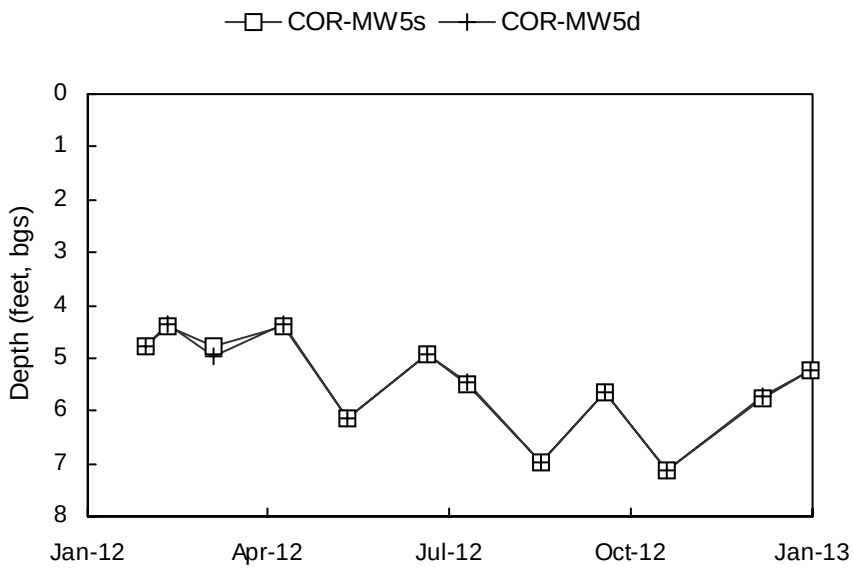


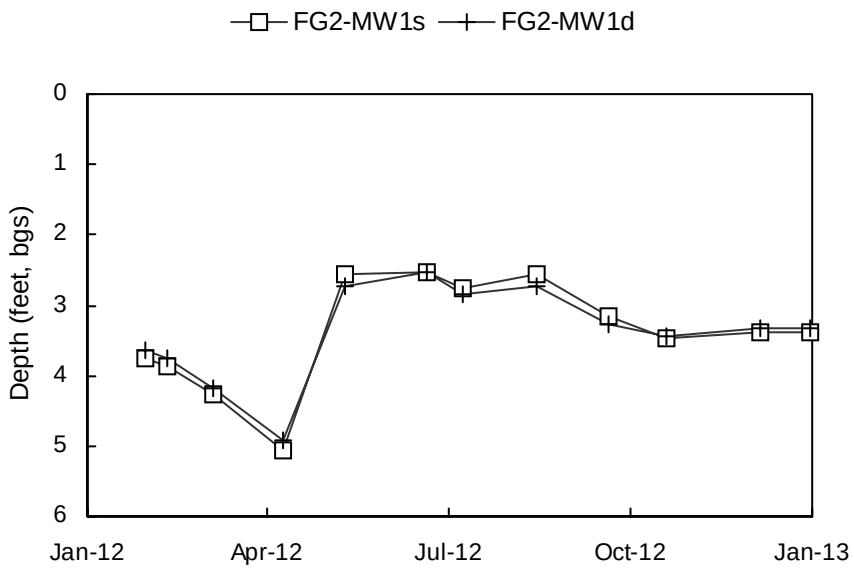


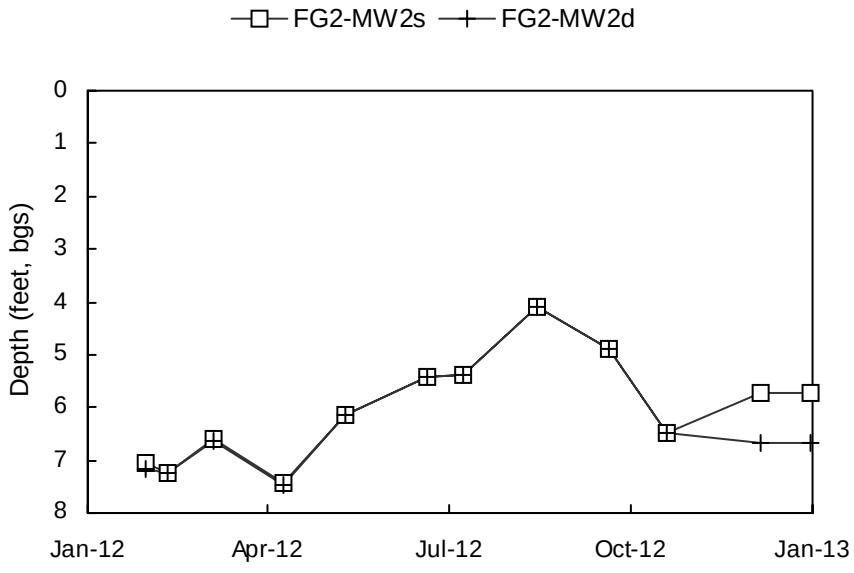


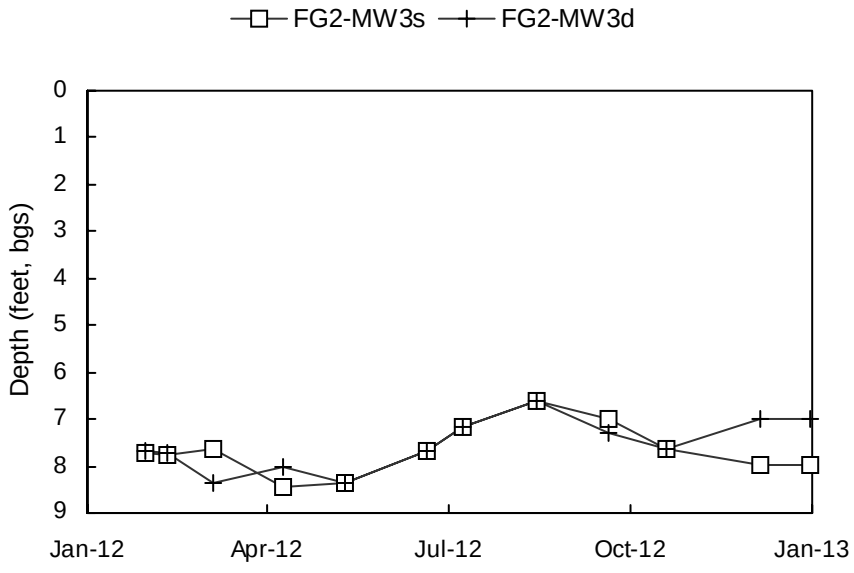


Depth scale shown to the nearest integer.

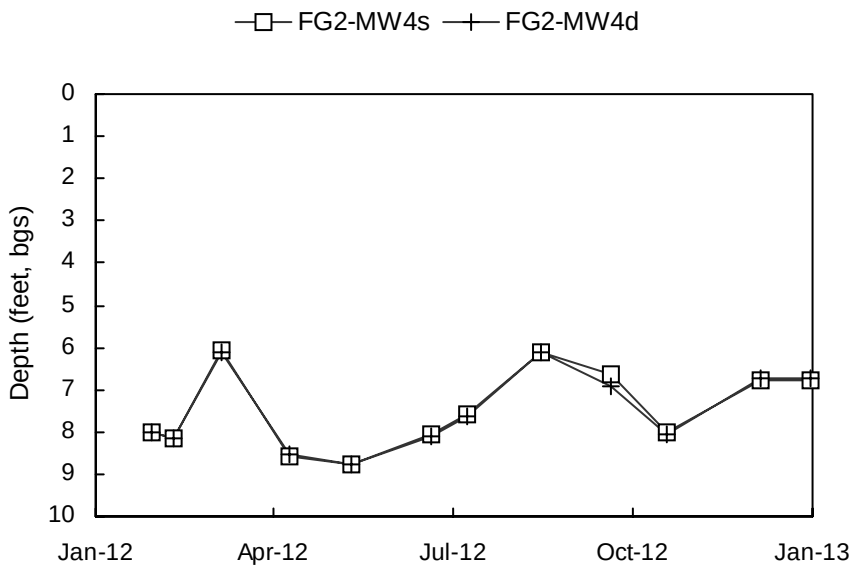


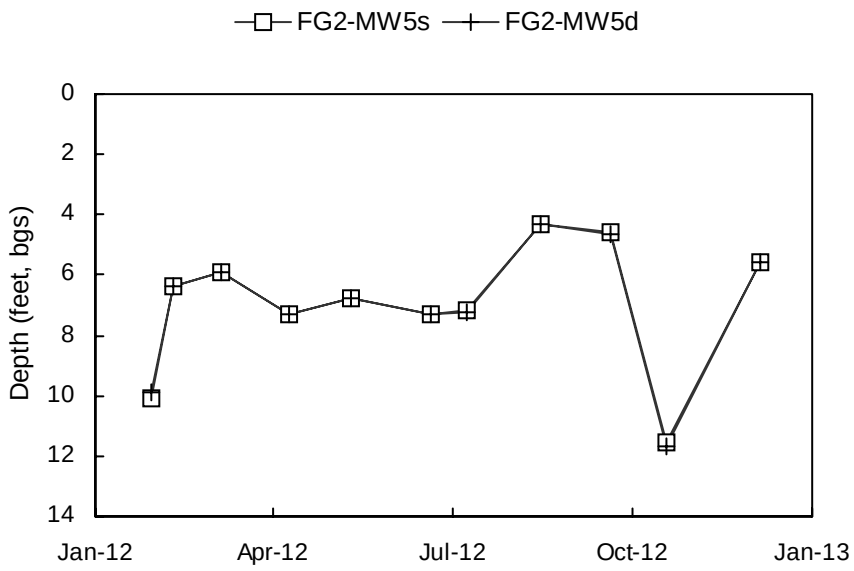


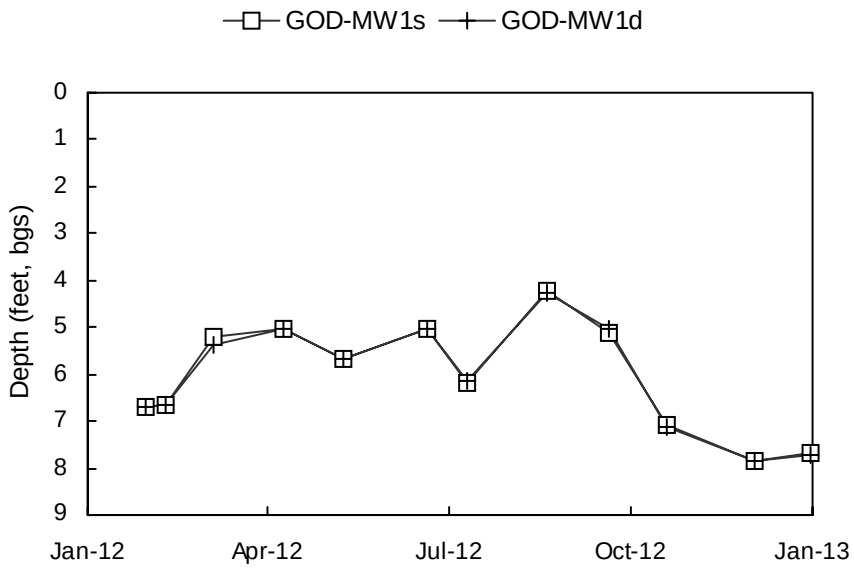


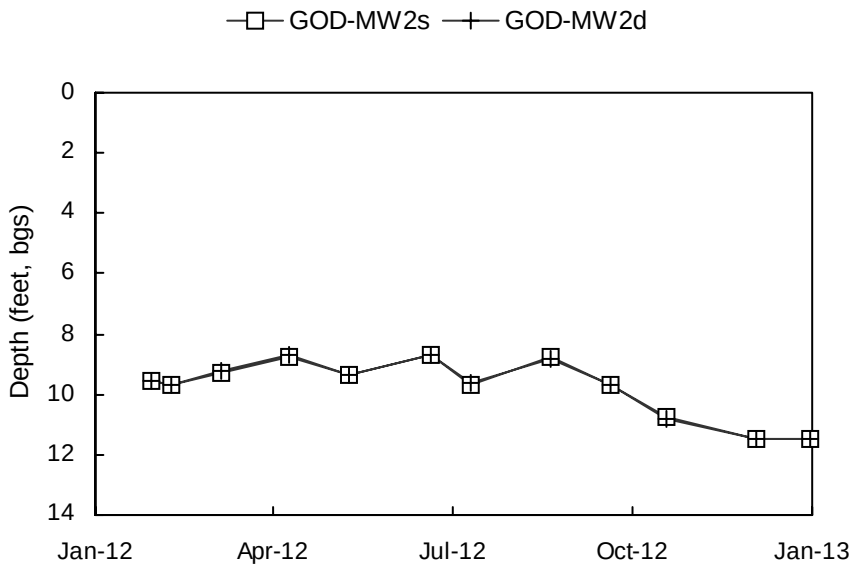


Depth scale shown to the nearest integer.

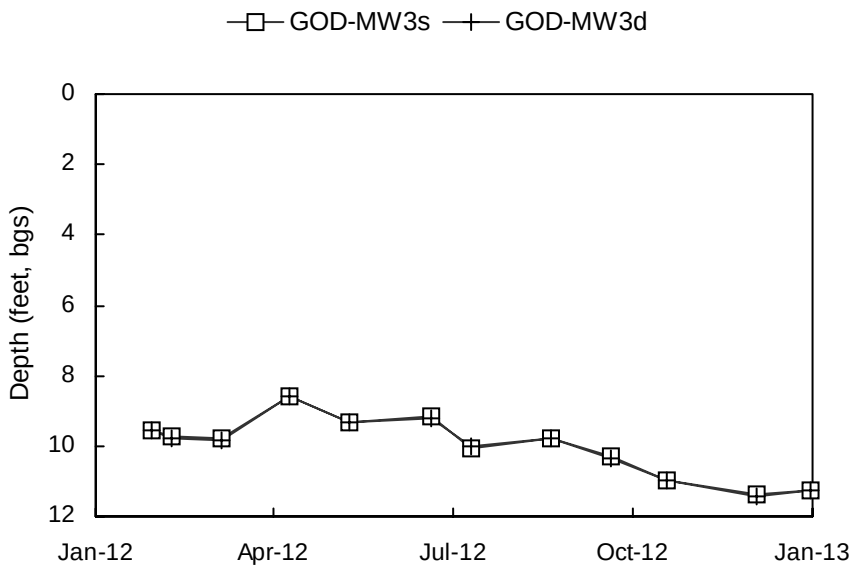


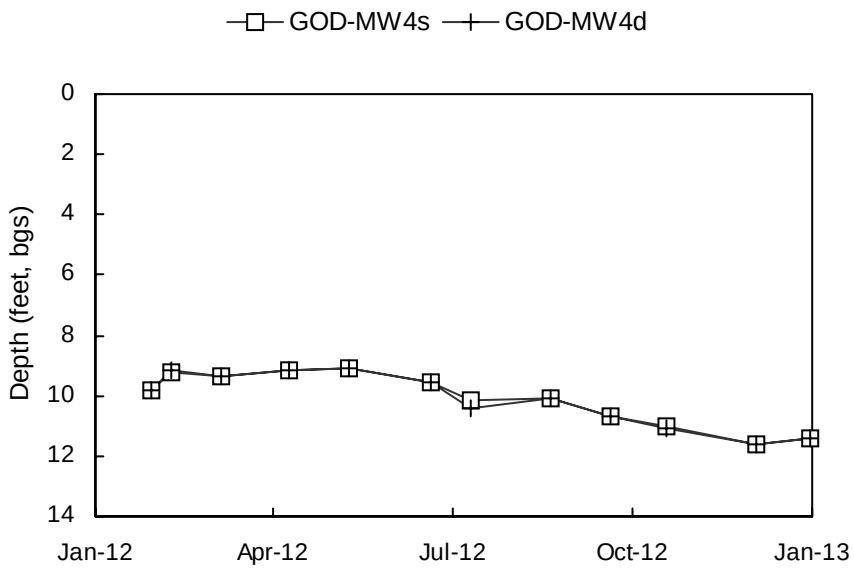


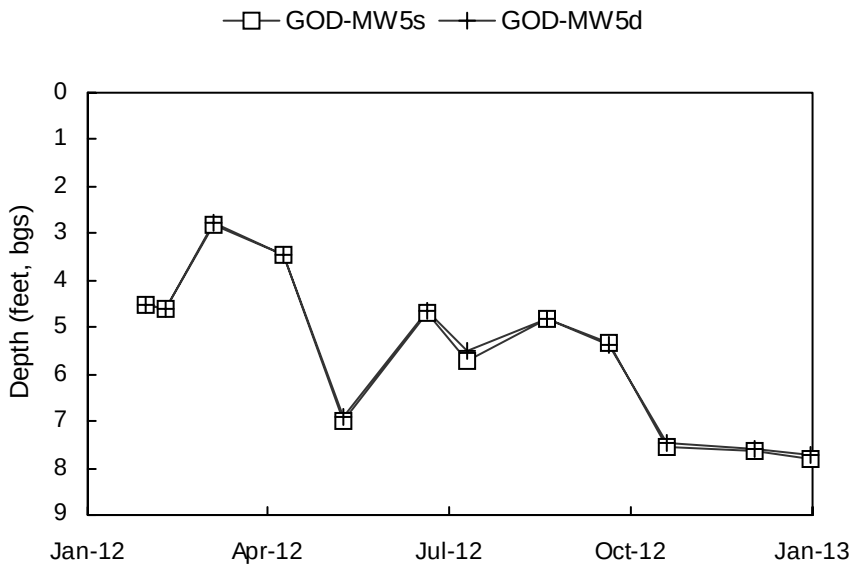


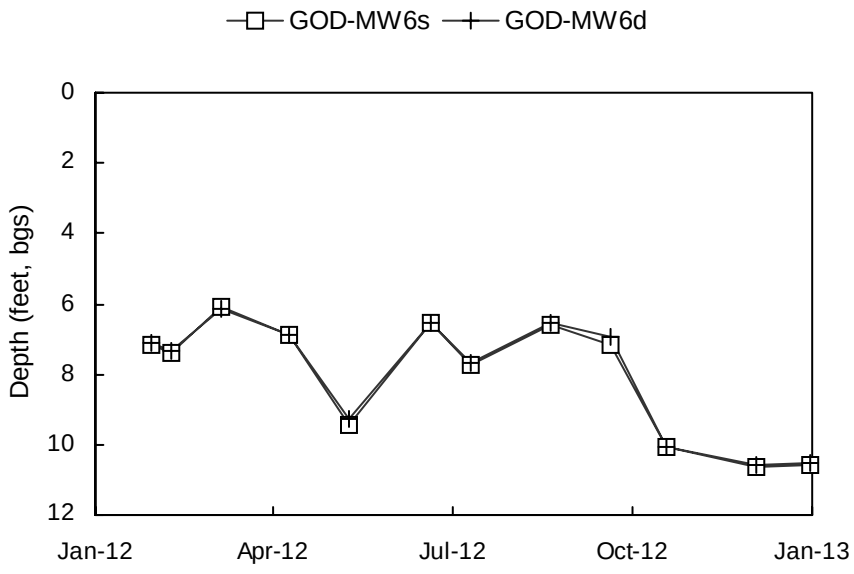


Depth scale shown to the nearest integer.

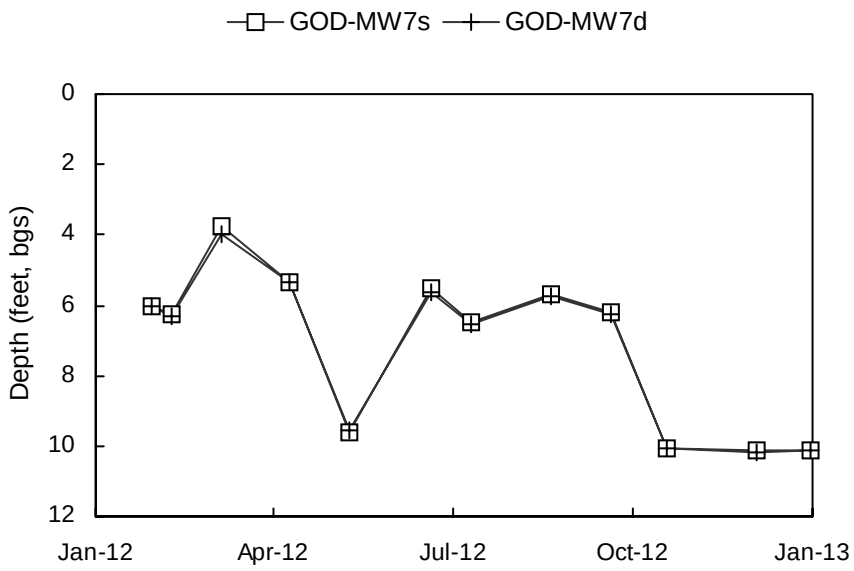


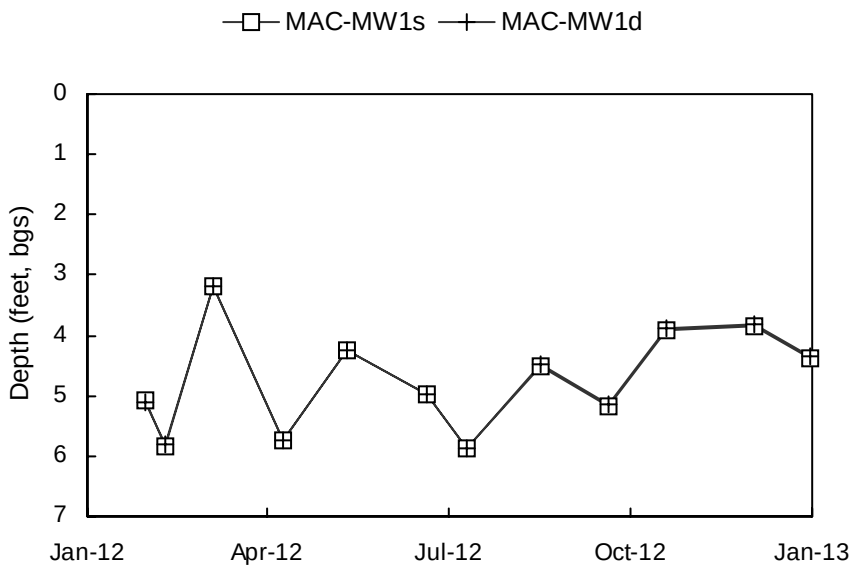


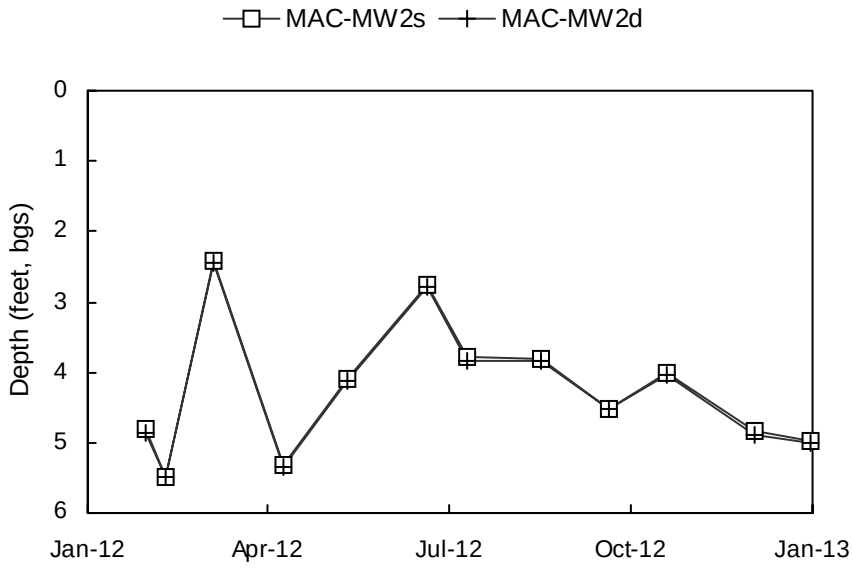


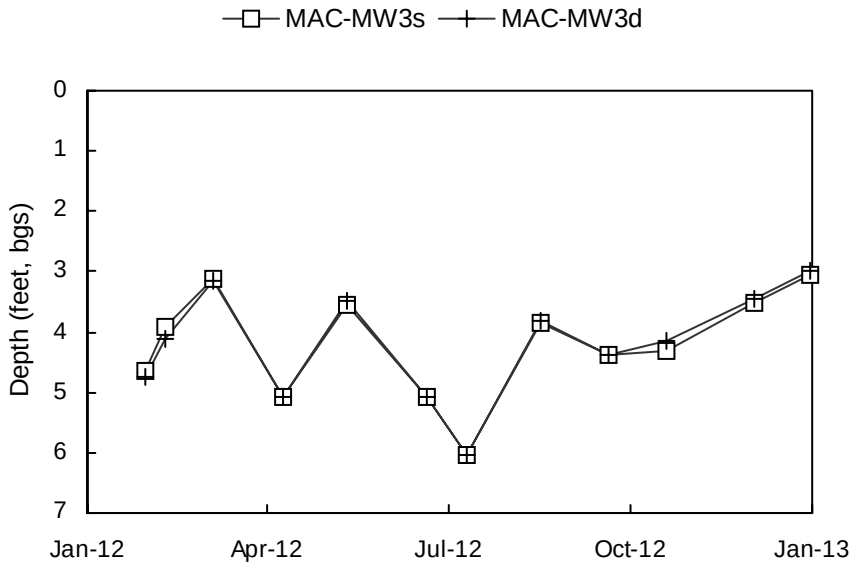


Depth scale shown to the nearest integer.

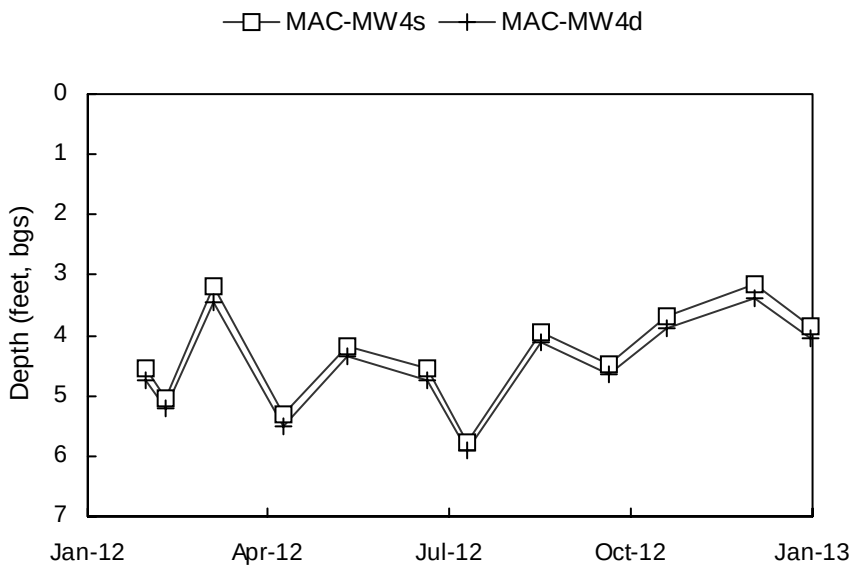


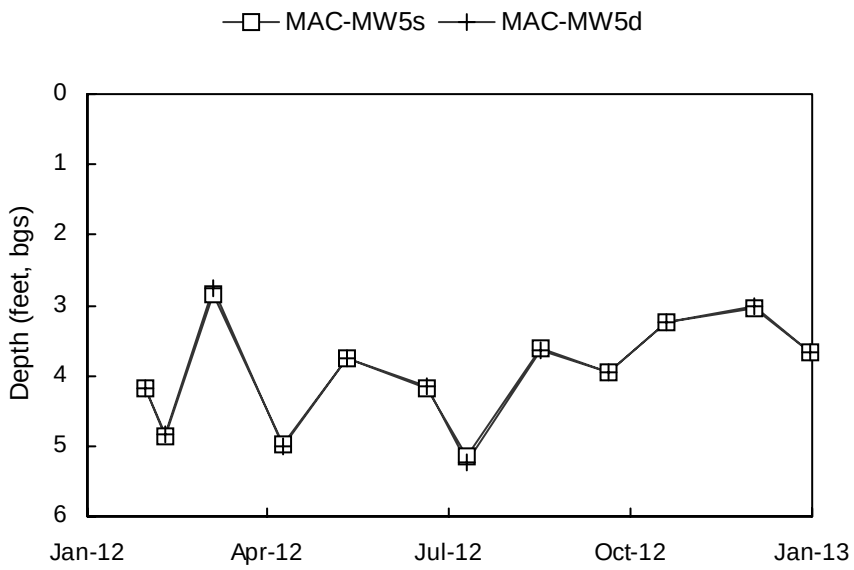


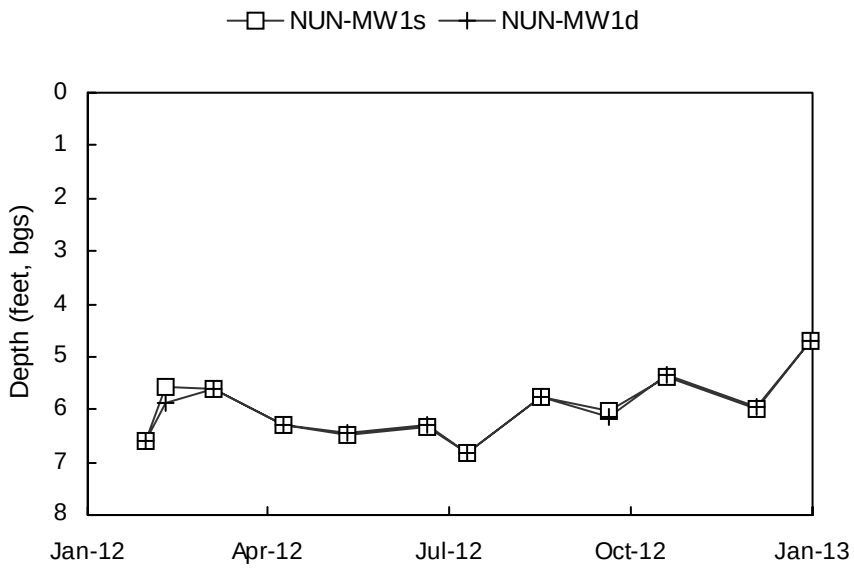


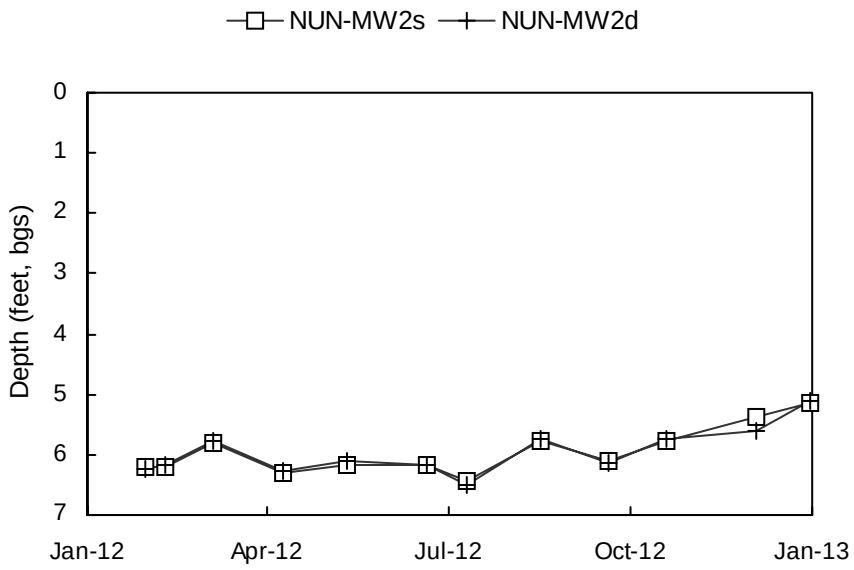


Depth scale shown to the nearest integer.

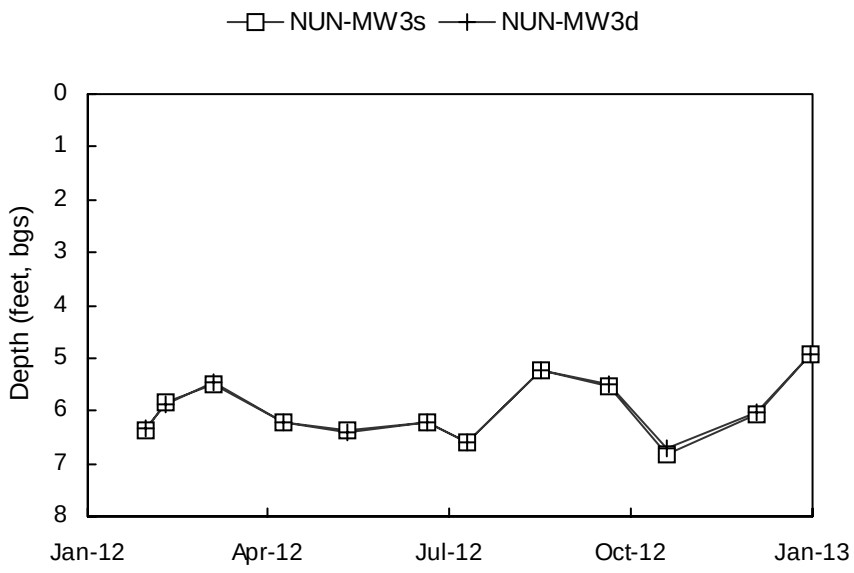


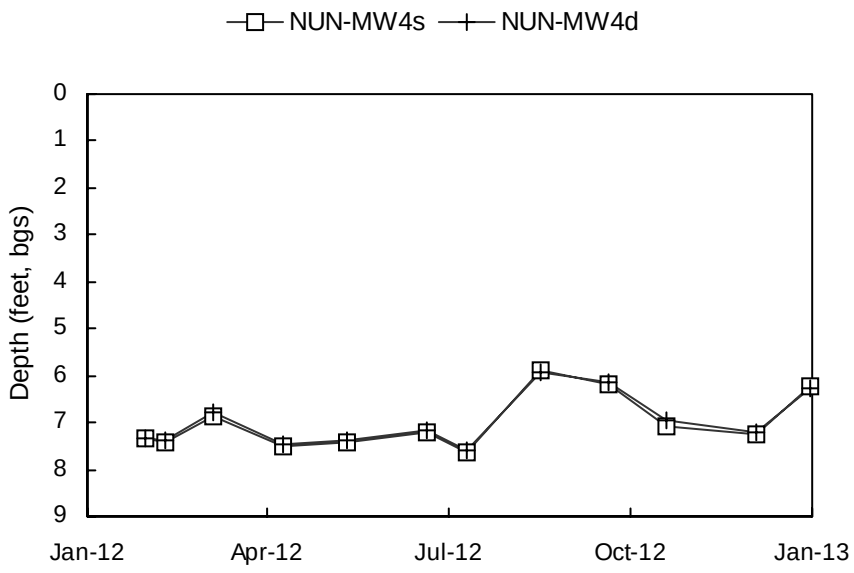


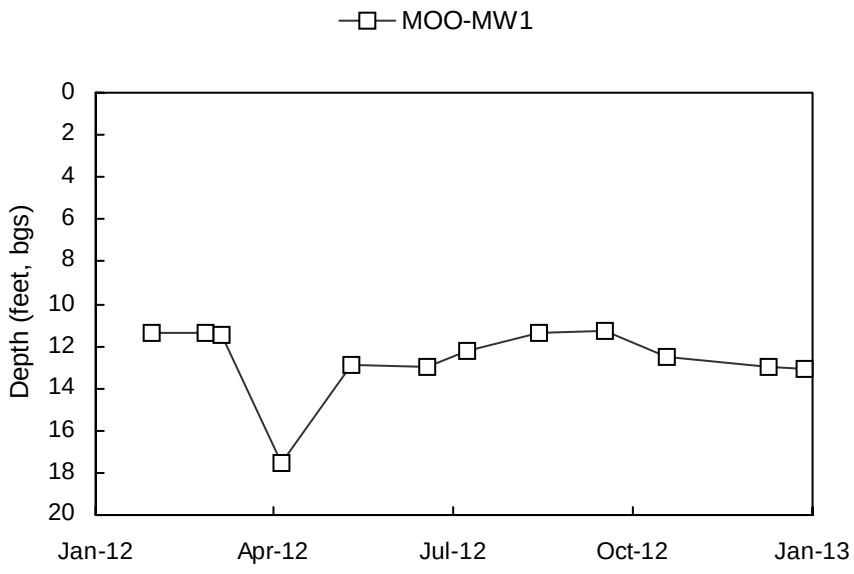


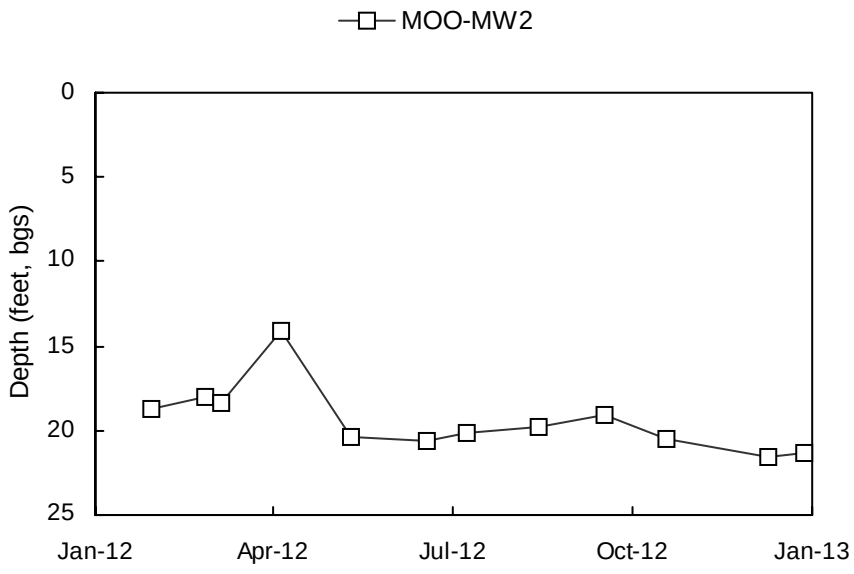


Depth scale shown to the nearest integer.

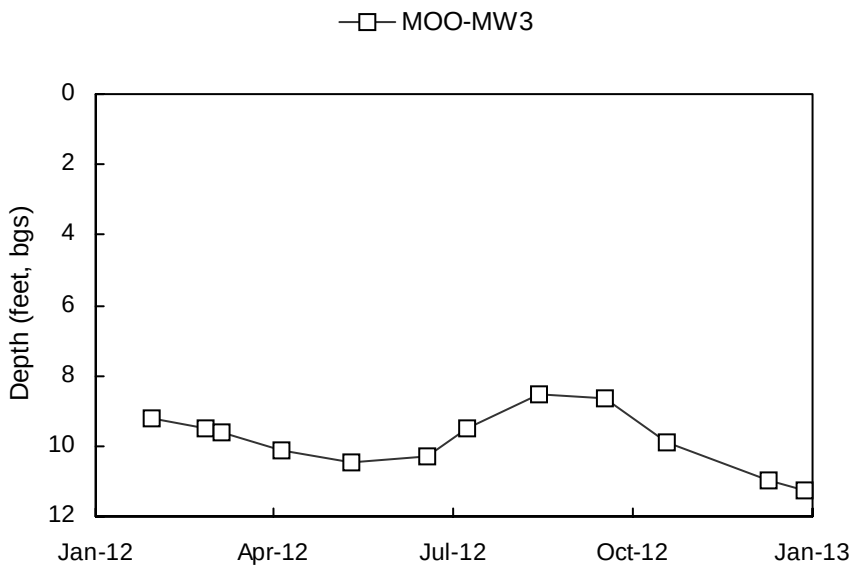


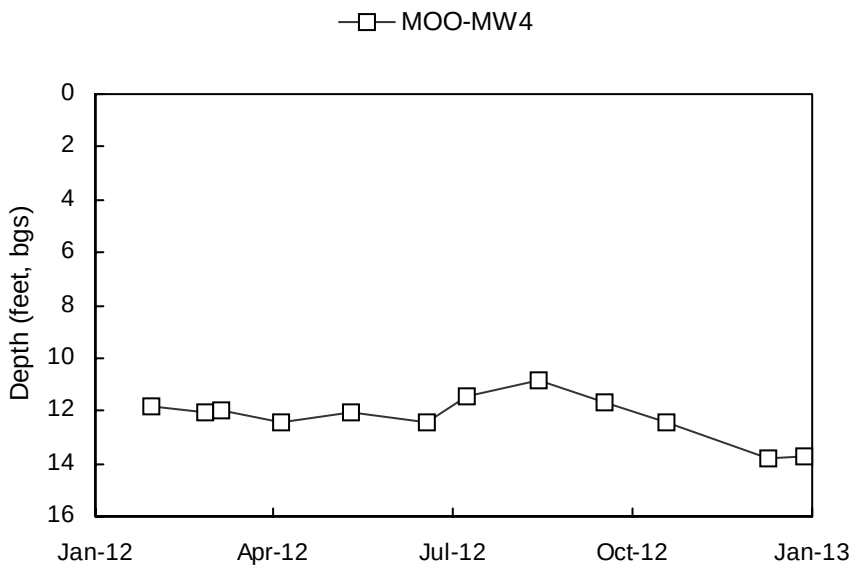


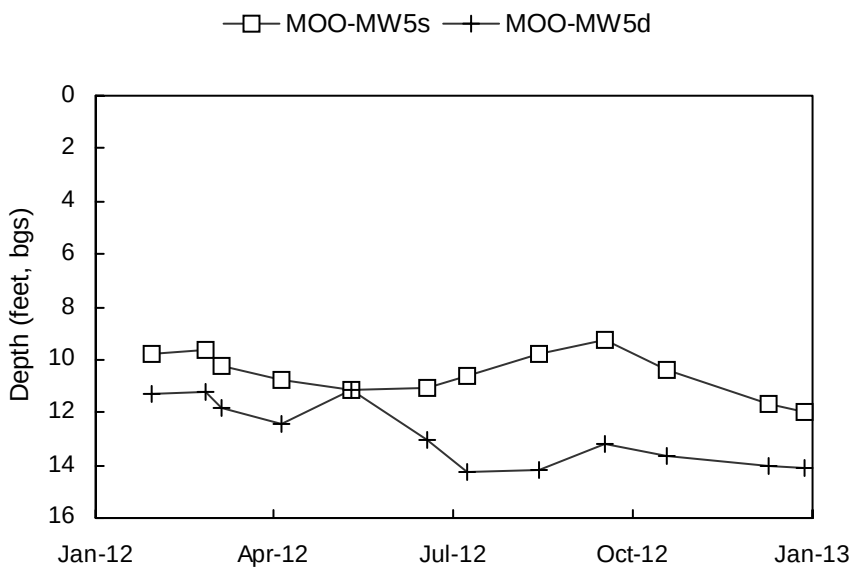


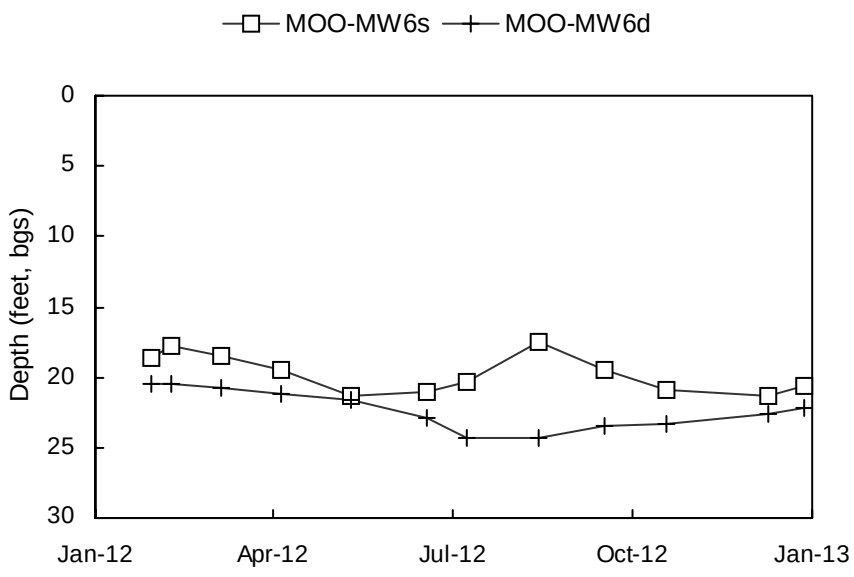


Depth scale shown to the nearest integer.

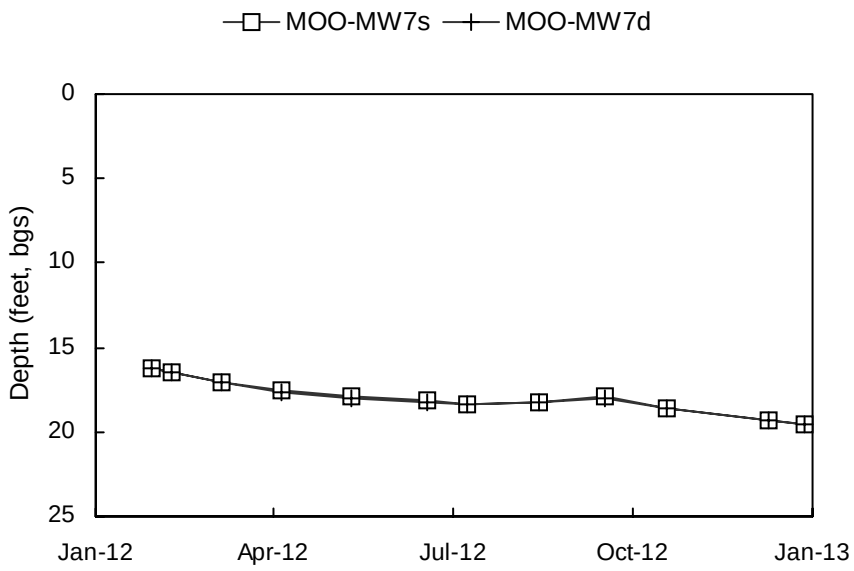


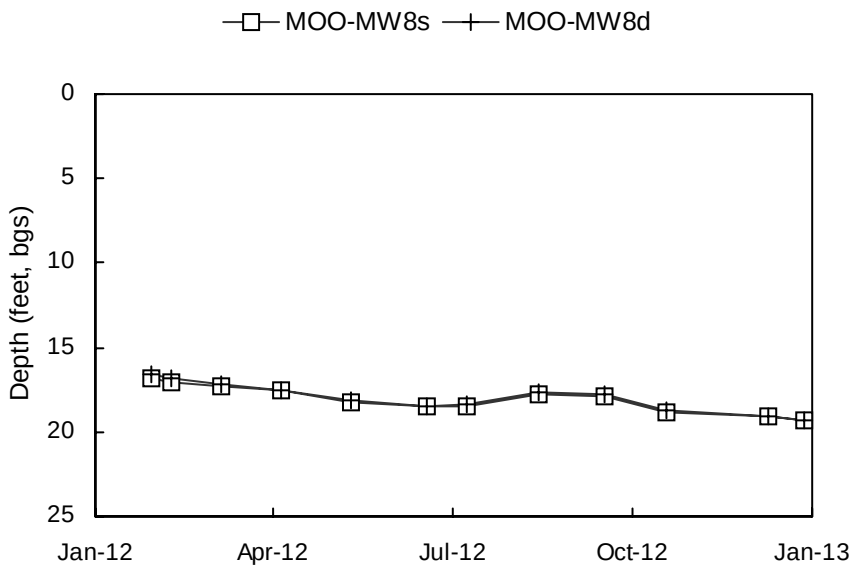


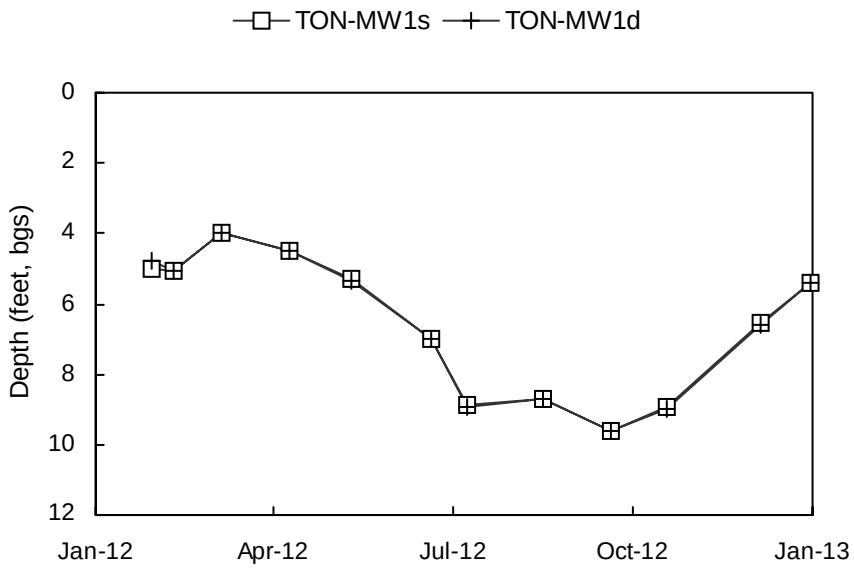


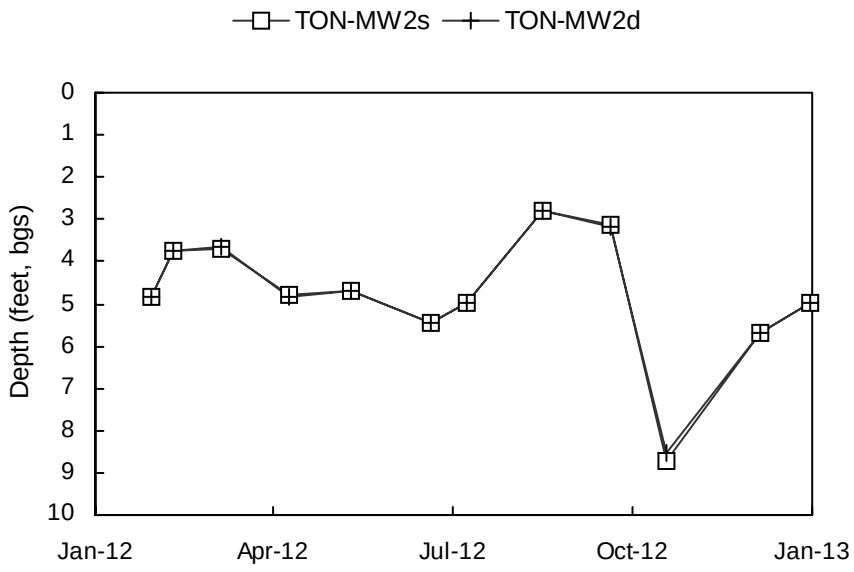


Depth scale shown to the nearest integer.

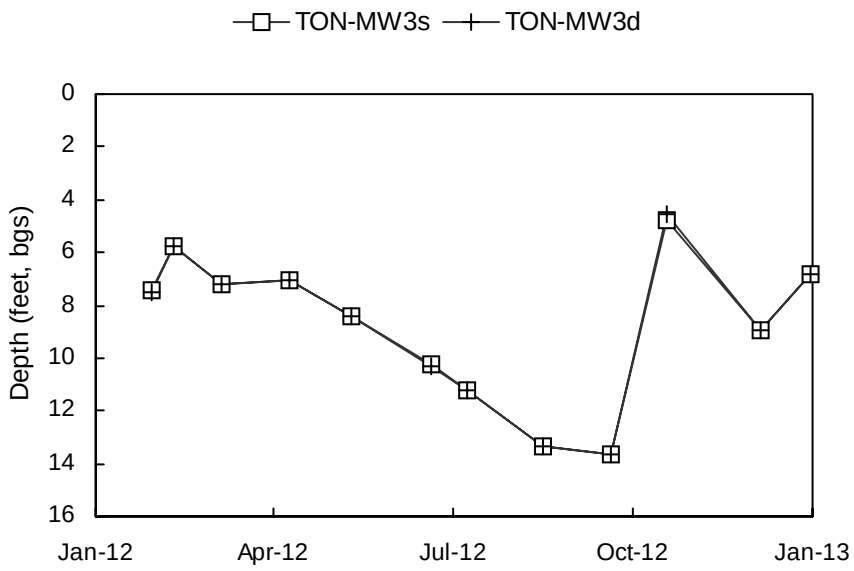


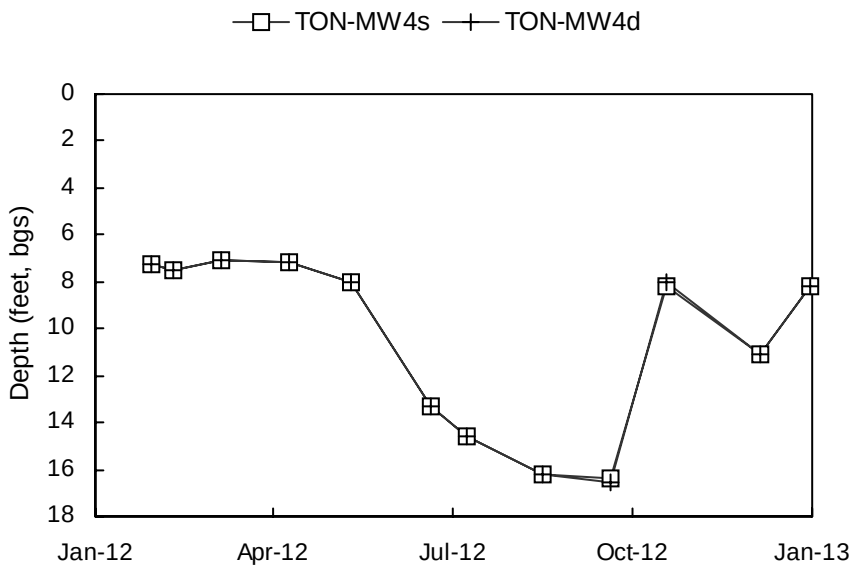


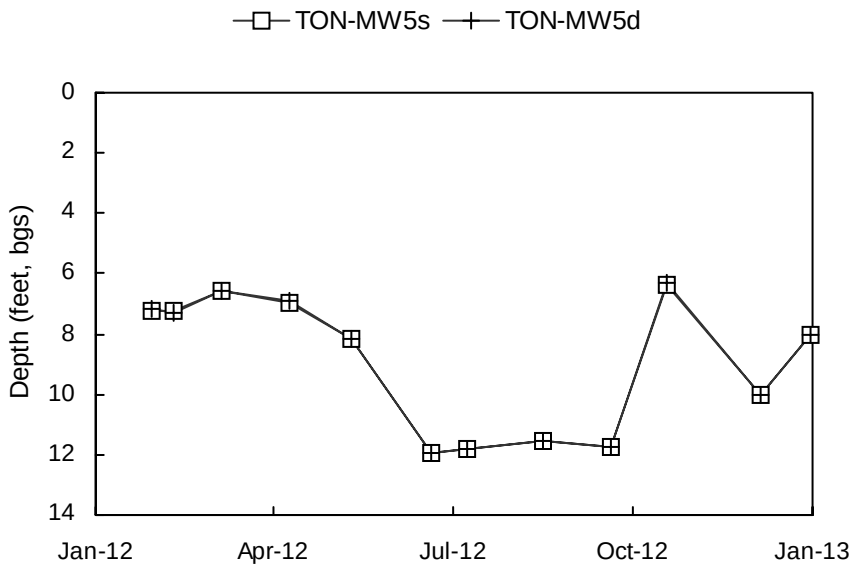


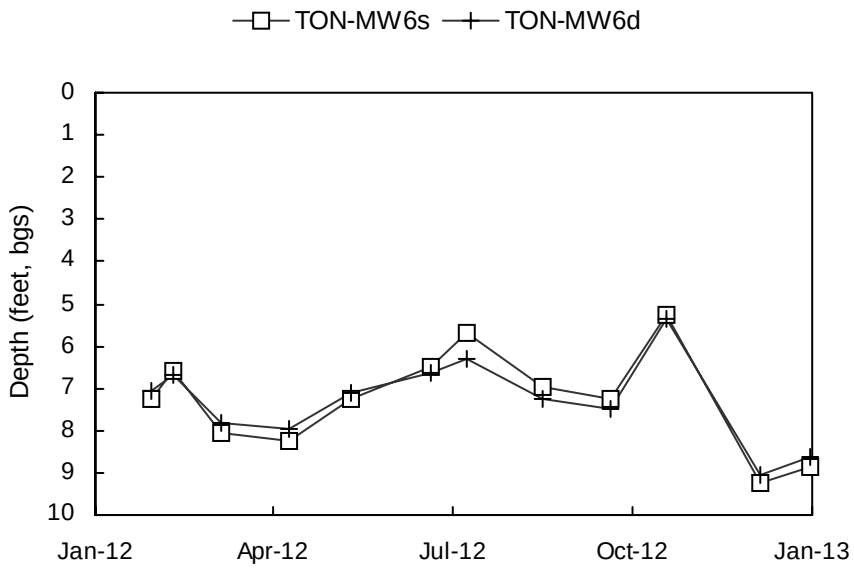


Depth scale shown to the nearest integer.

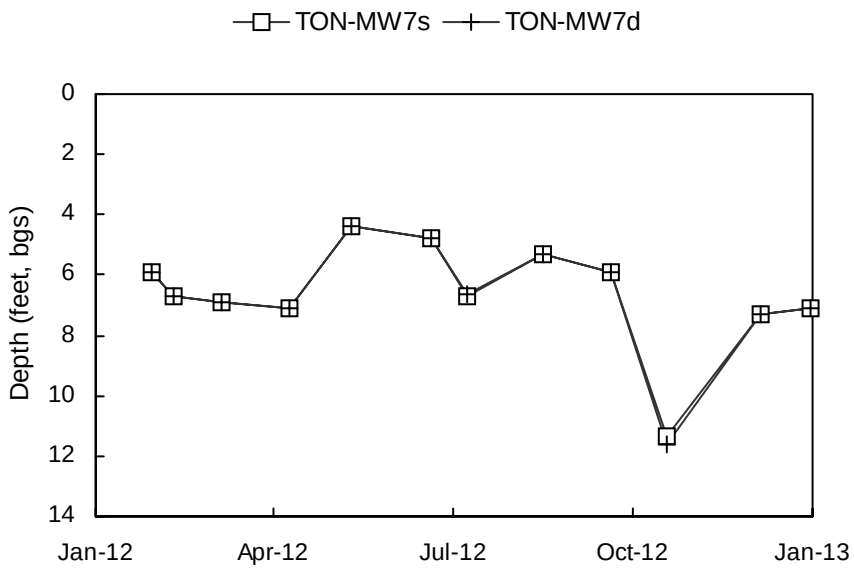


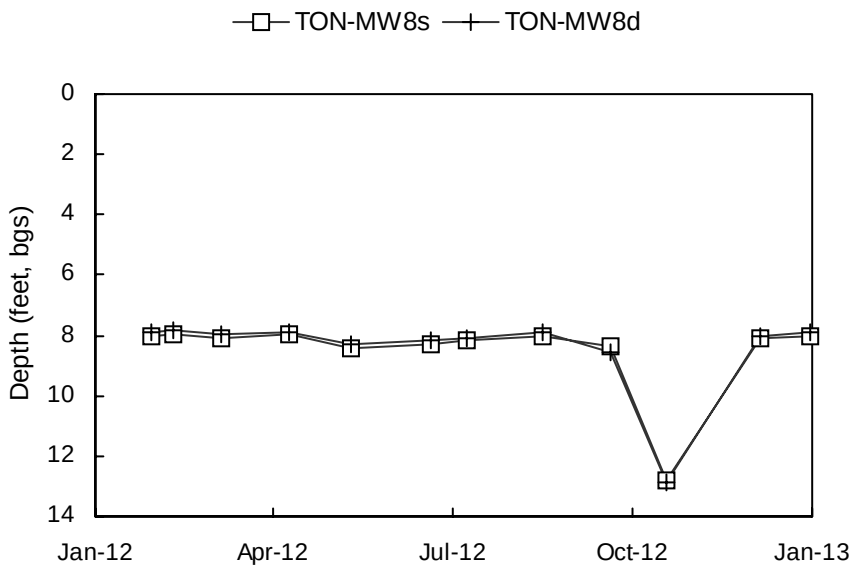






Depth scale shown to the nearest integer.



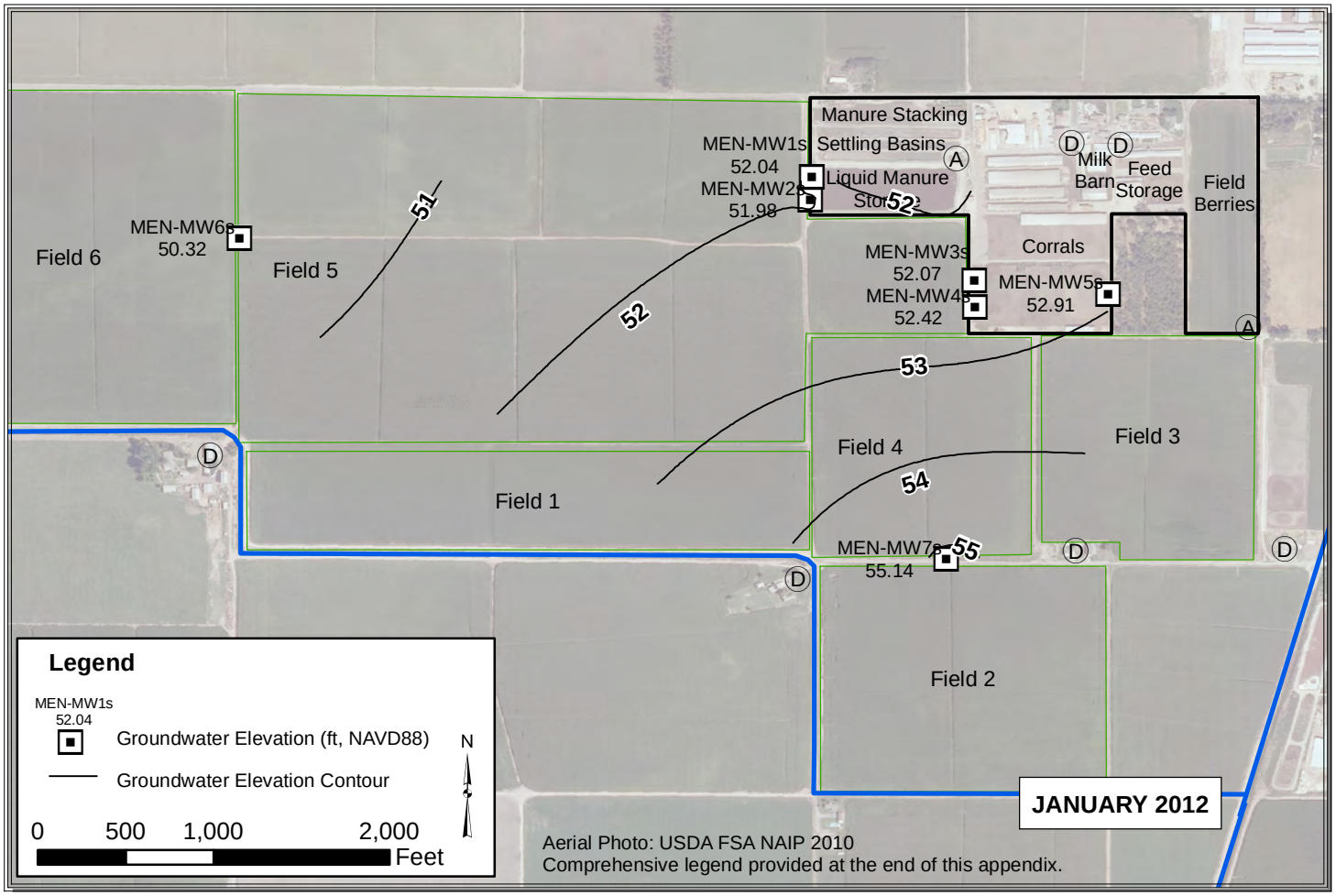


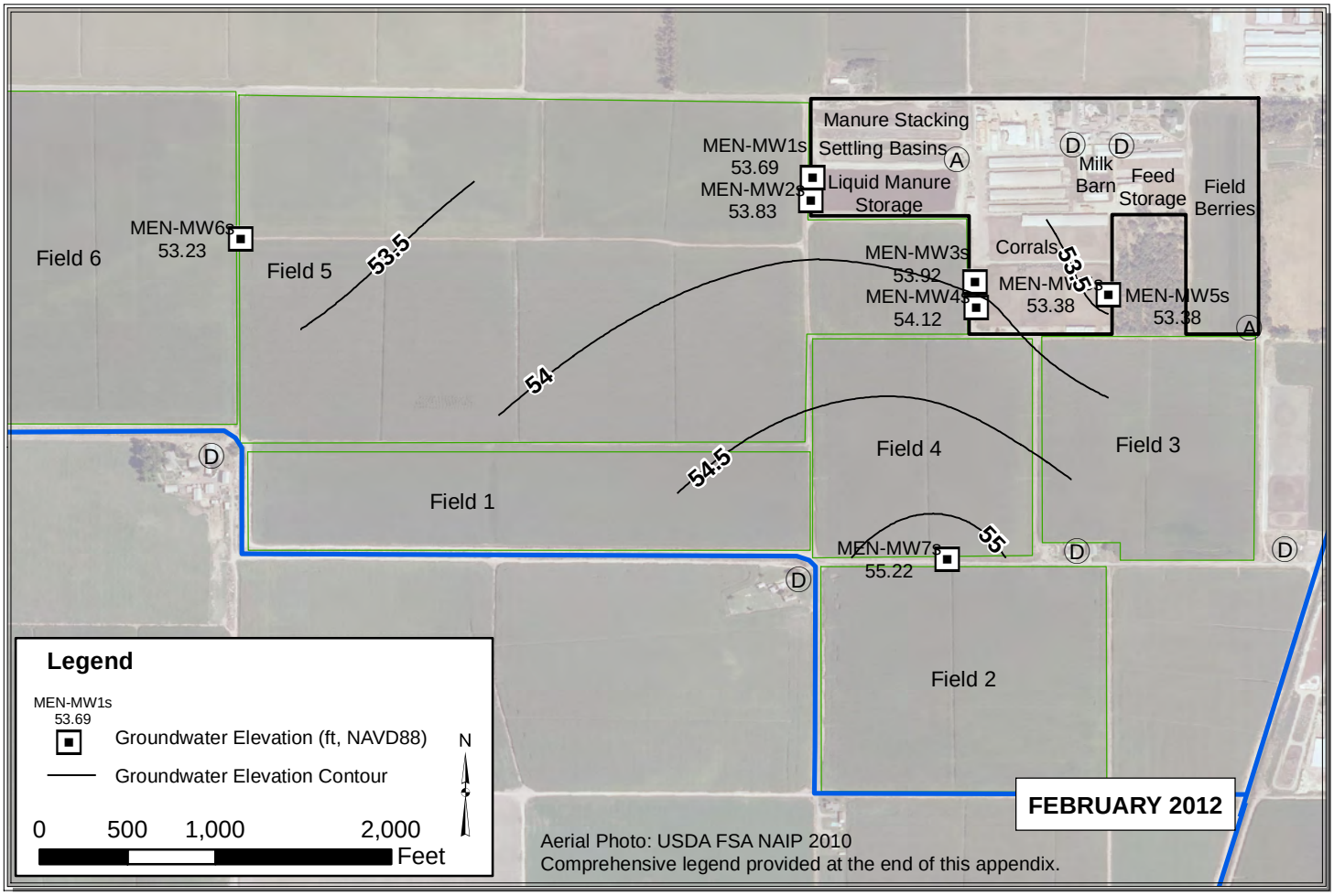
Depth scale shown to the nearest integer.

Attachment A3

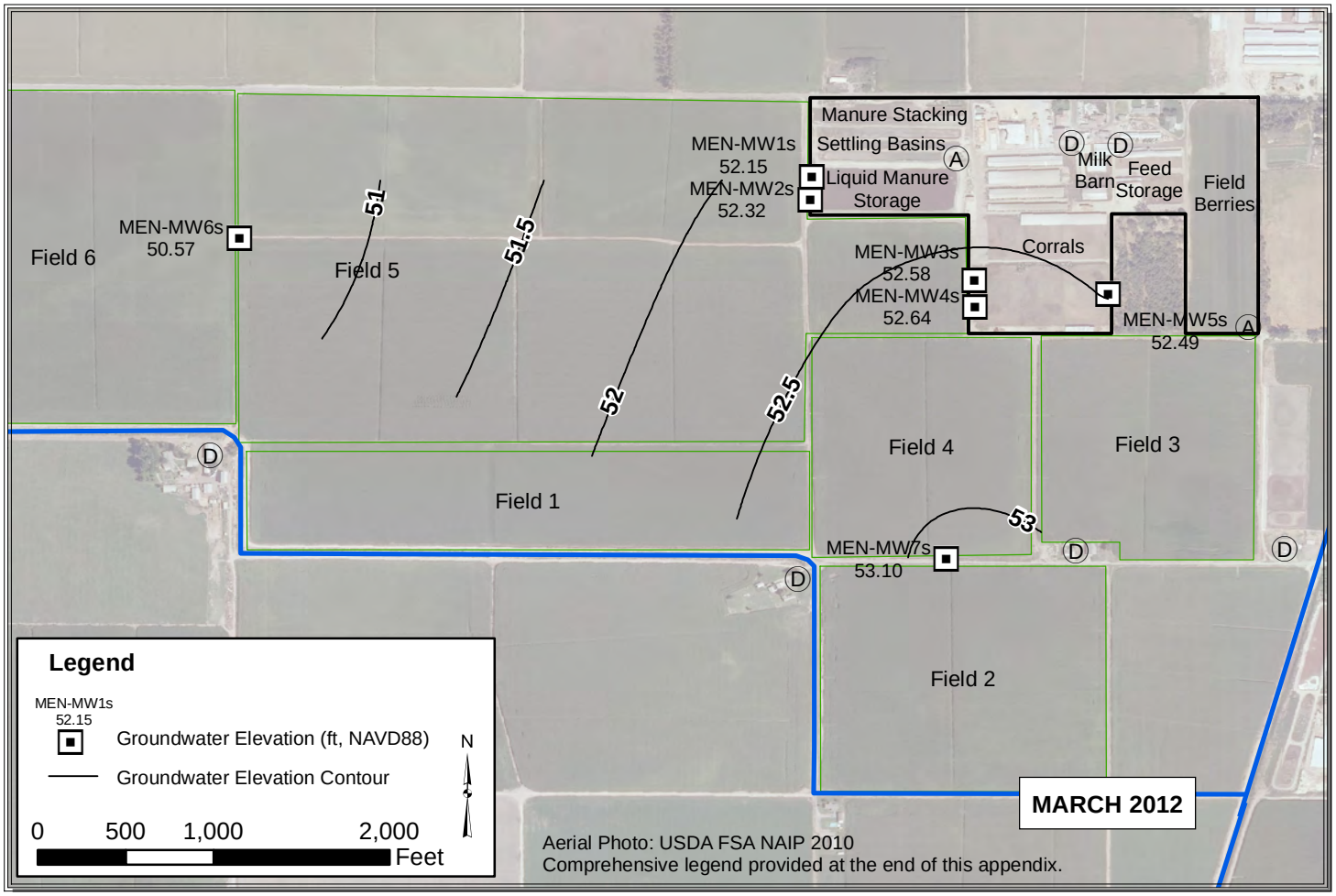
Map Series of Water Level Elevation Contour Maps

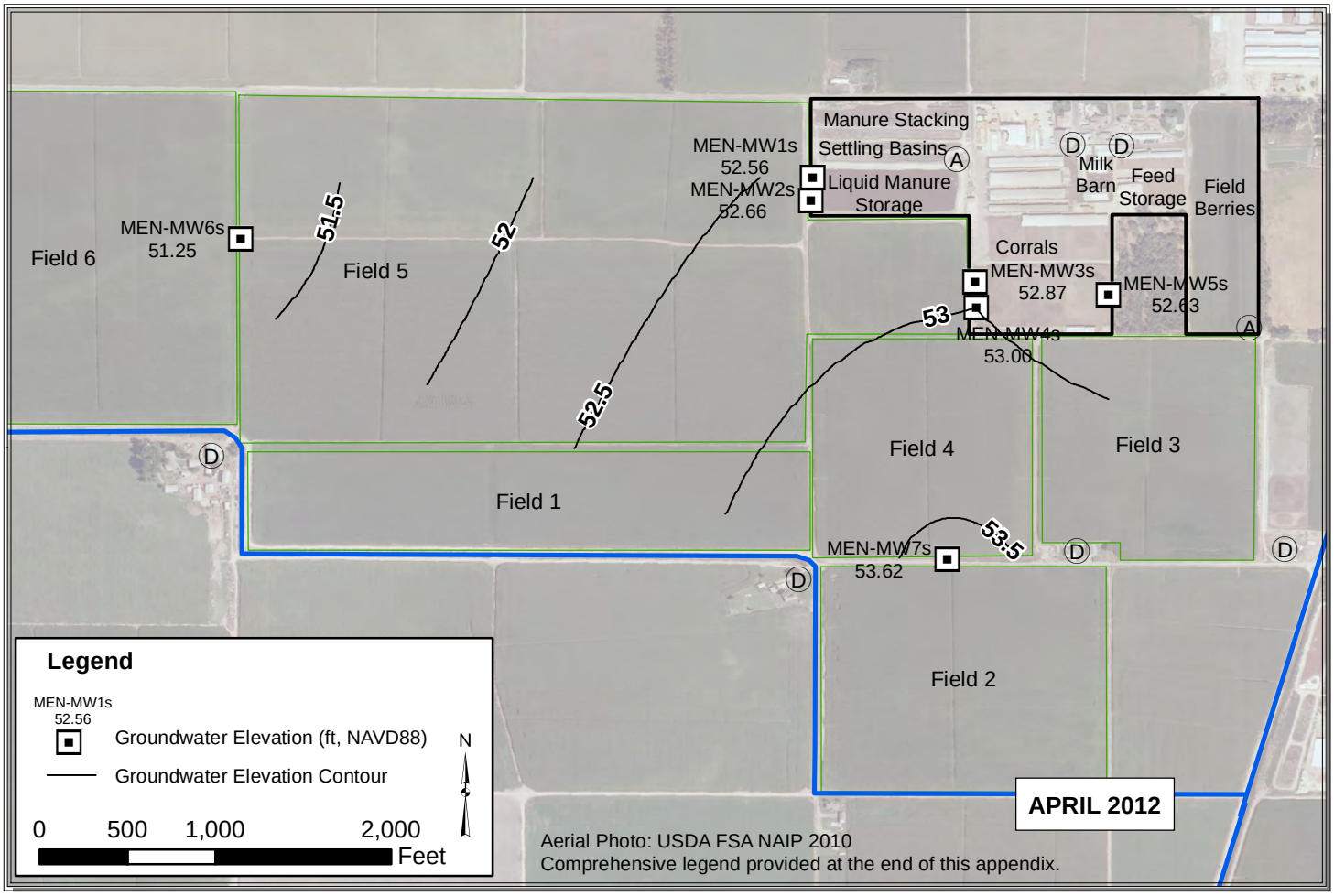
MEN



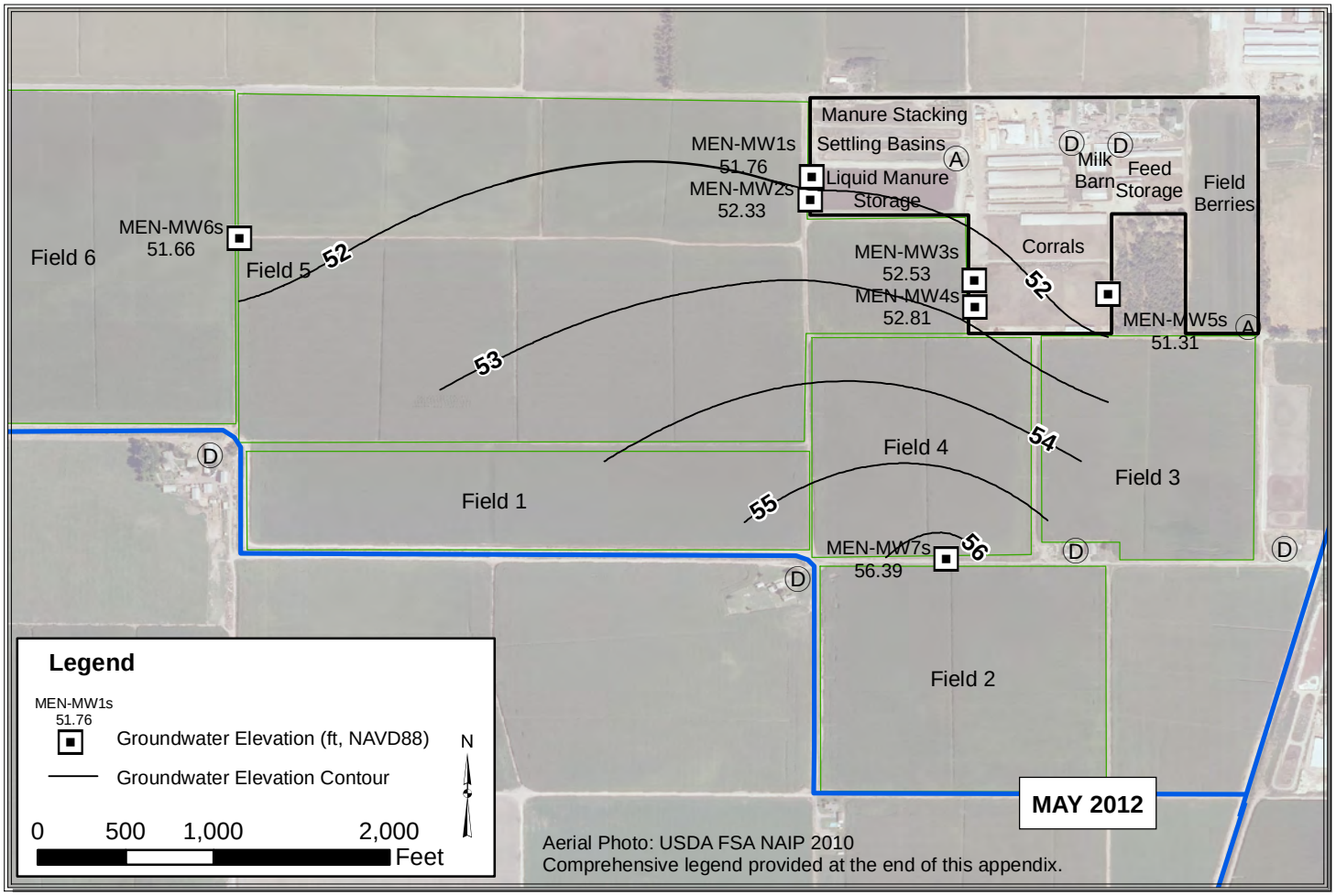


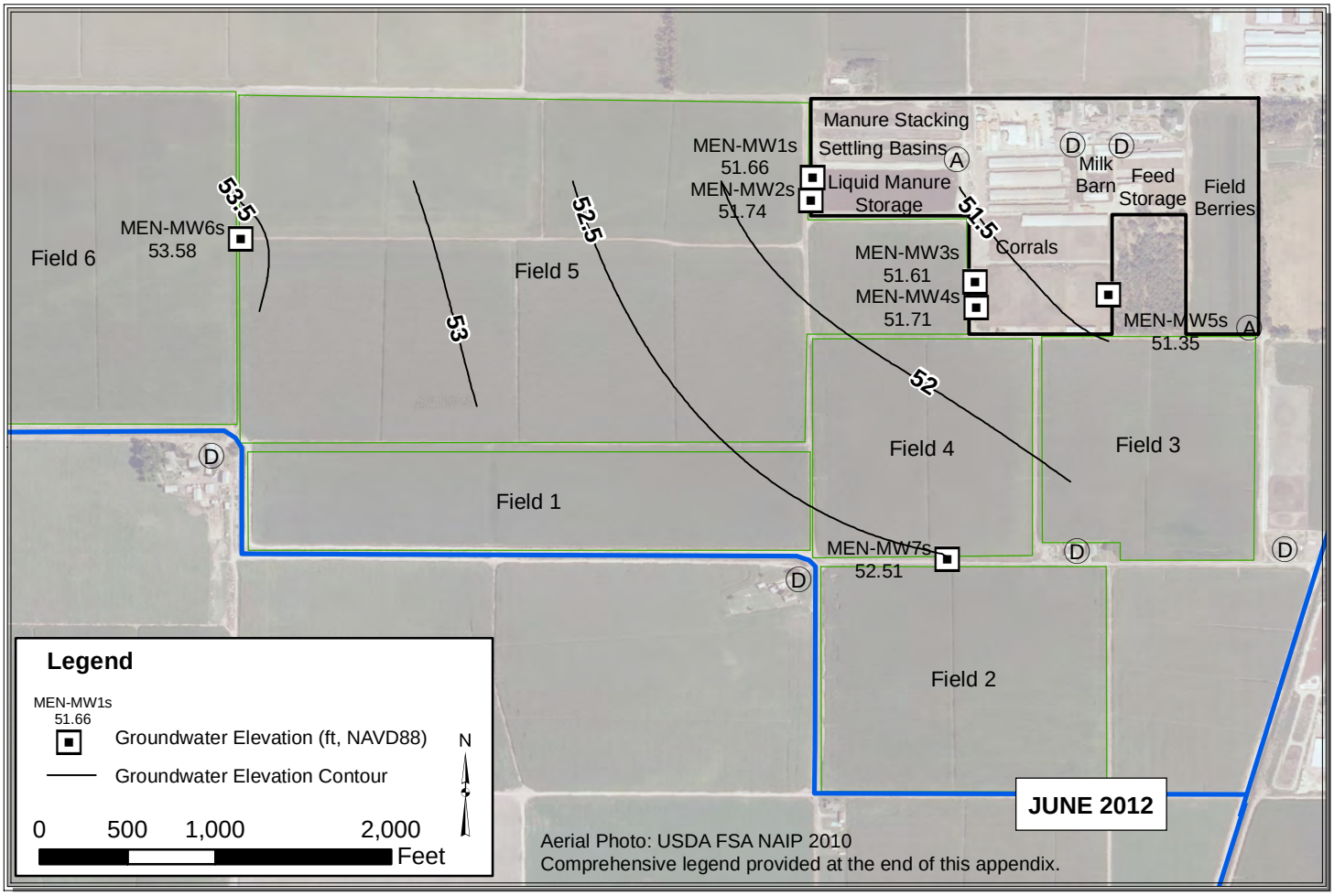
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MEN\MEN_Jan_Feb.mxd



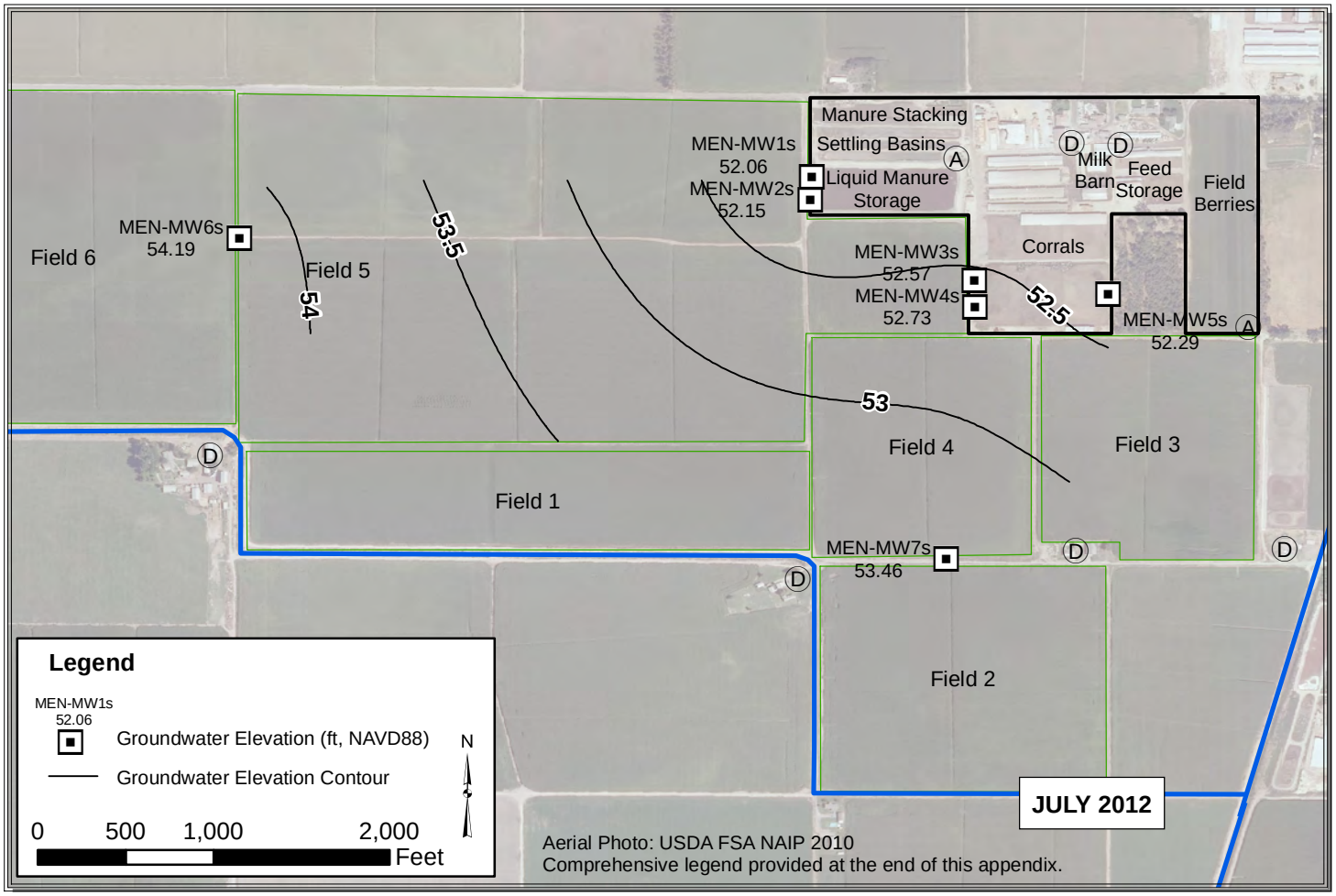


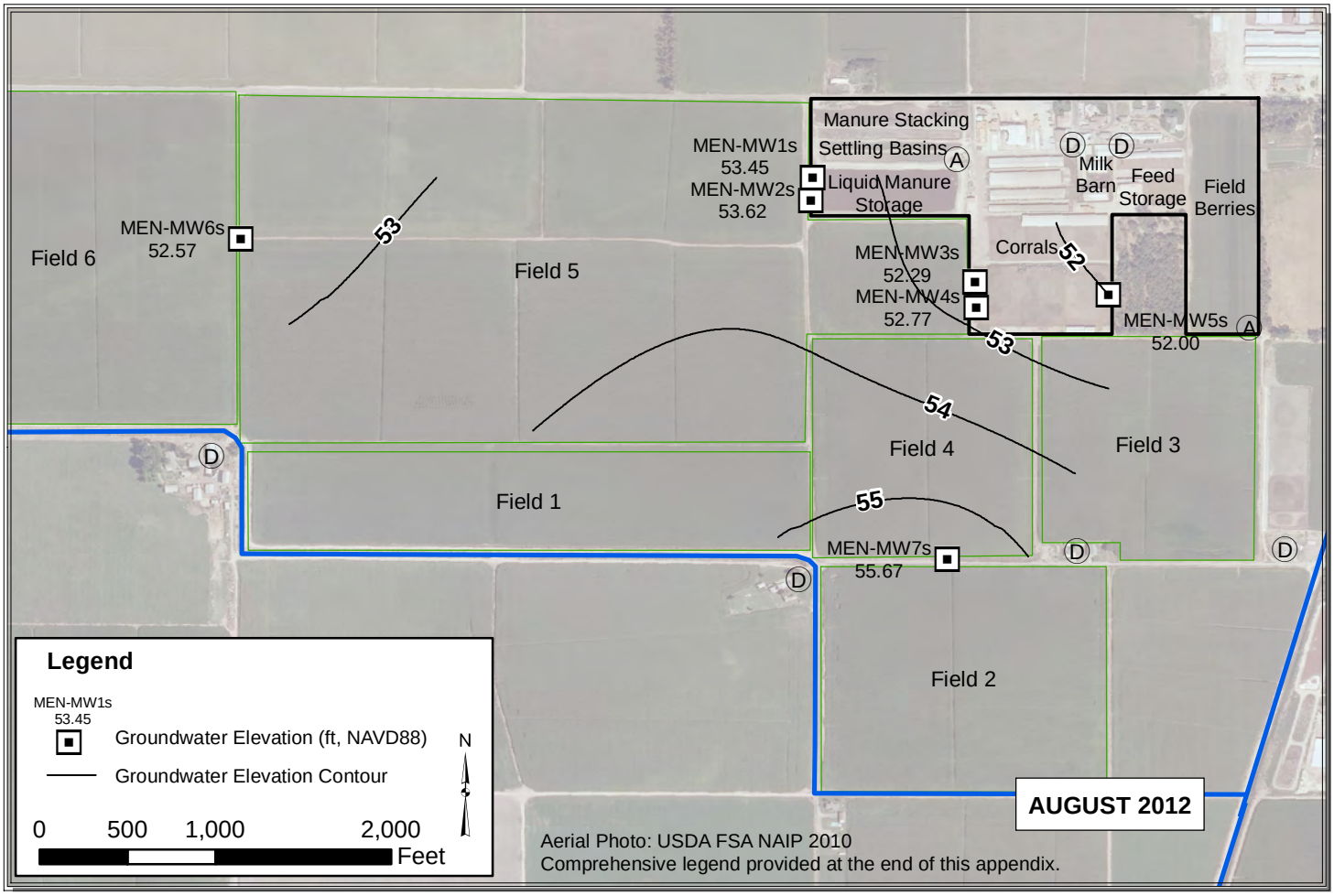
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MEN\MEN_Mar_Apr.mxd



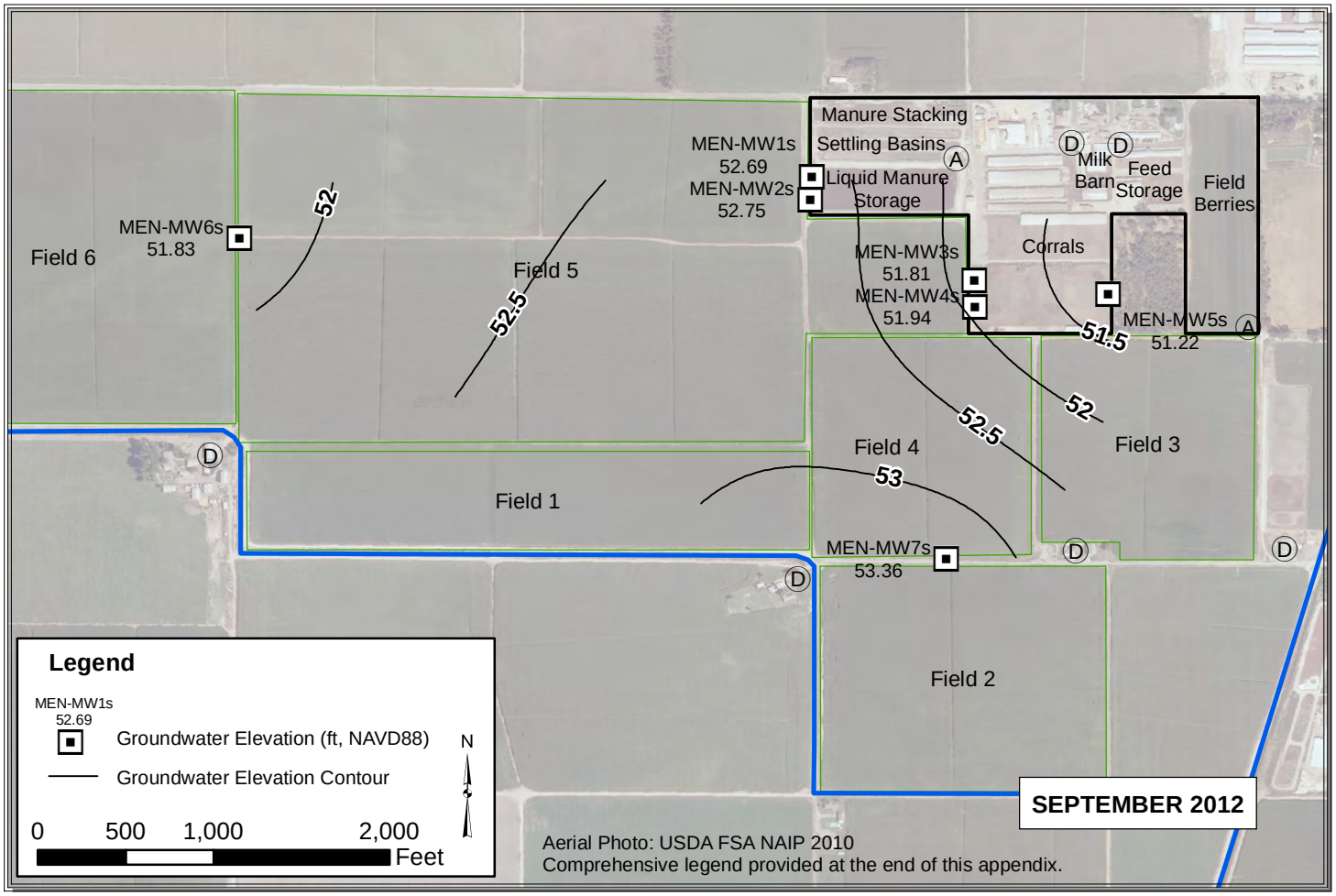


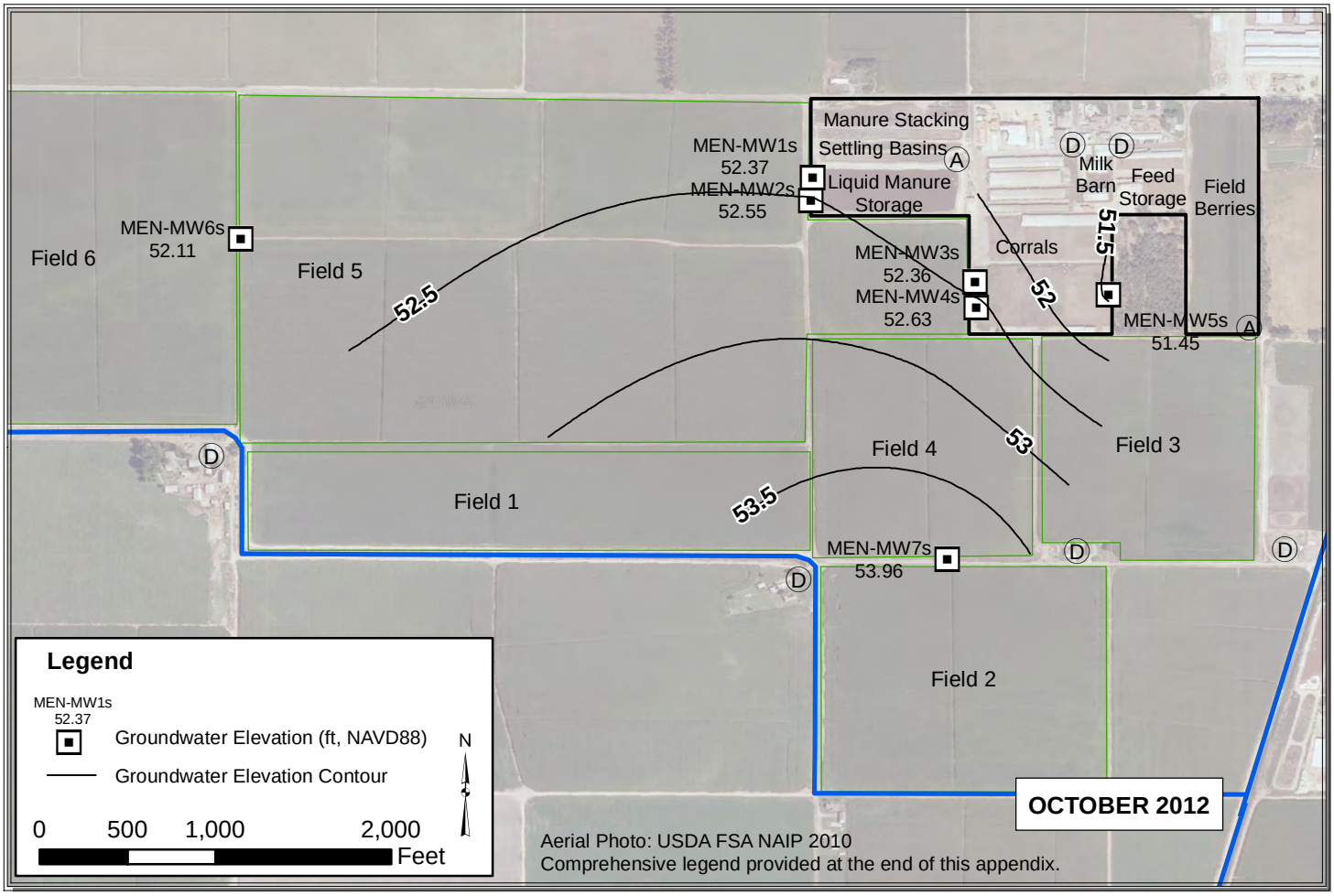
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MEN\MEN_May_June.mxd



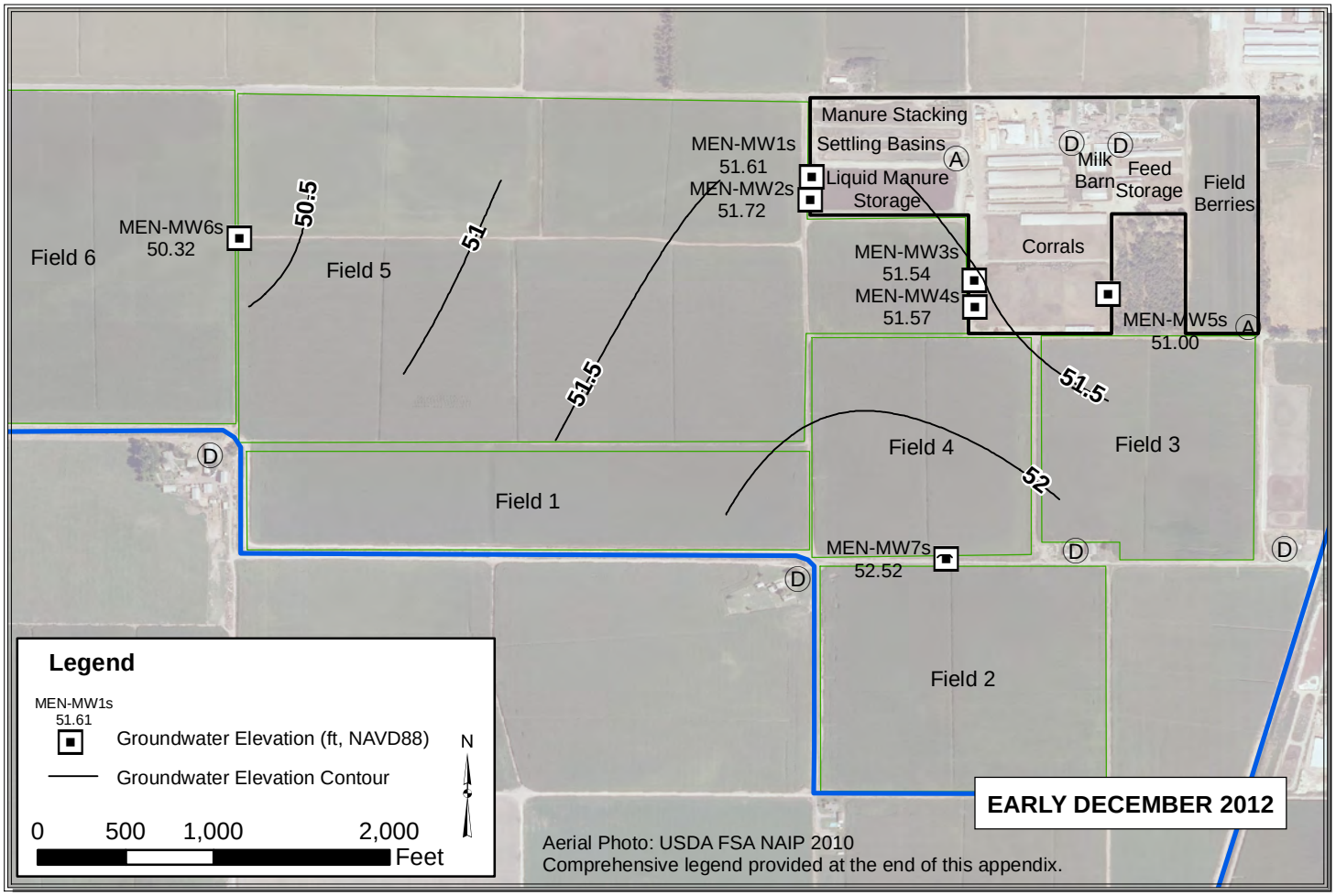


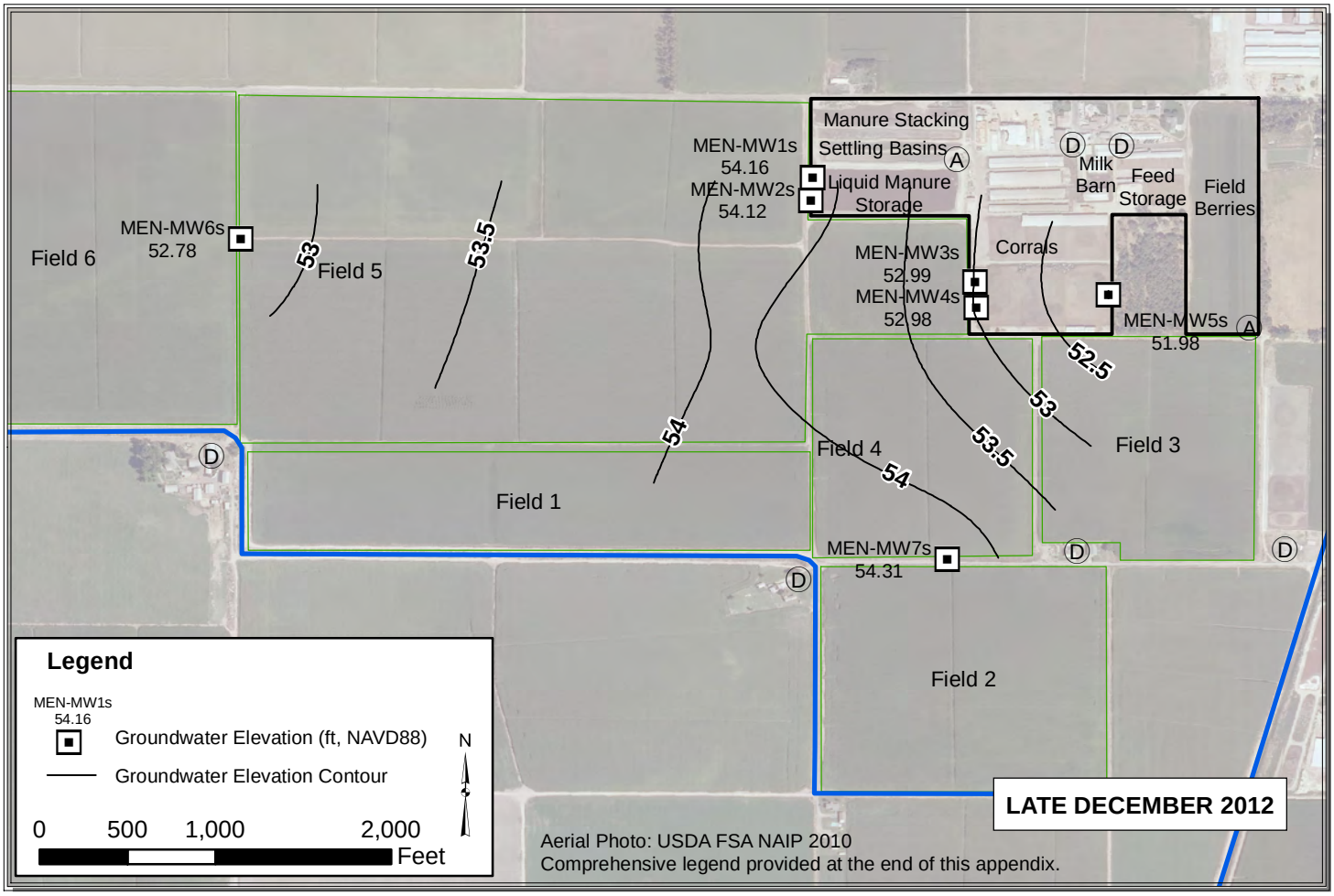
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MEN\MEN_July_Aug.mxd





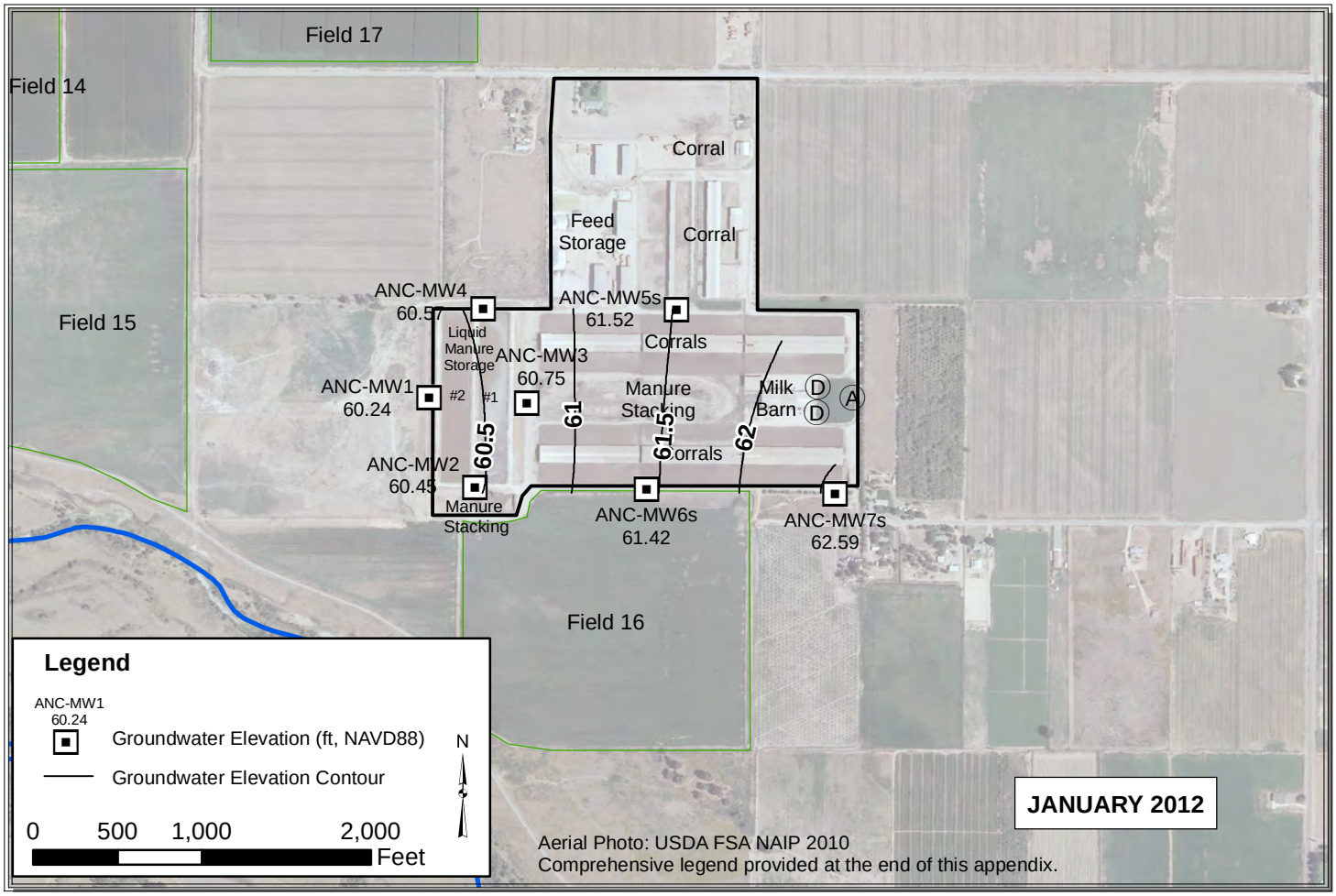
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MEN\MEN_Sep_Oct.mxd

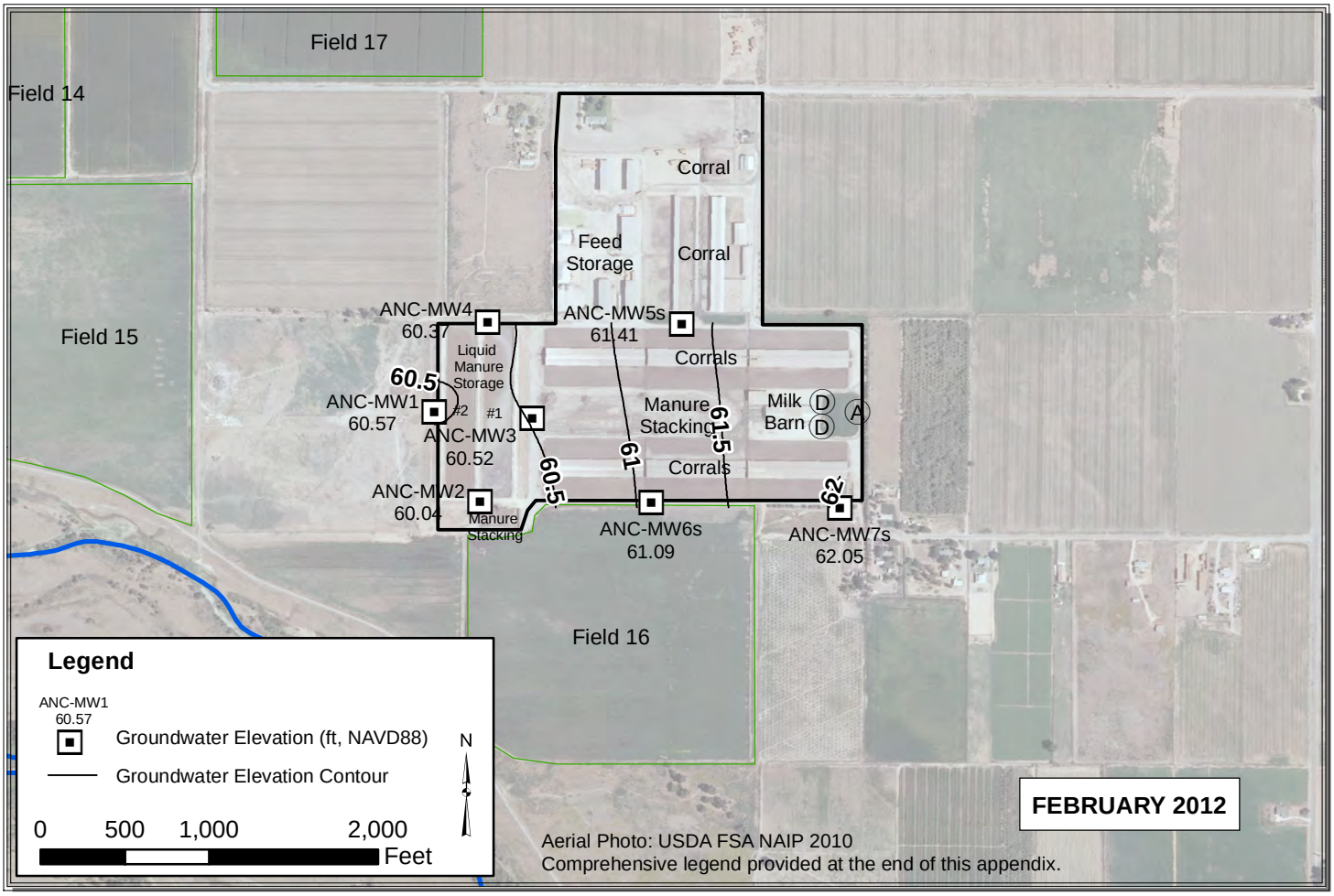




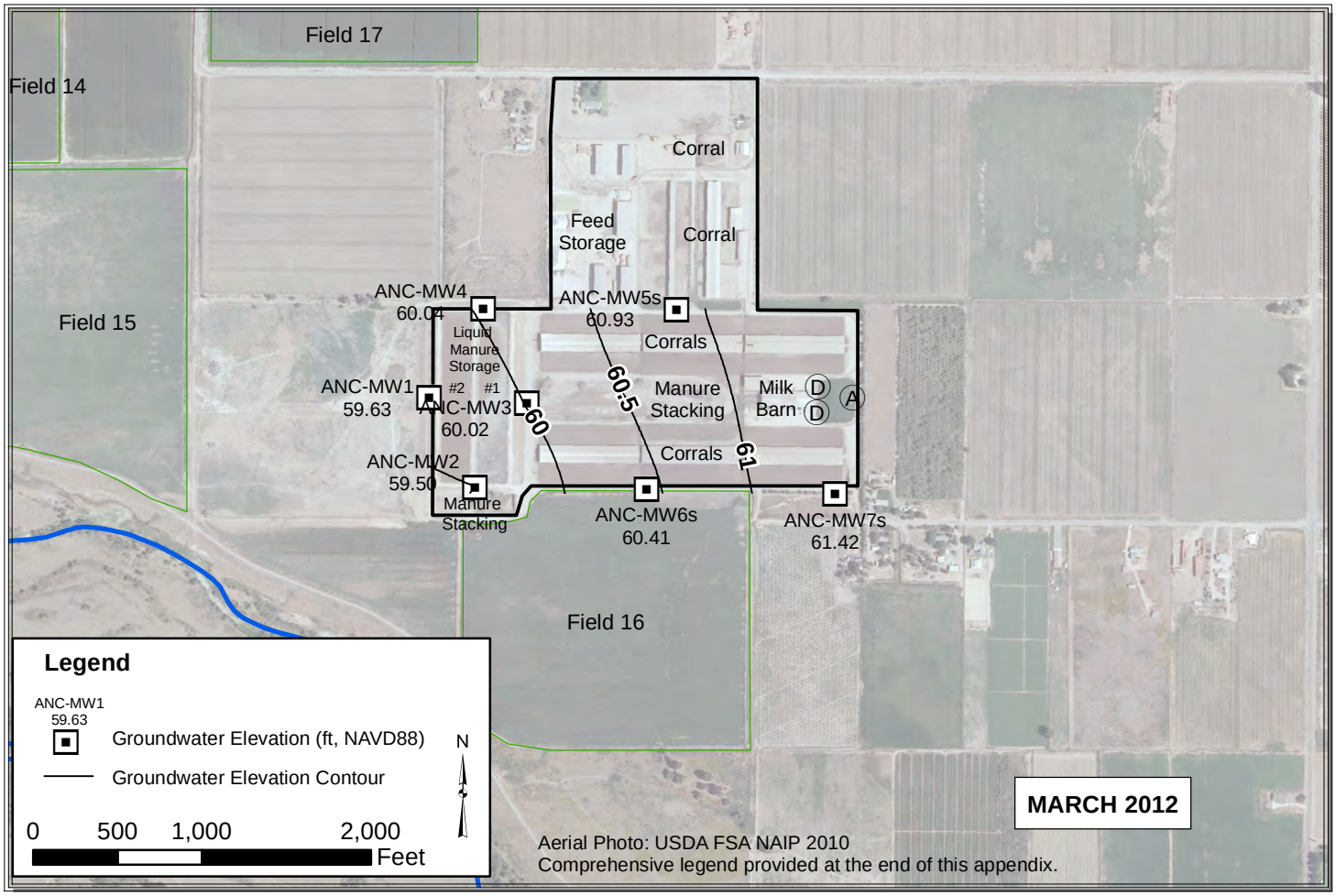
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MEN\MEN_Dec.mxd

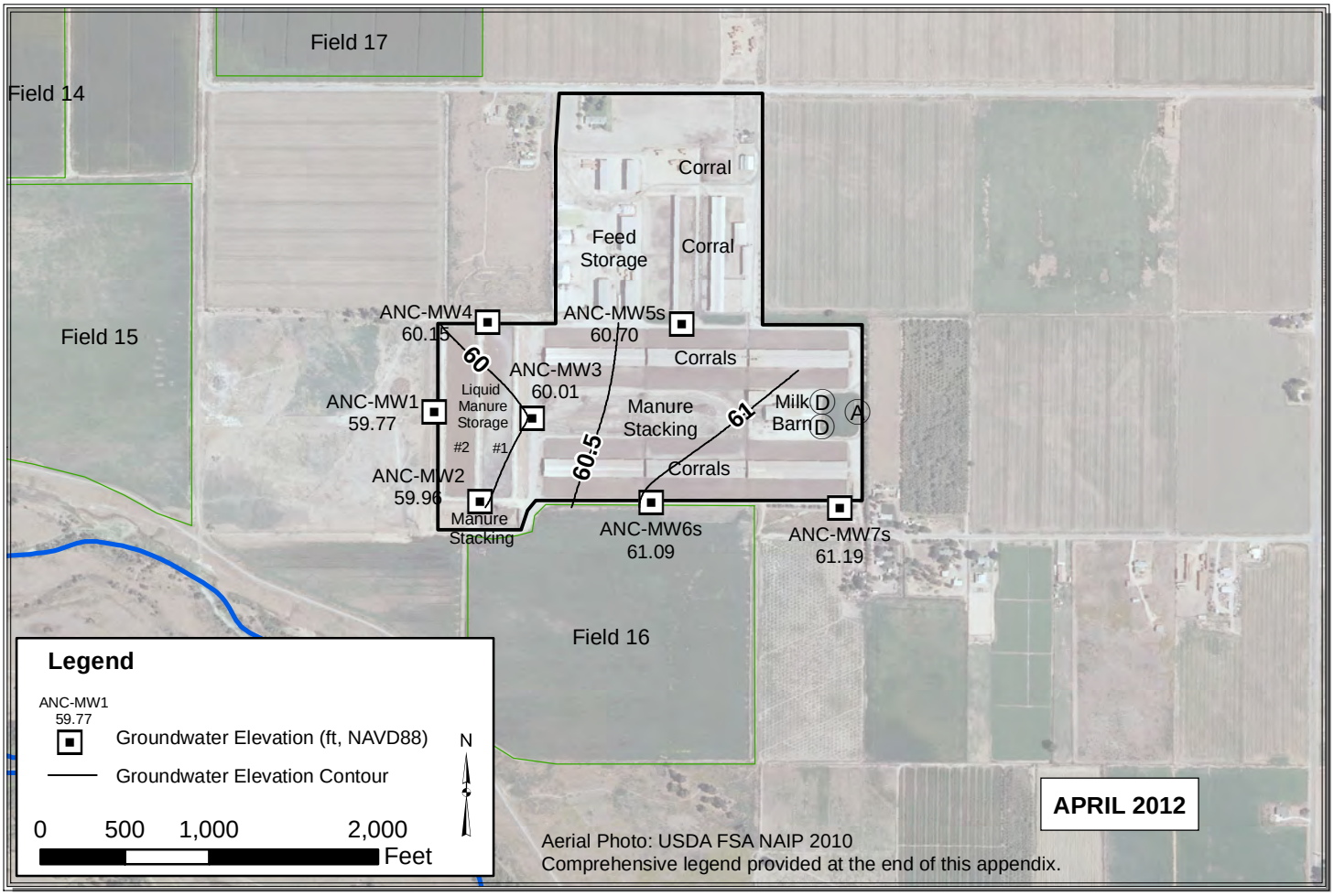
ANC



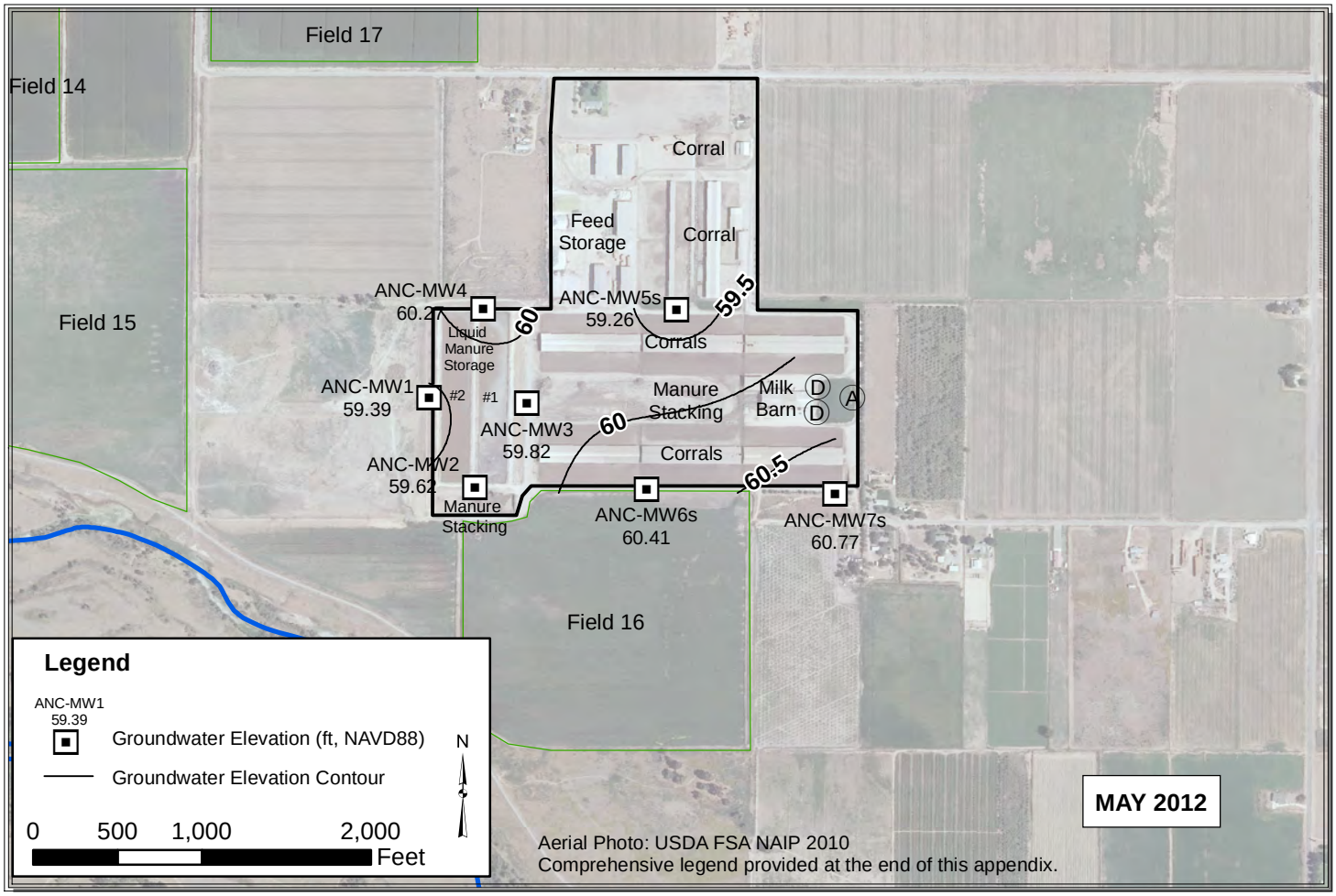


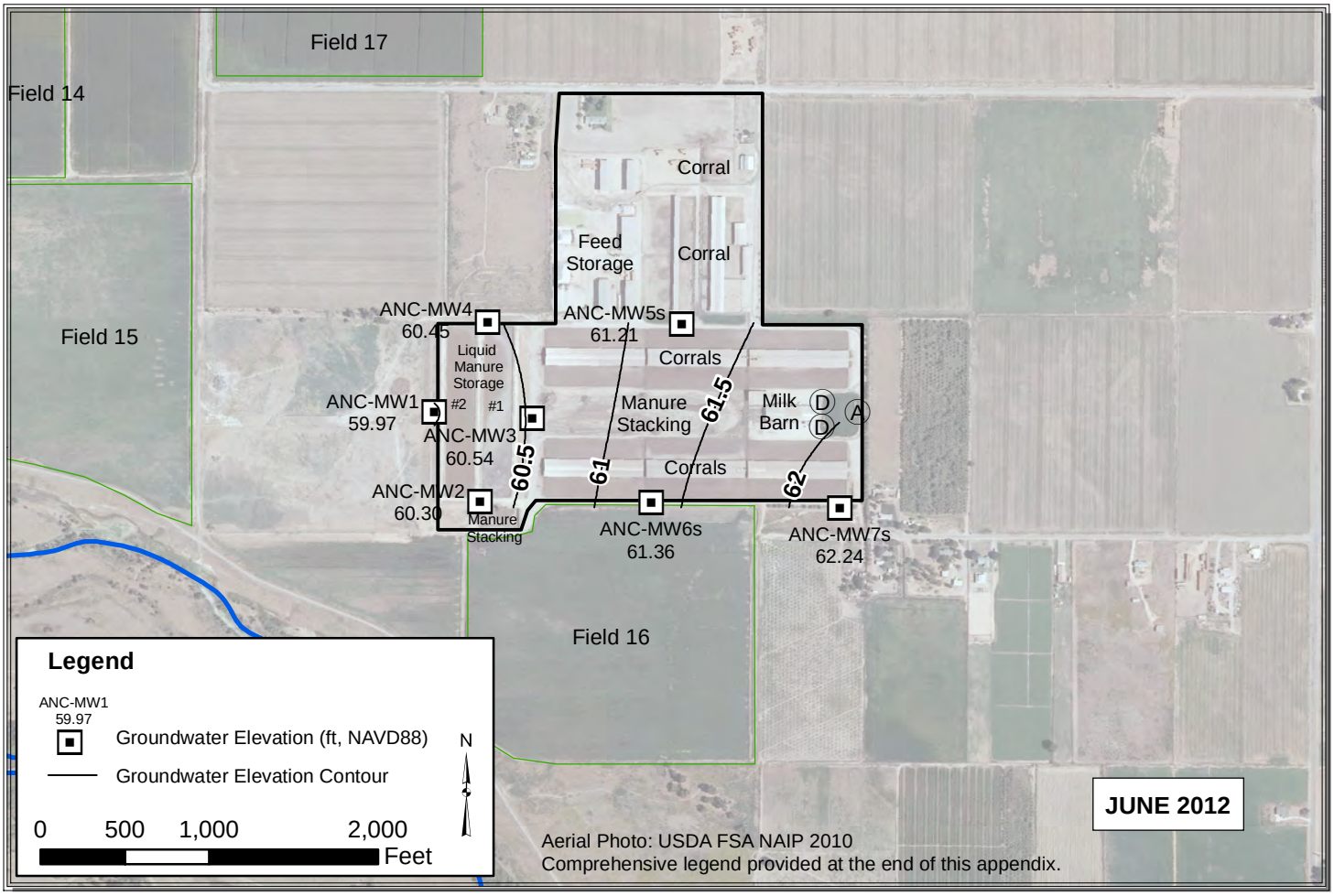
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANC\ANC_Jan_Feb.mxd



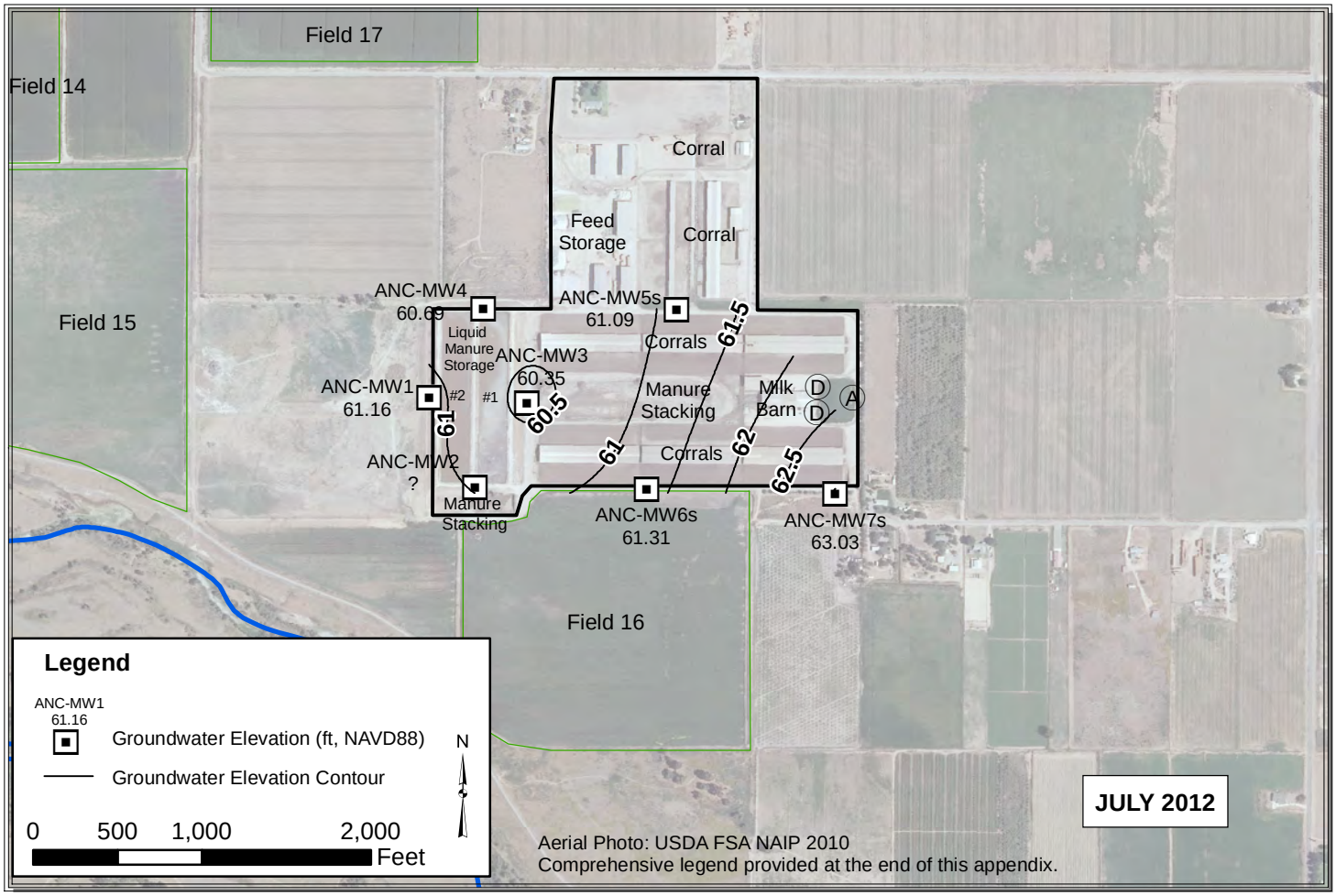


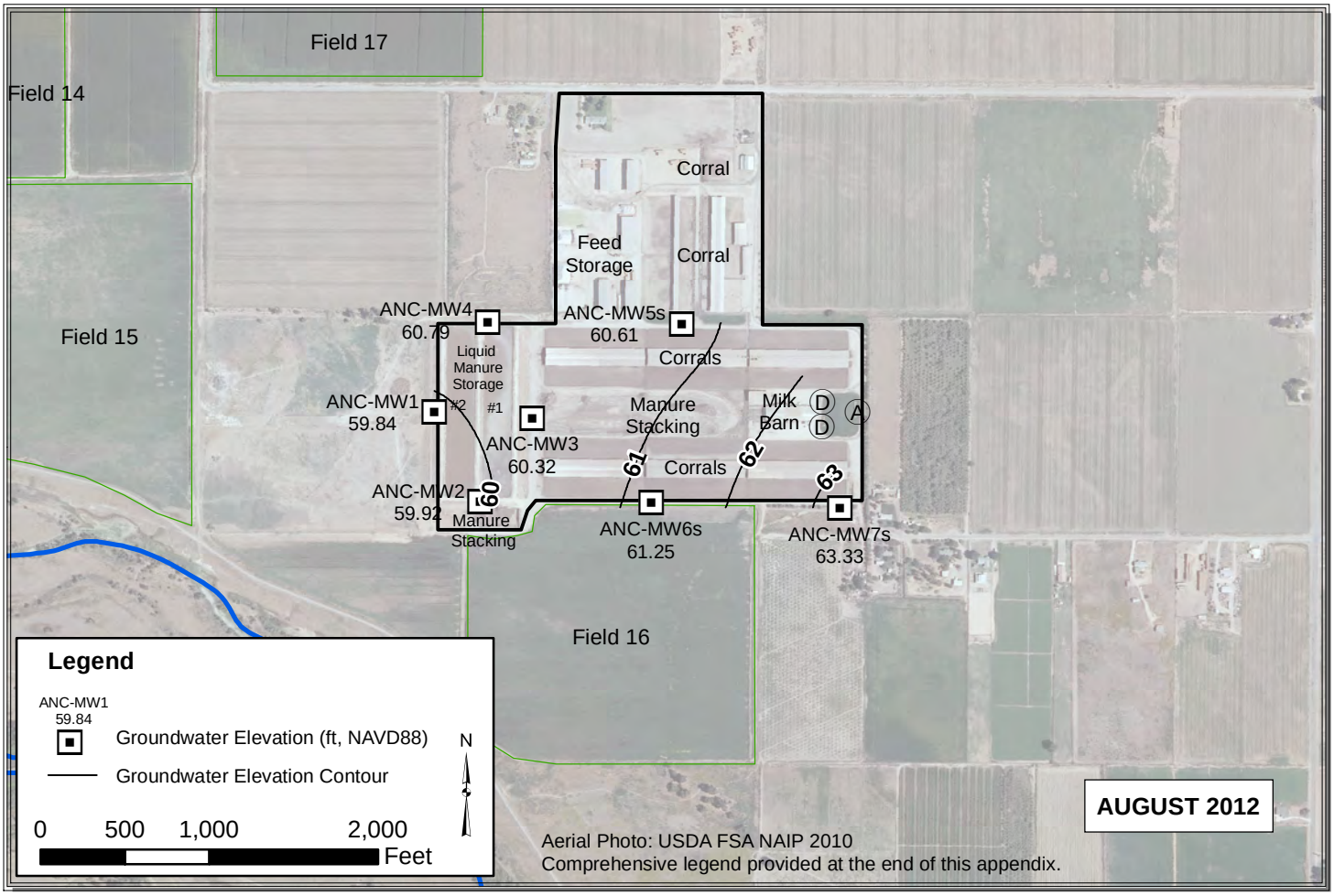
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANC\ANC_Mar_Apr.mxd



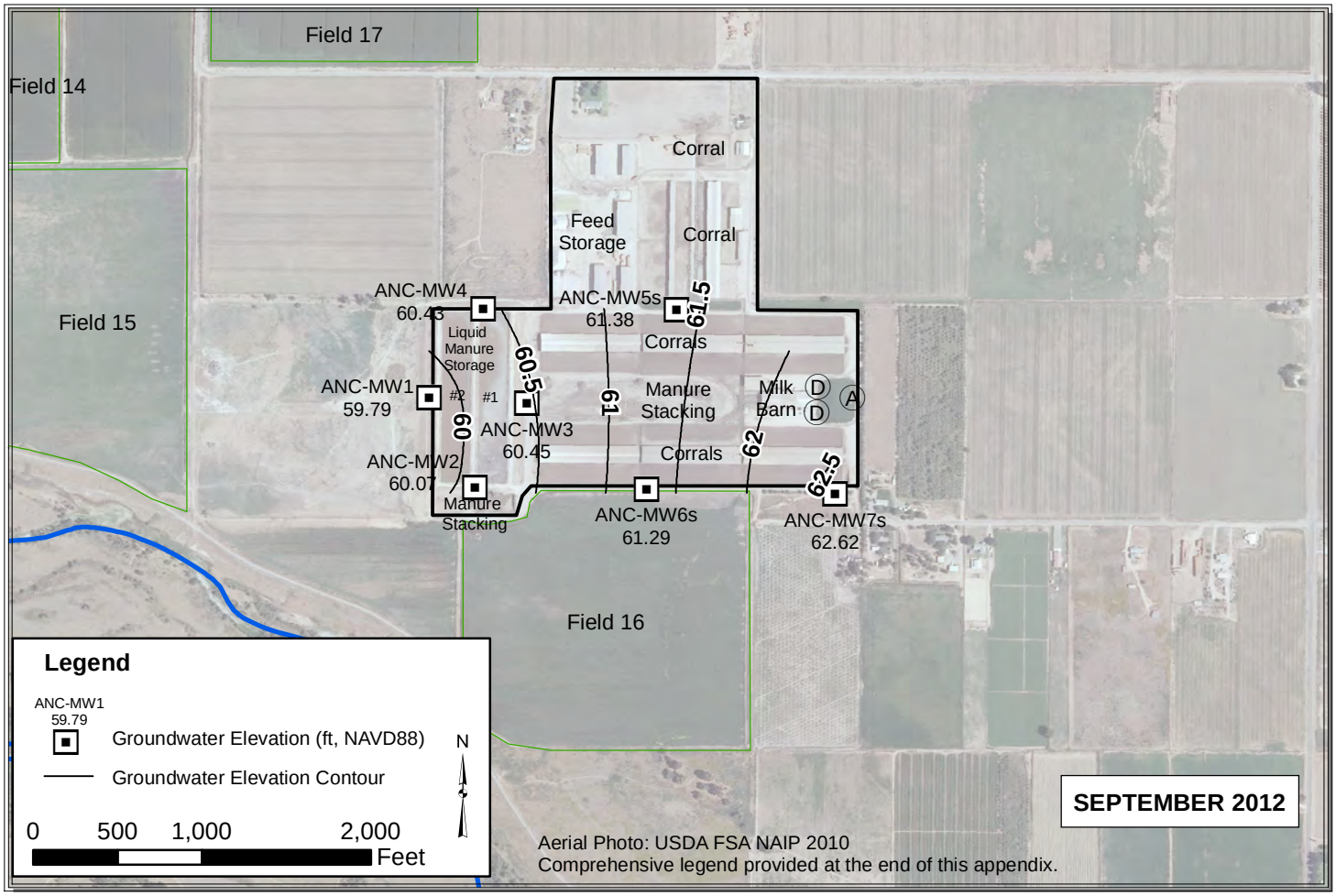


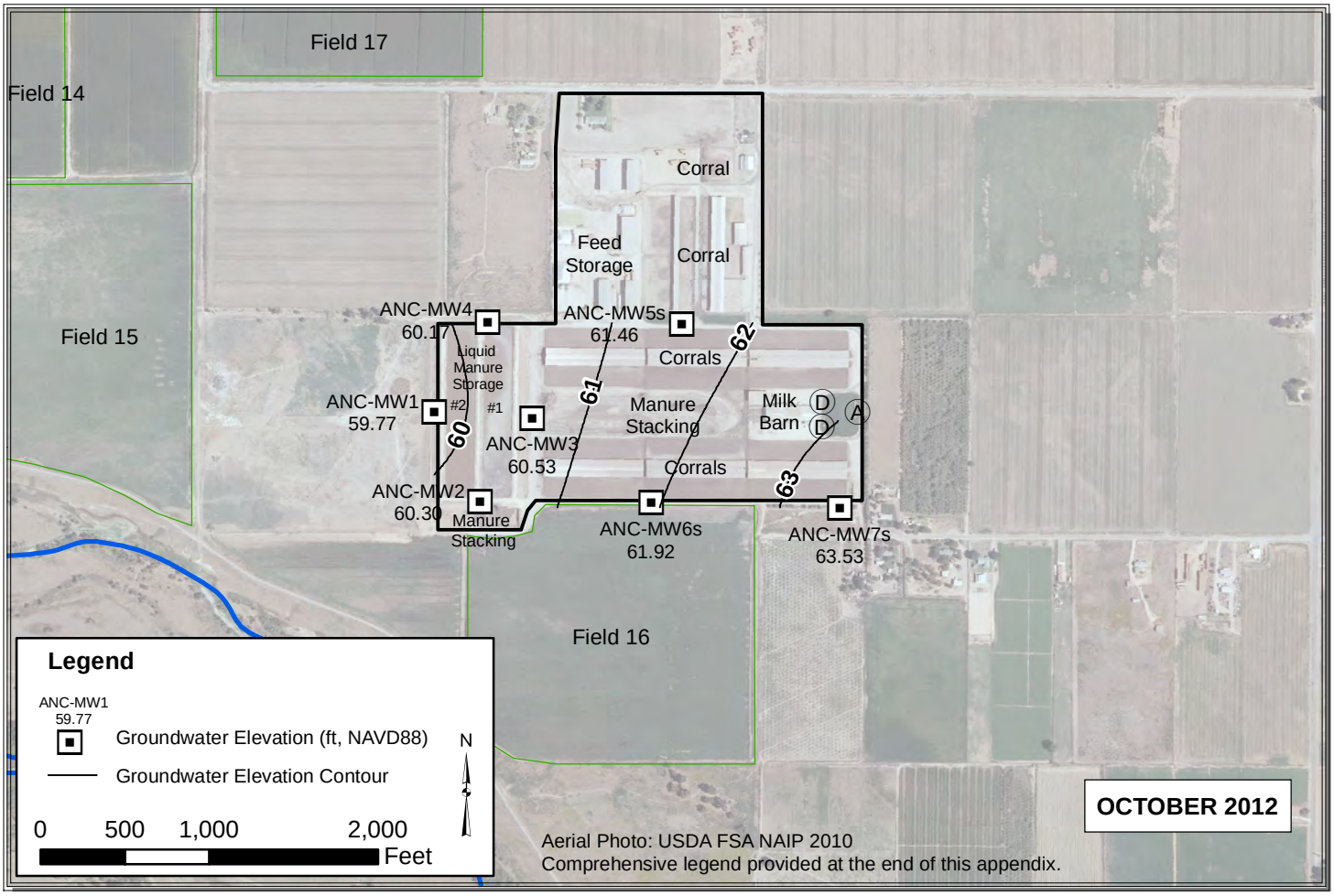
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANC\ANC_May_Jun.mxd



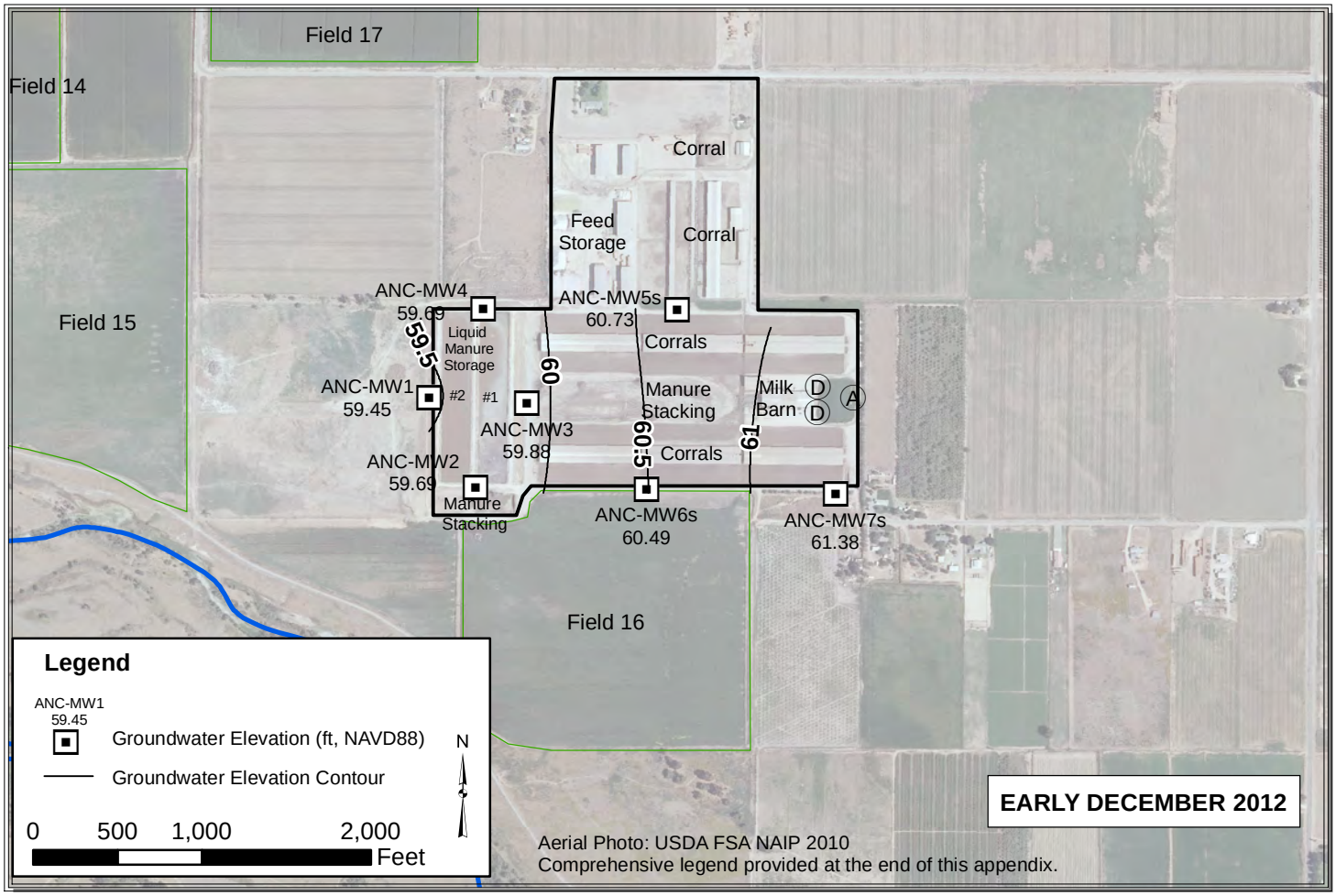


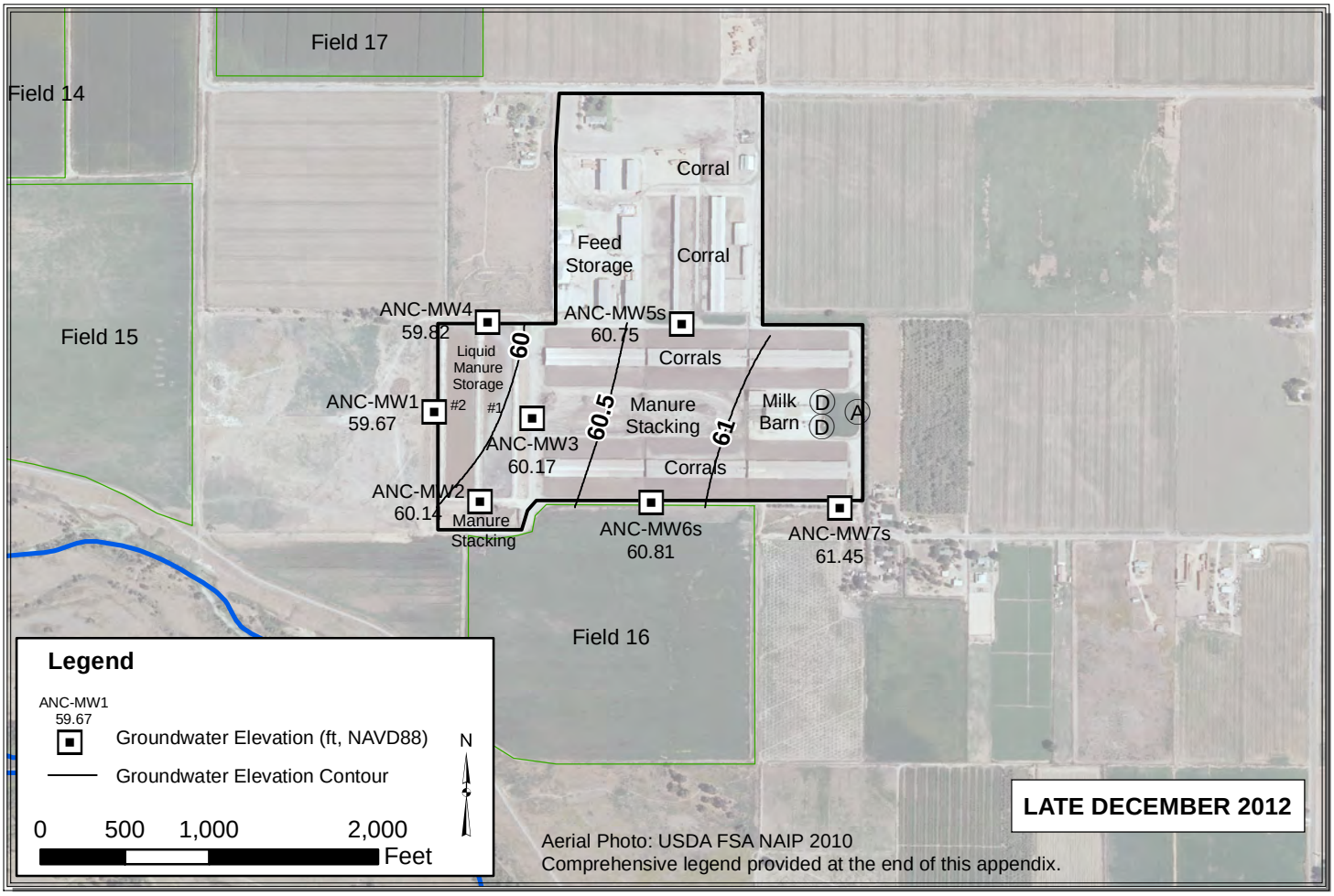
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANC\ANC_Jul_Aug.mxd





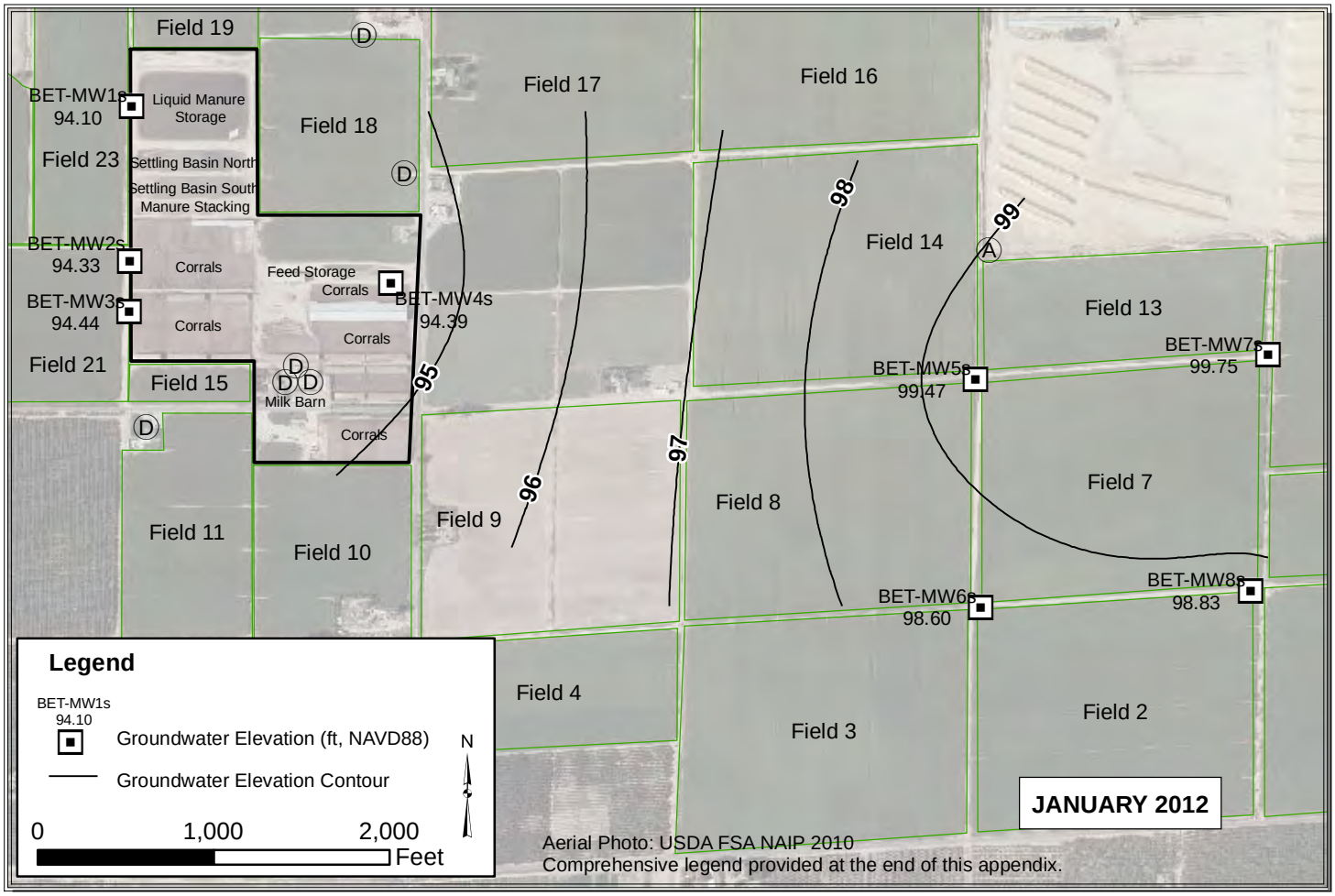
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANC\ANC_Sep_Oct.mxd

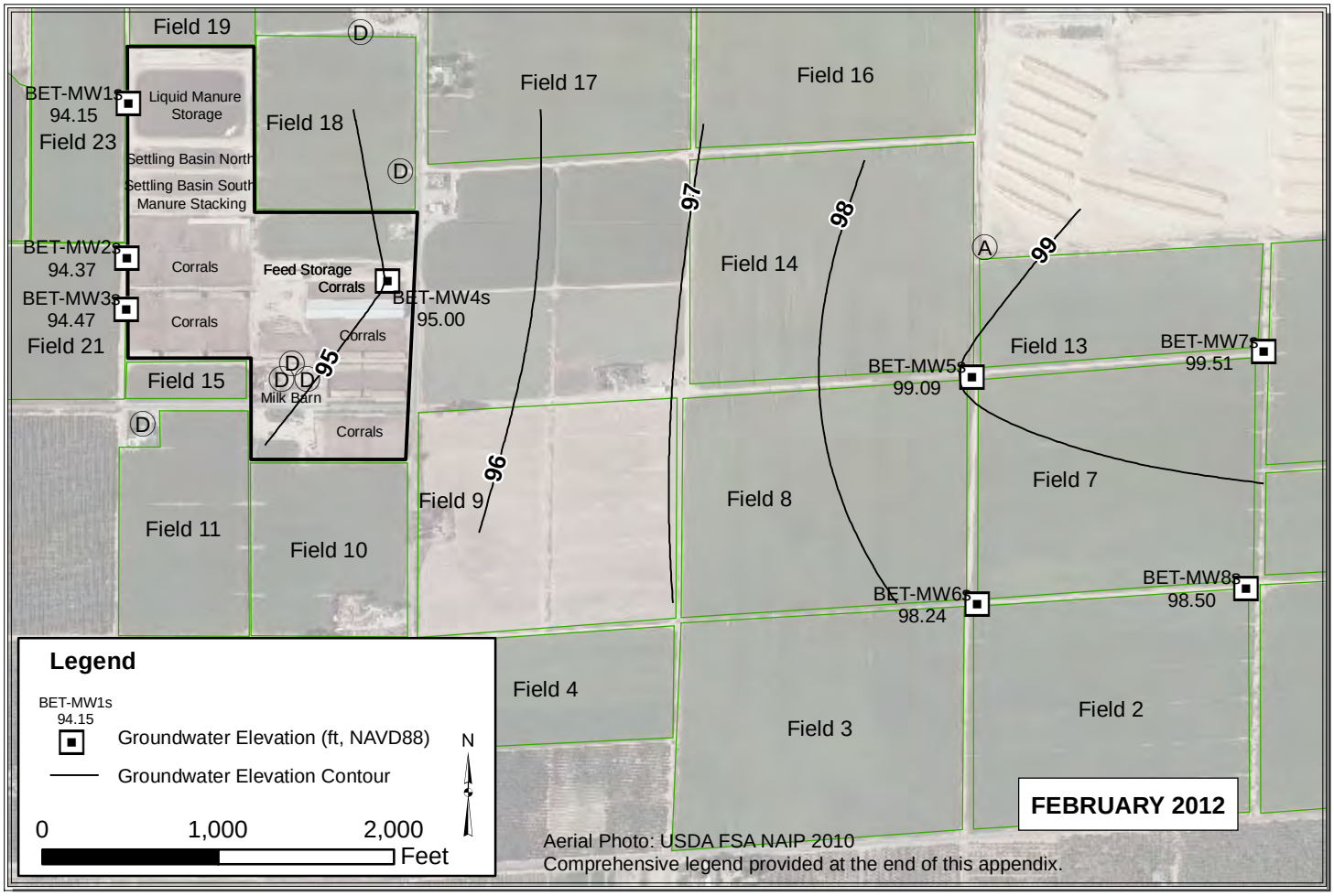




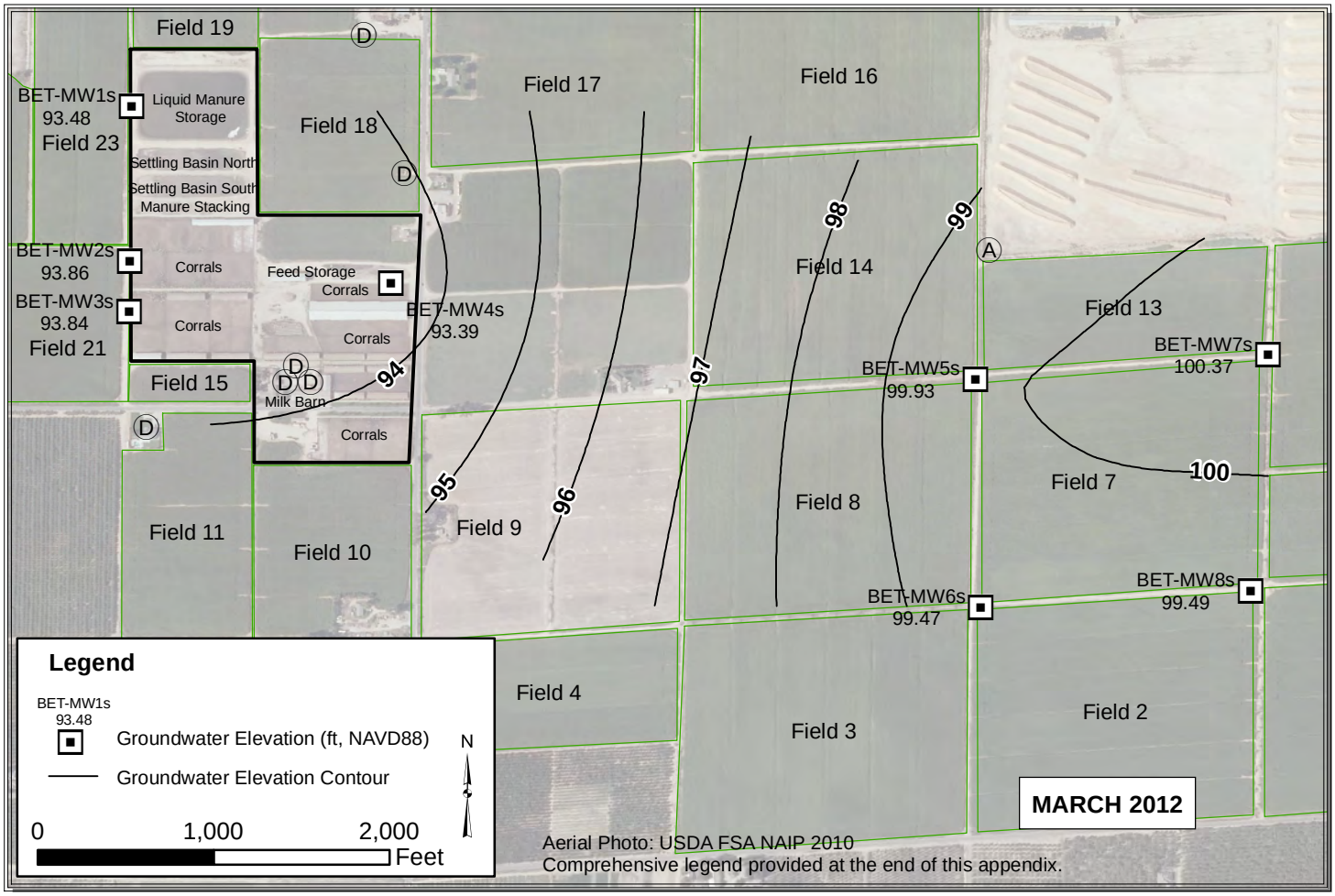
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANC\ANC_Dec.mxd

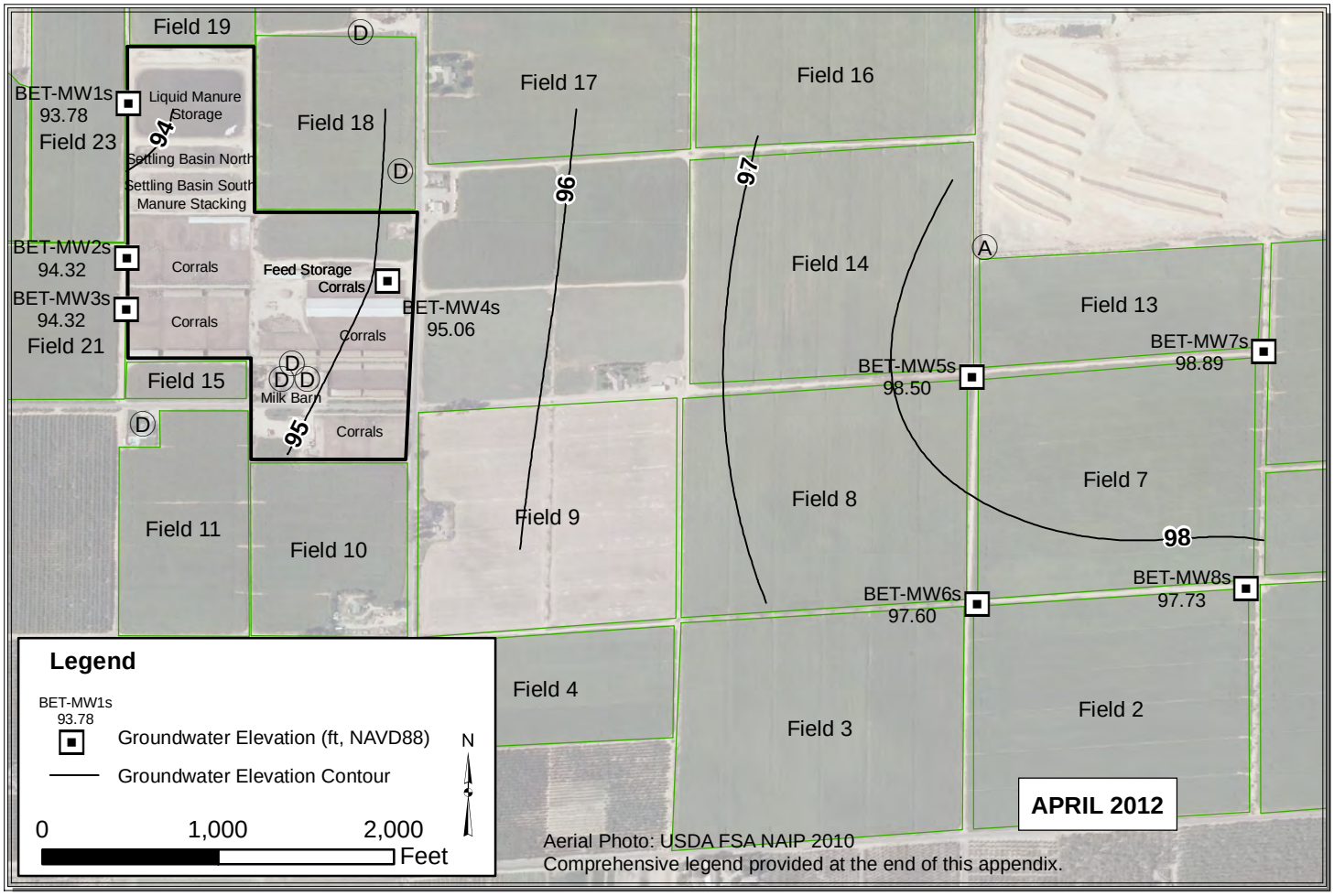
BET



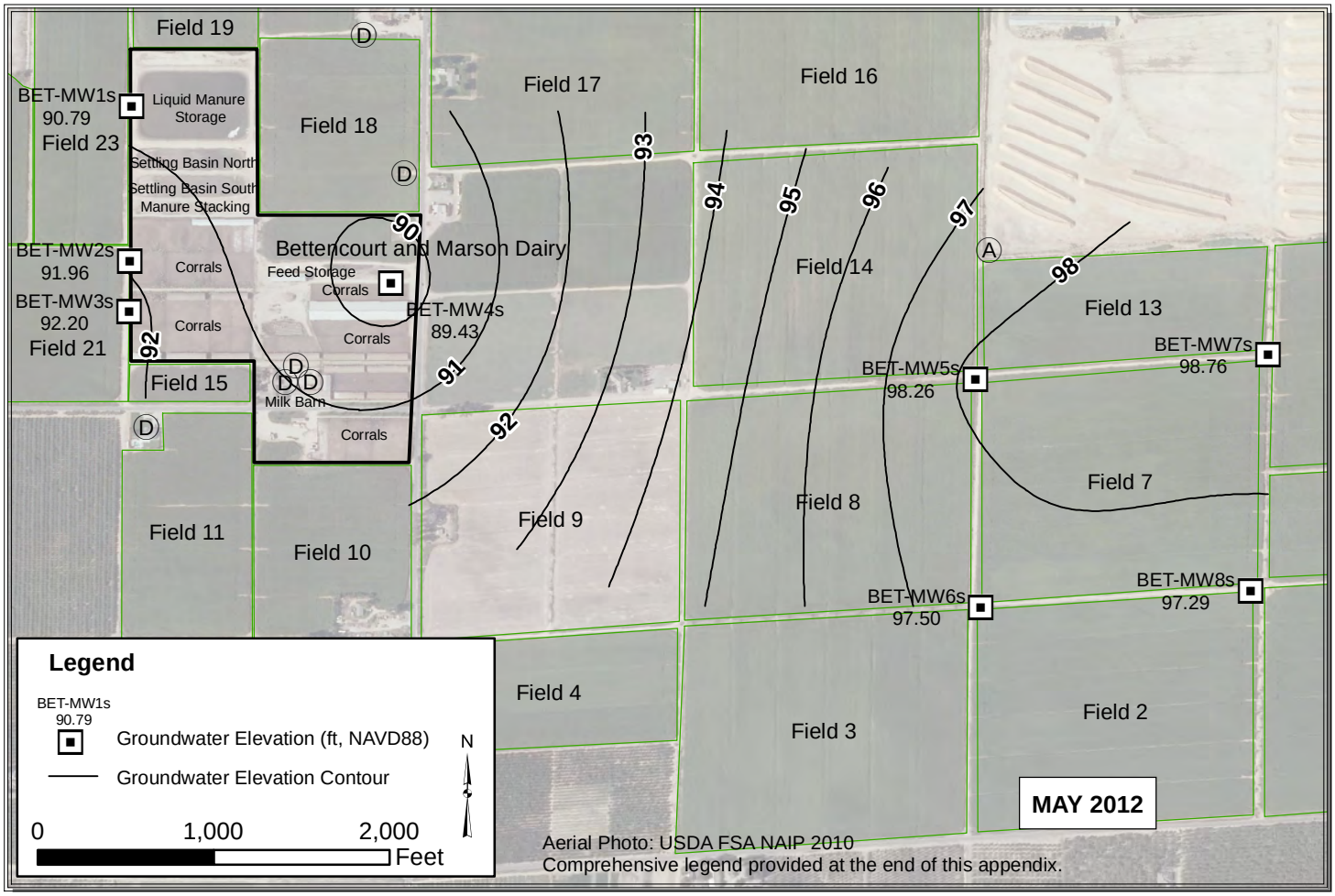


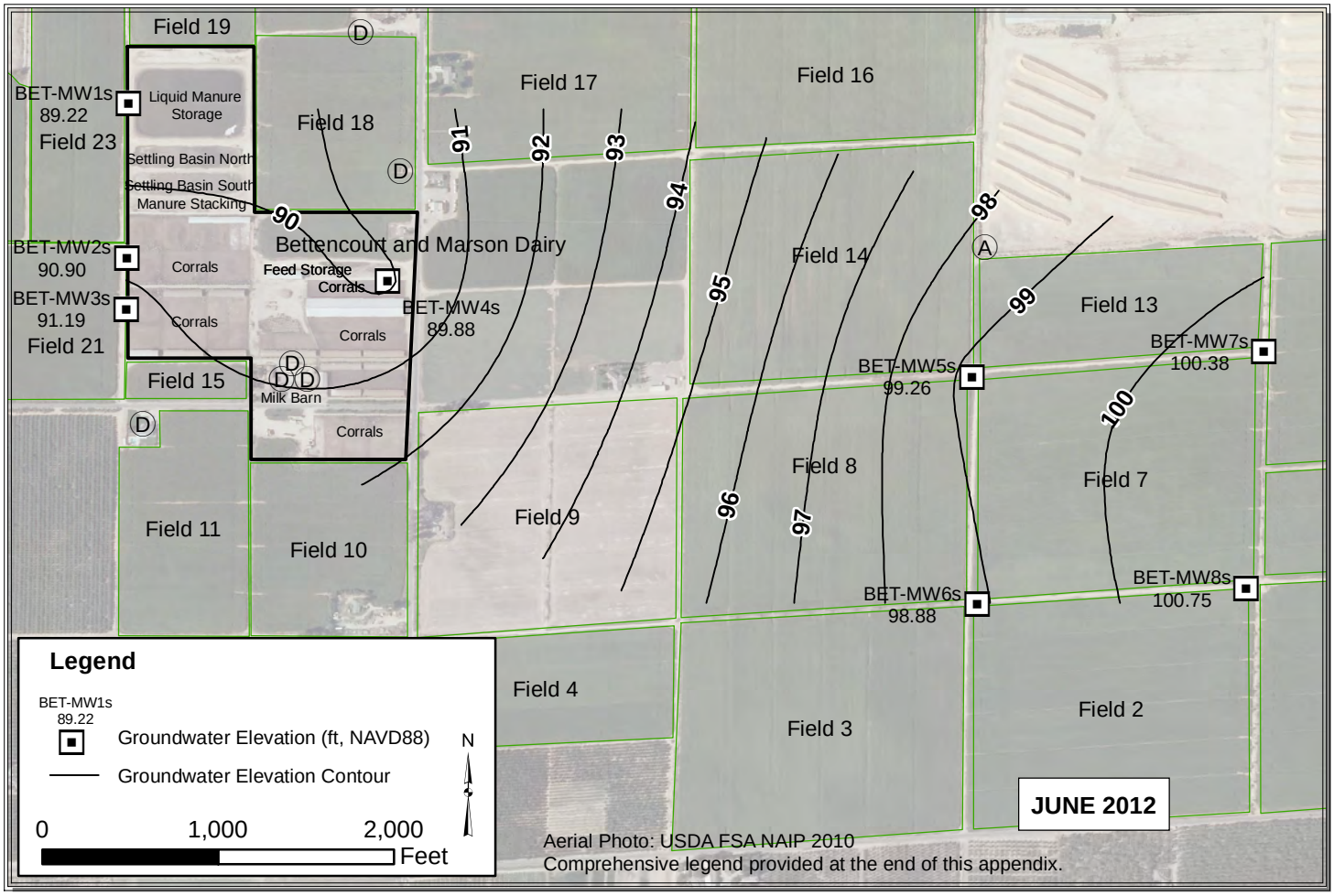
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BET\BET_Jan_Feb.mxd



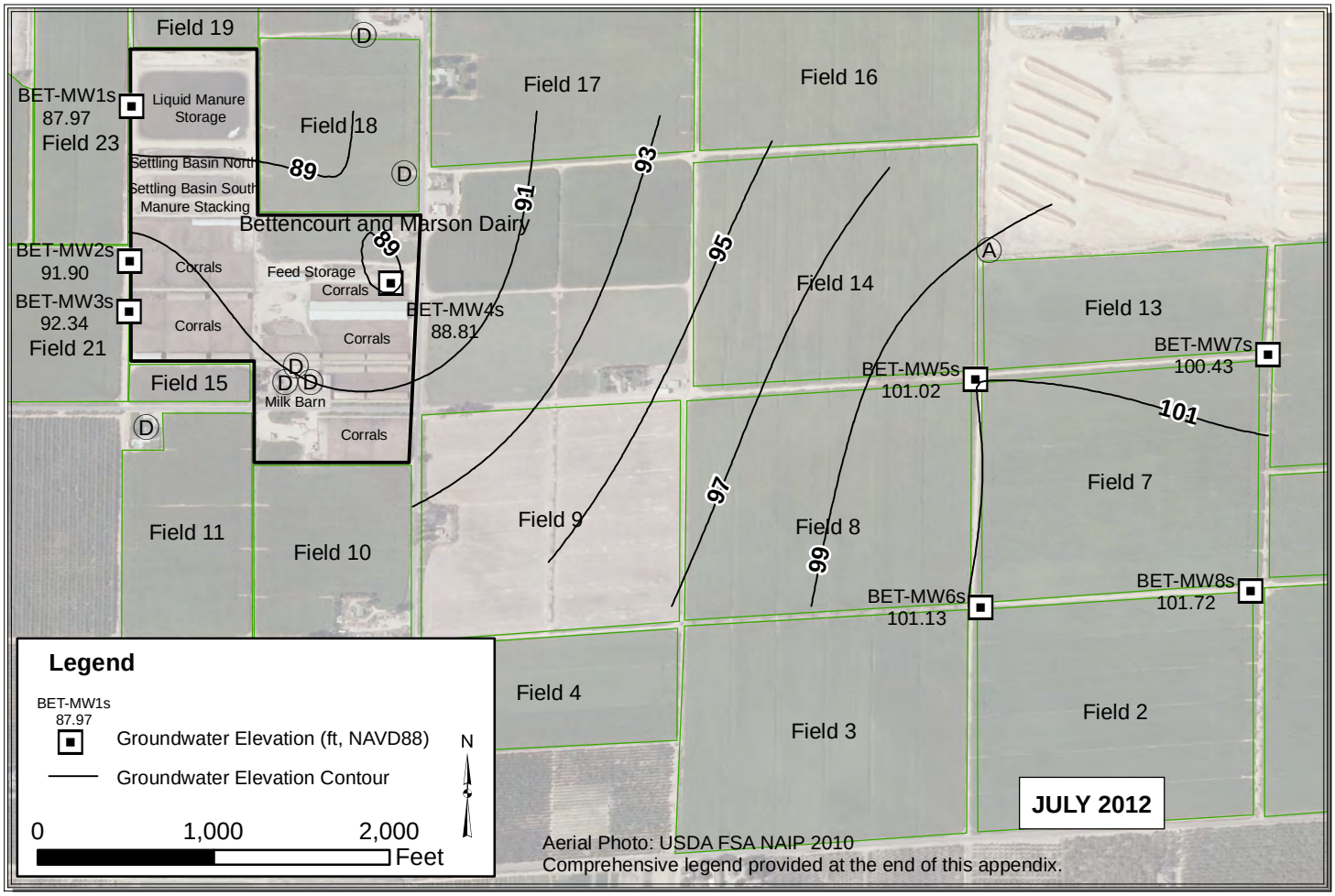


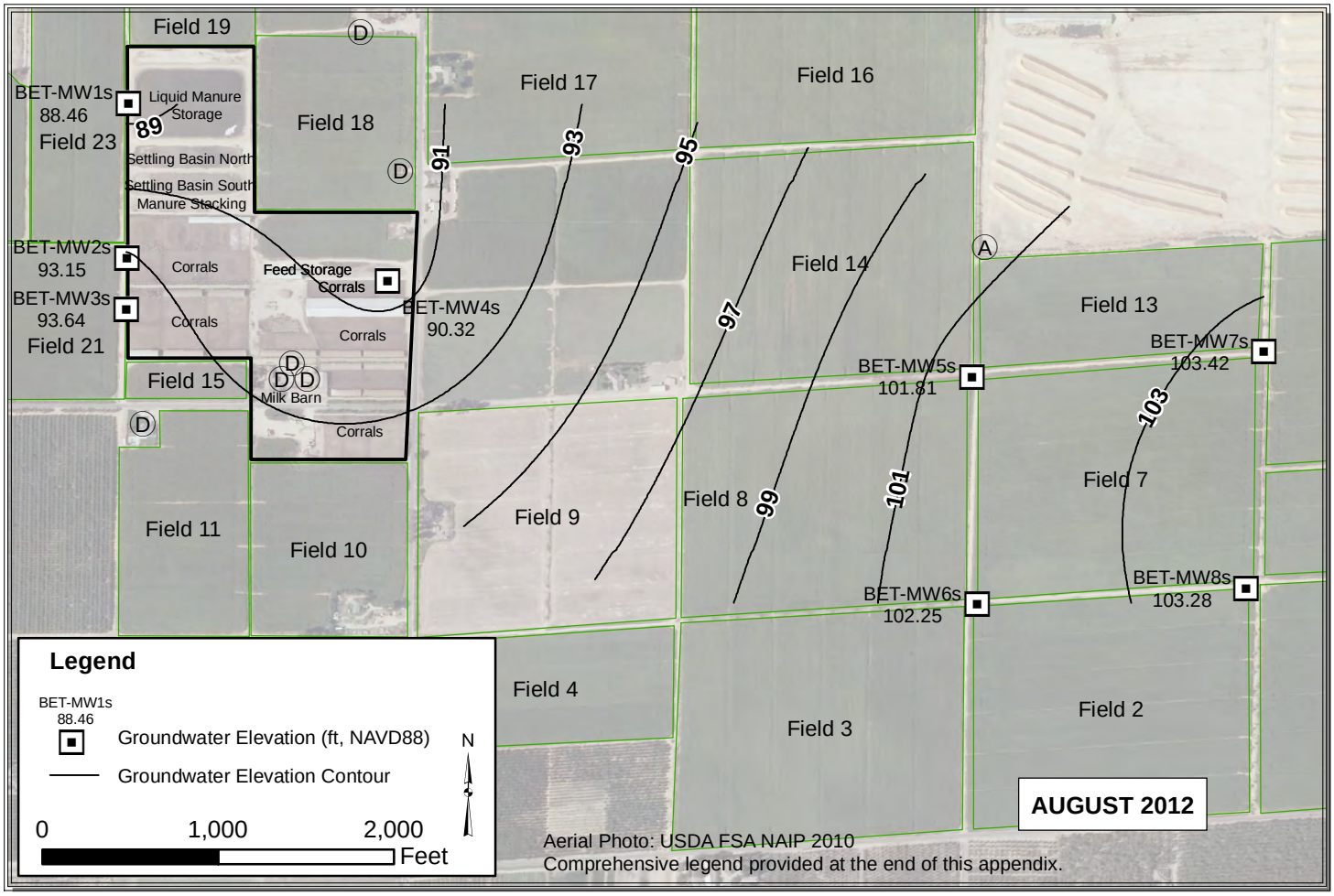
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BET\BET_Mar_Apr.mxd



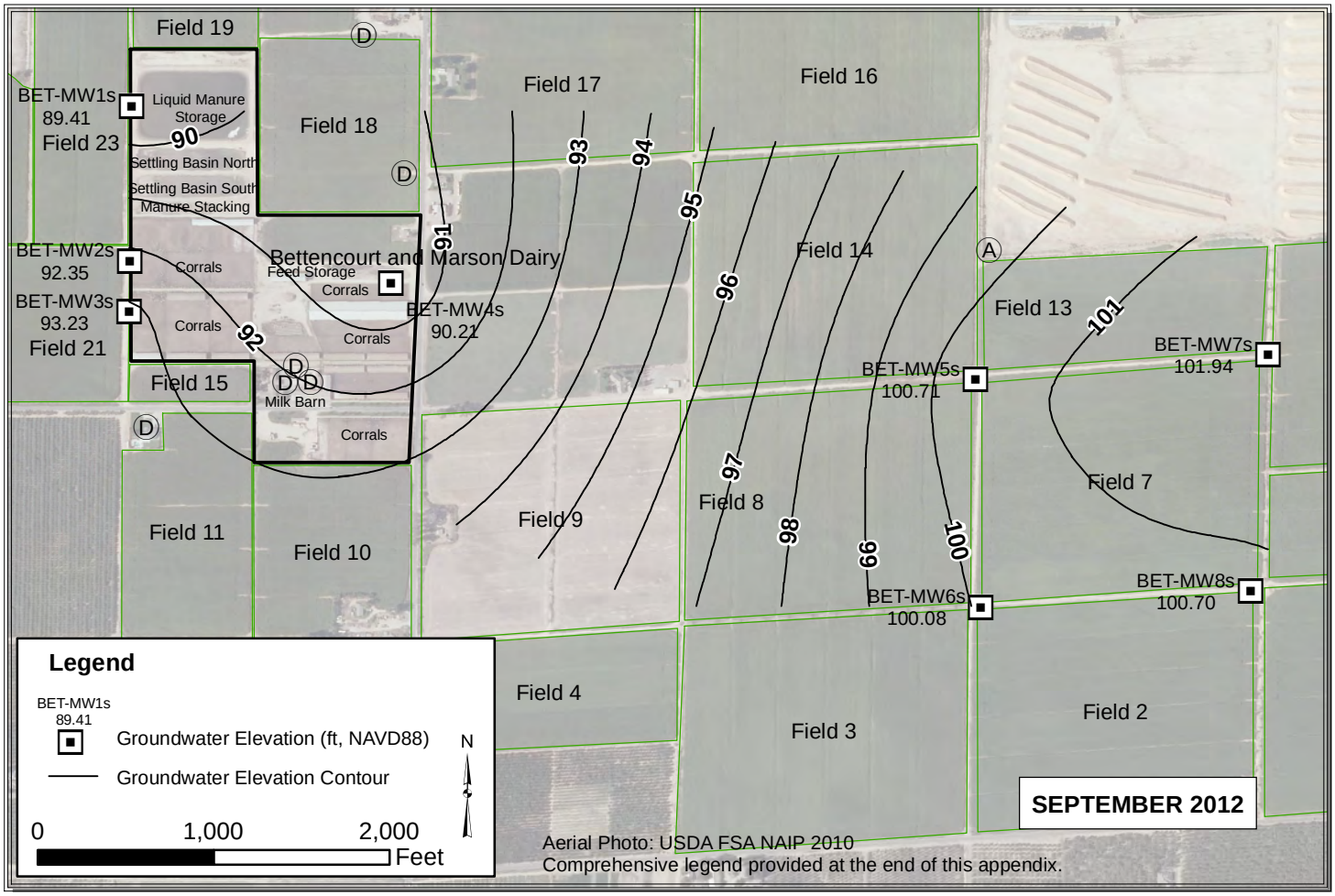


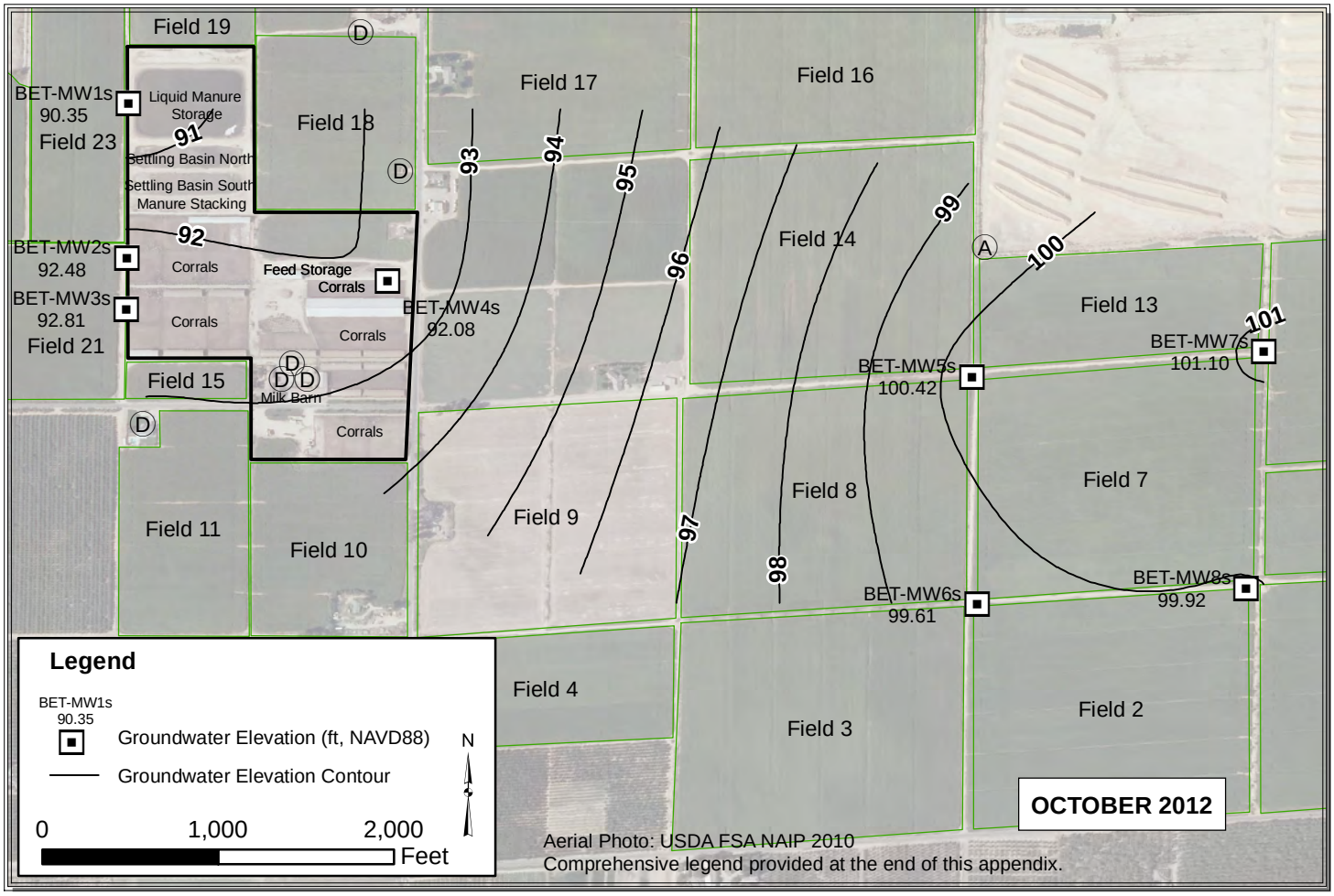
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BET\BET_May_June.mxd



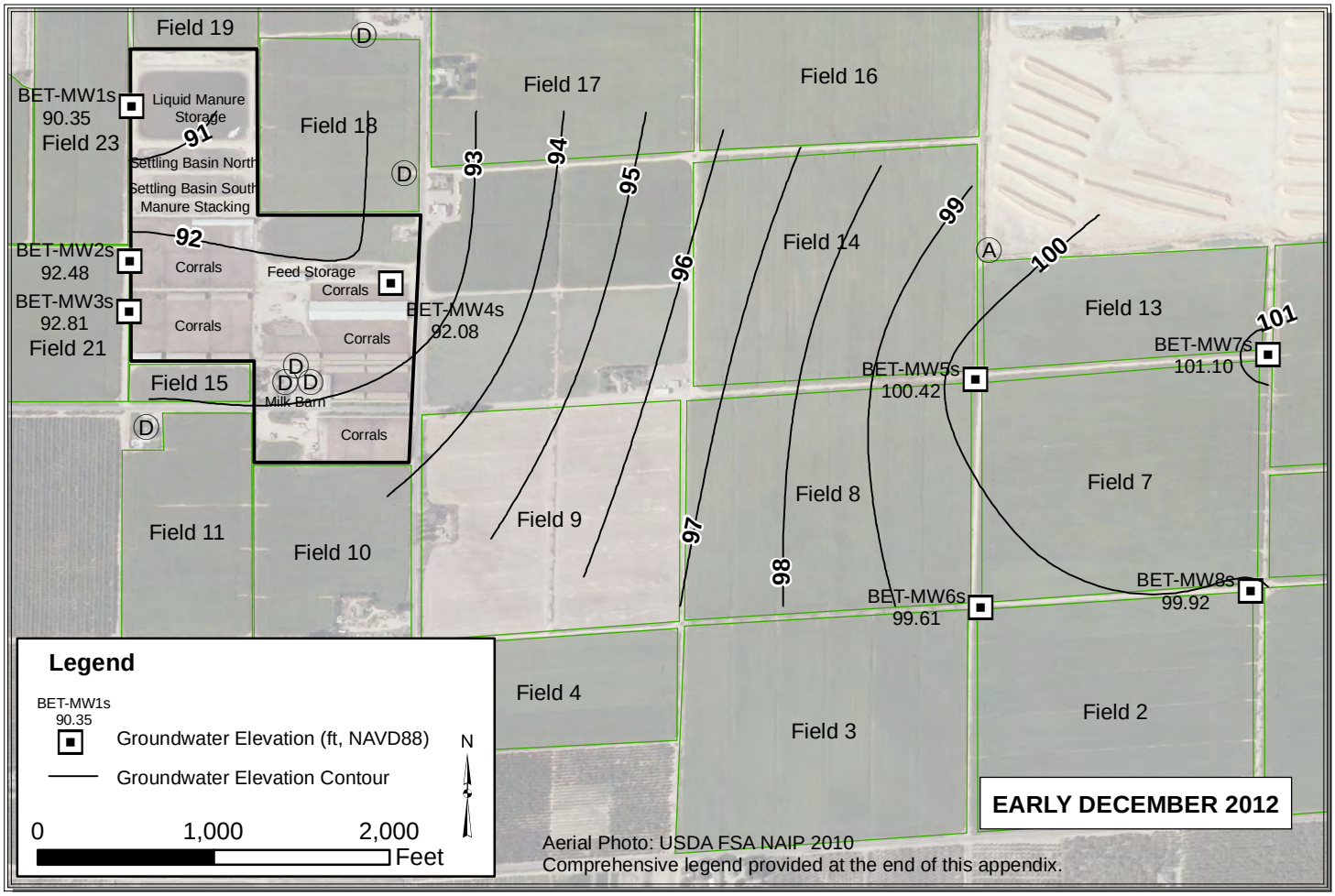


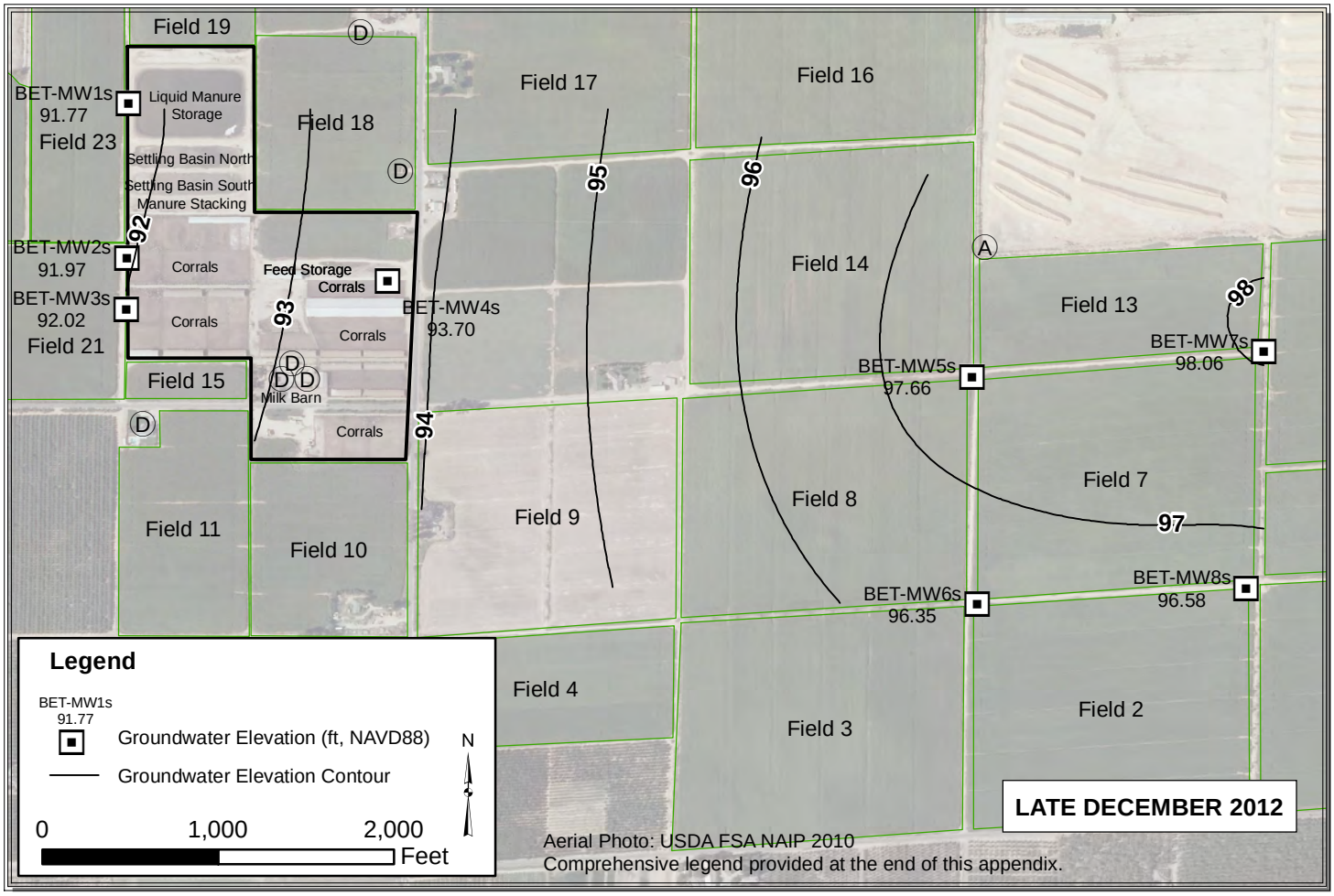
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BET\BET_July_Aug.mxd





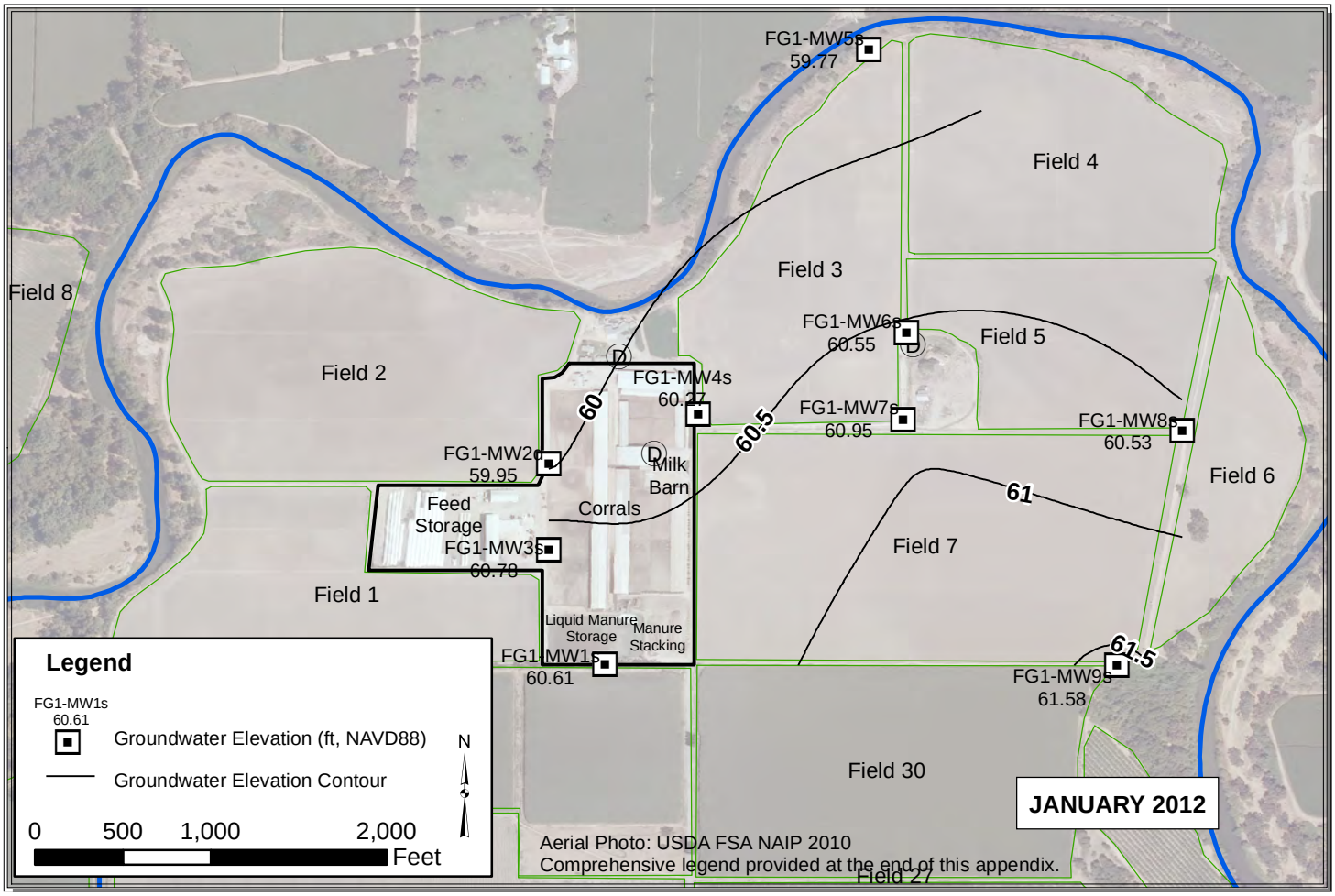
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BET\BET_Sep_Oct.mxd

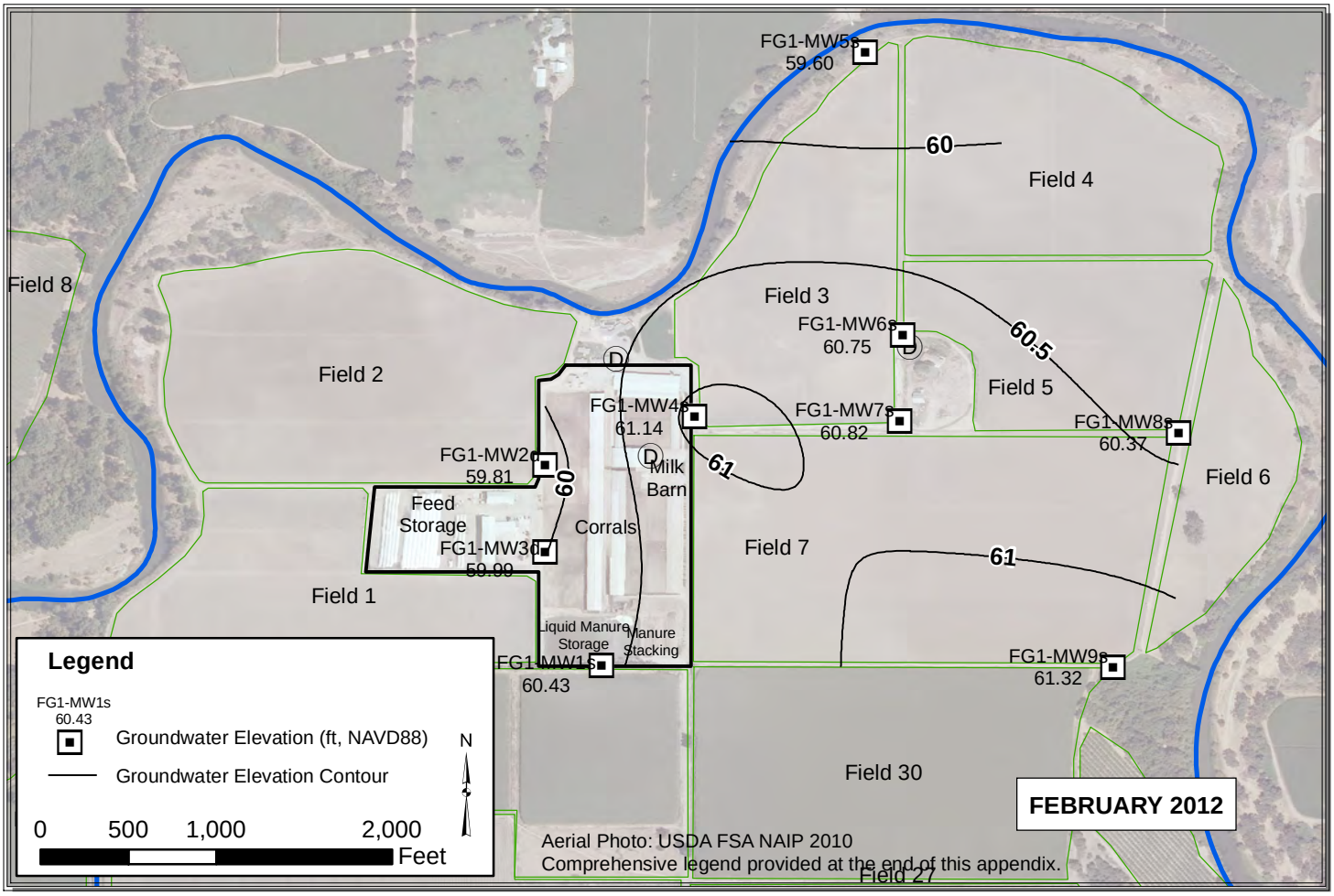




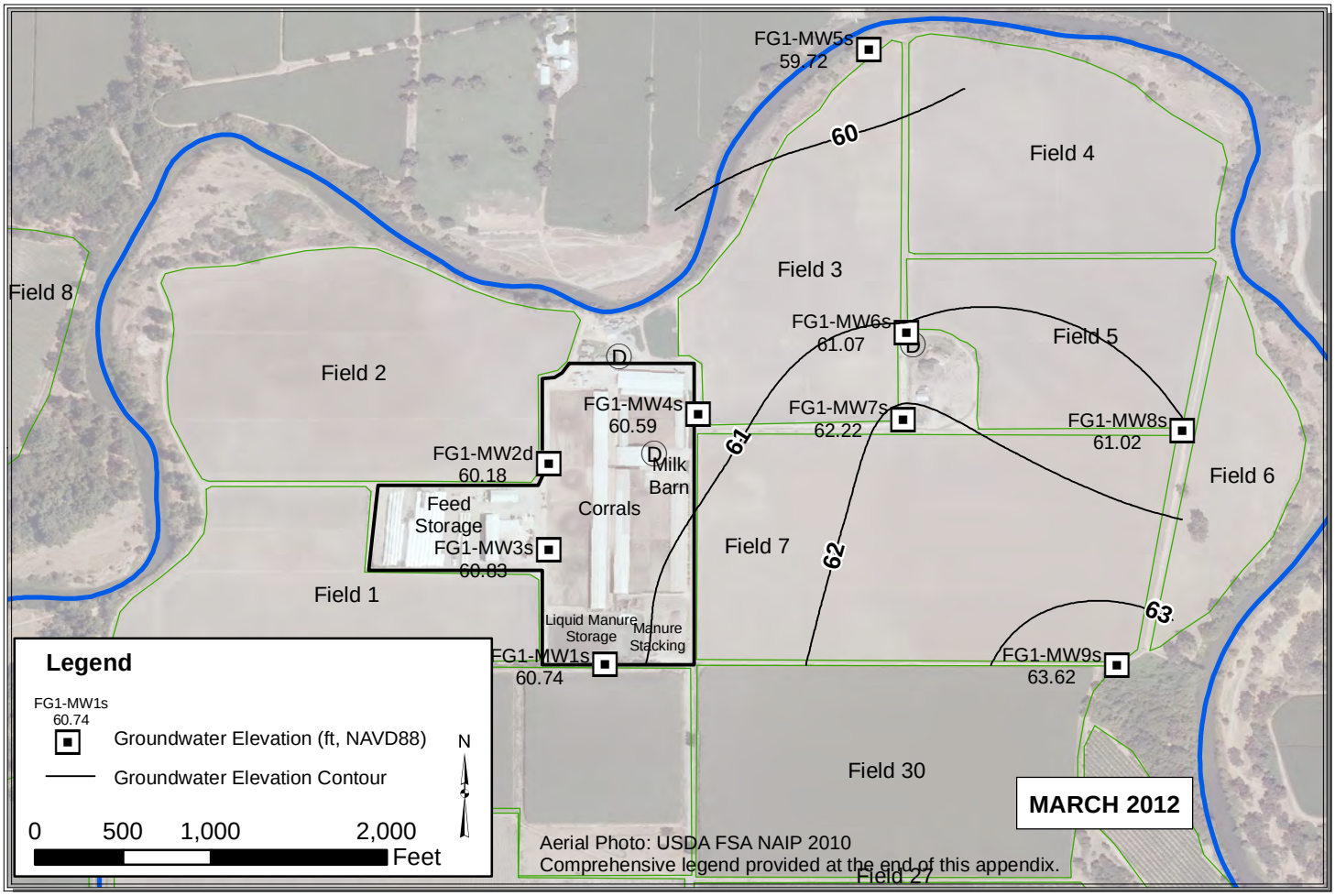
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BET\BET_Dec.mxd

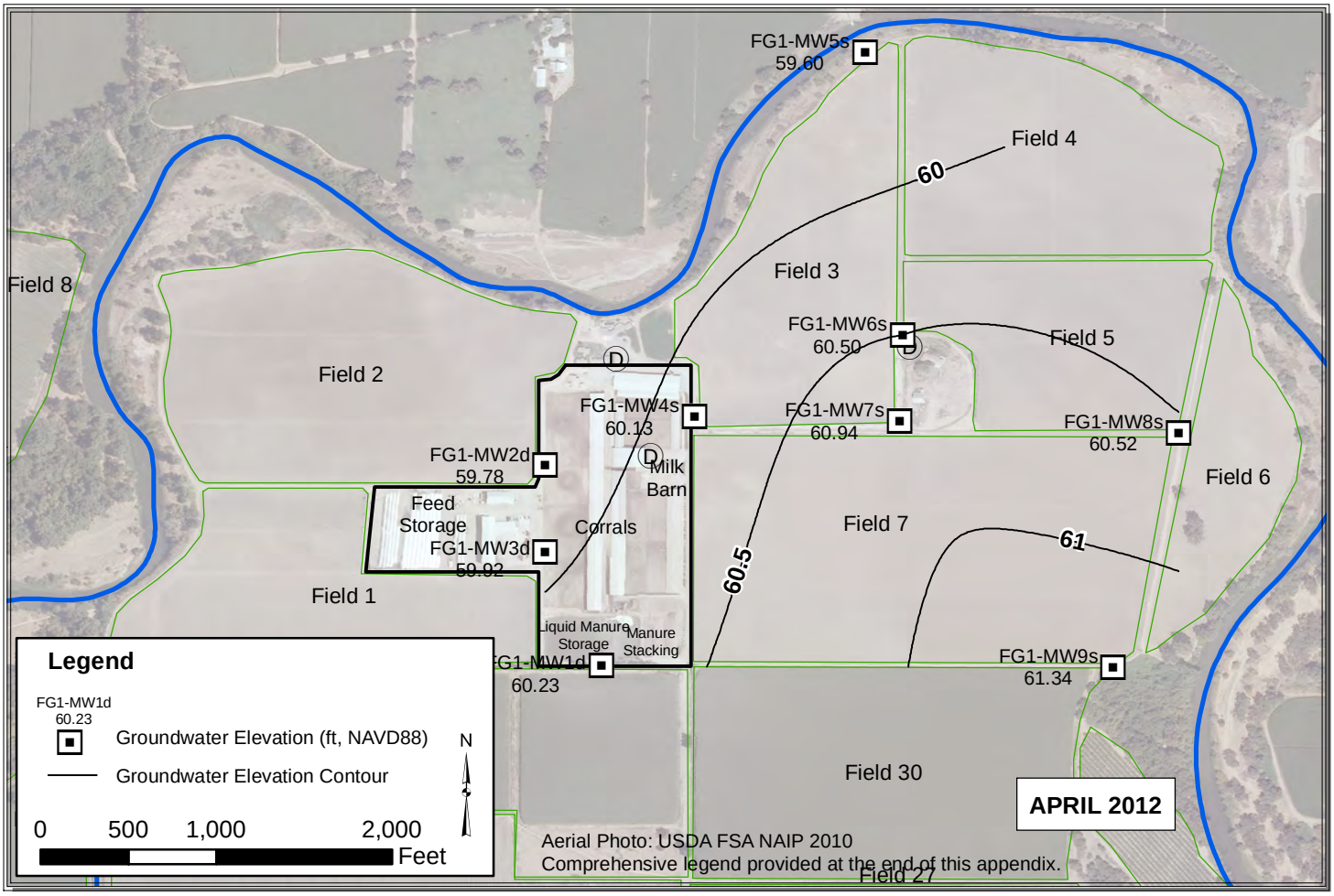
FG1



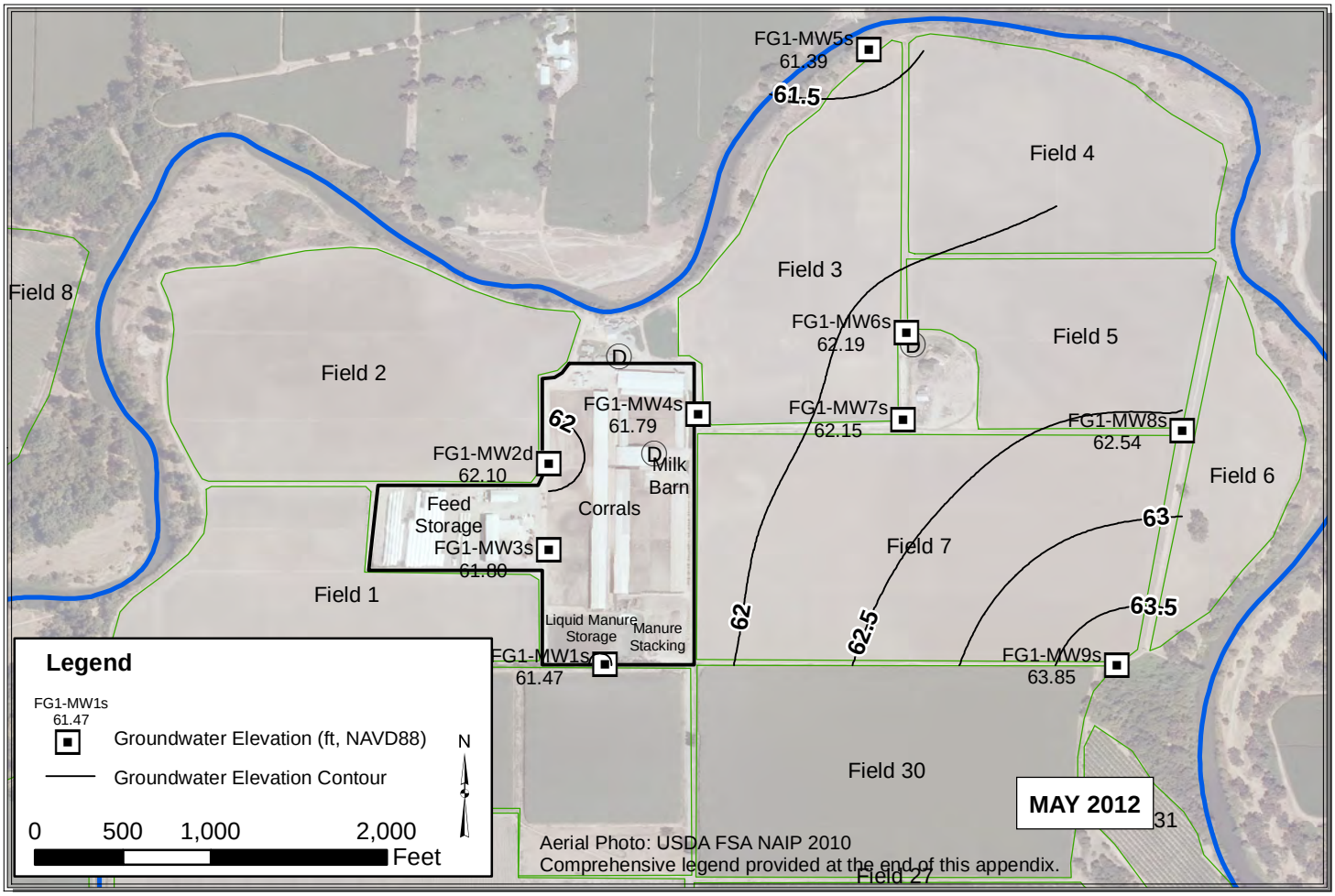


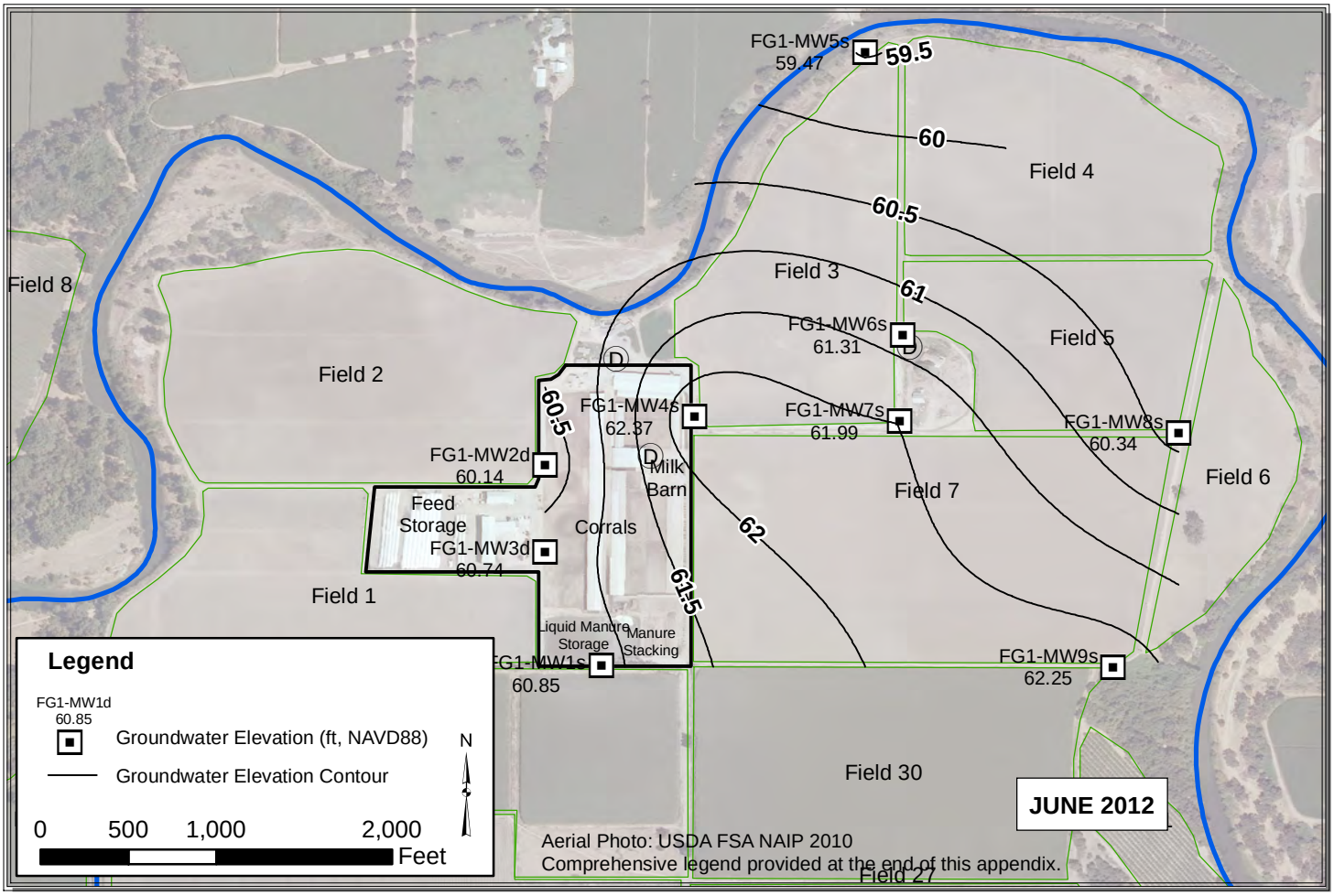
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG1\FG1_Jan_Feb.mxd



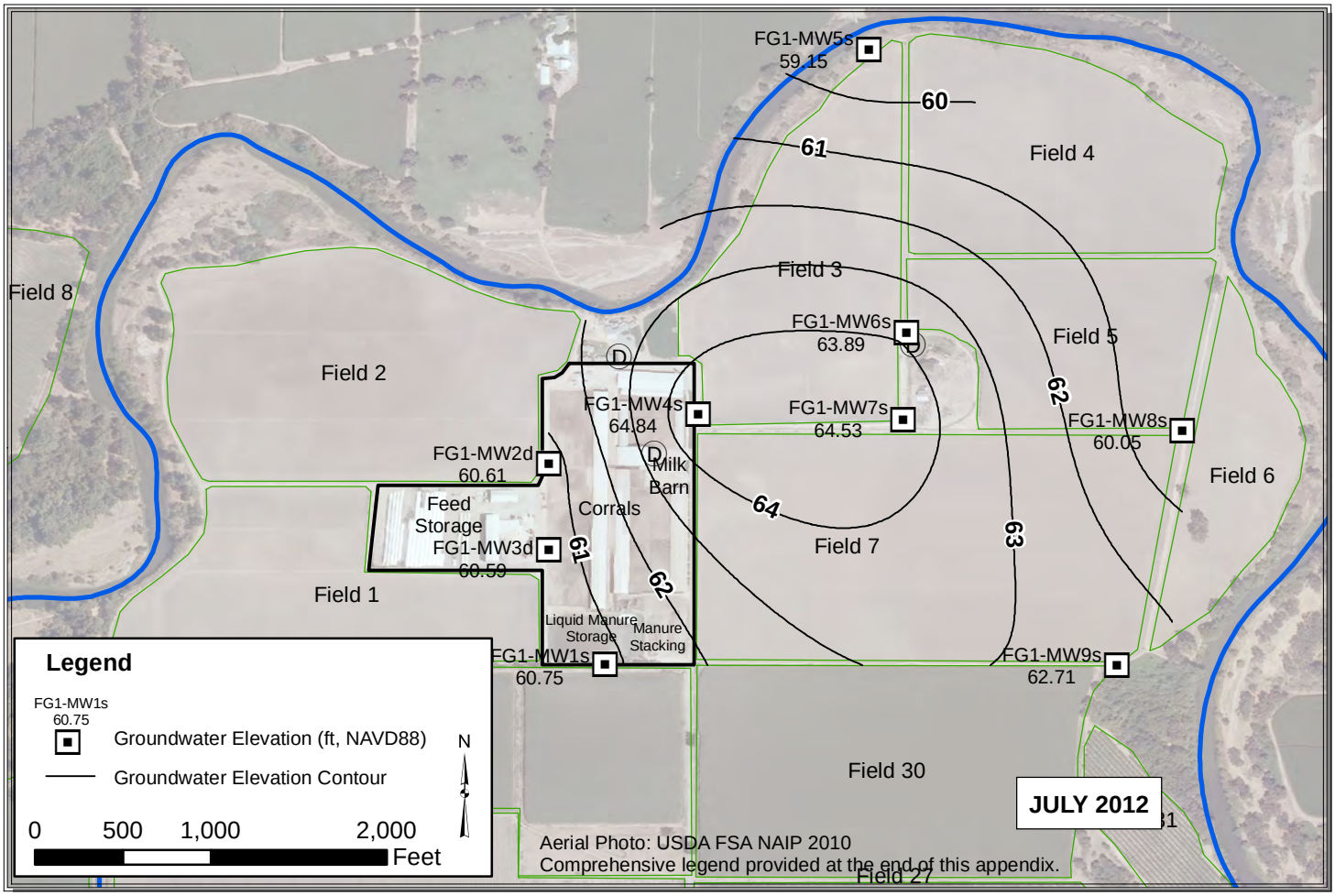


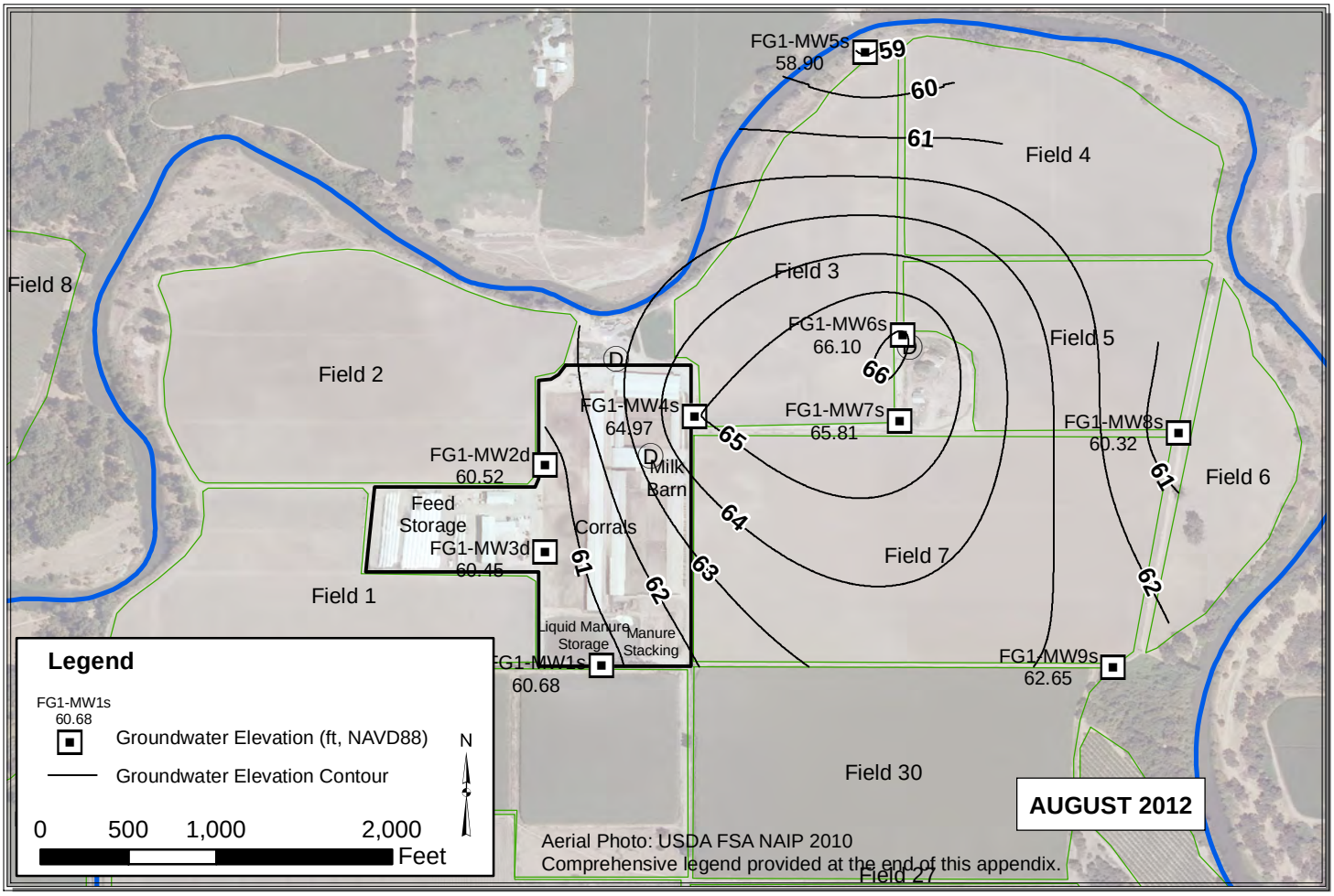
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG1\FG1_Mar_Apr.mxd



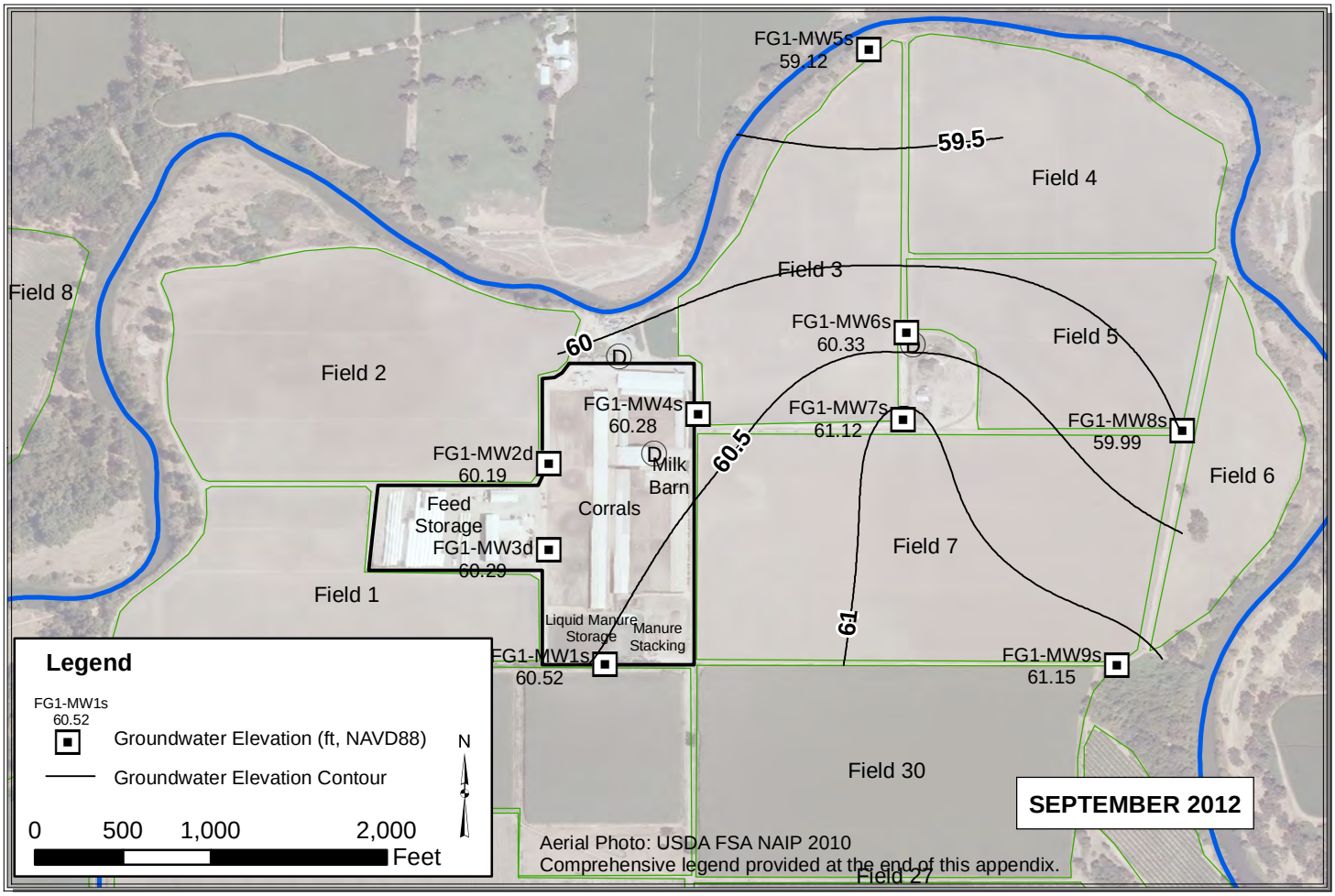


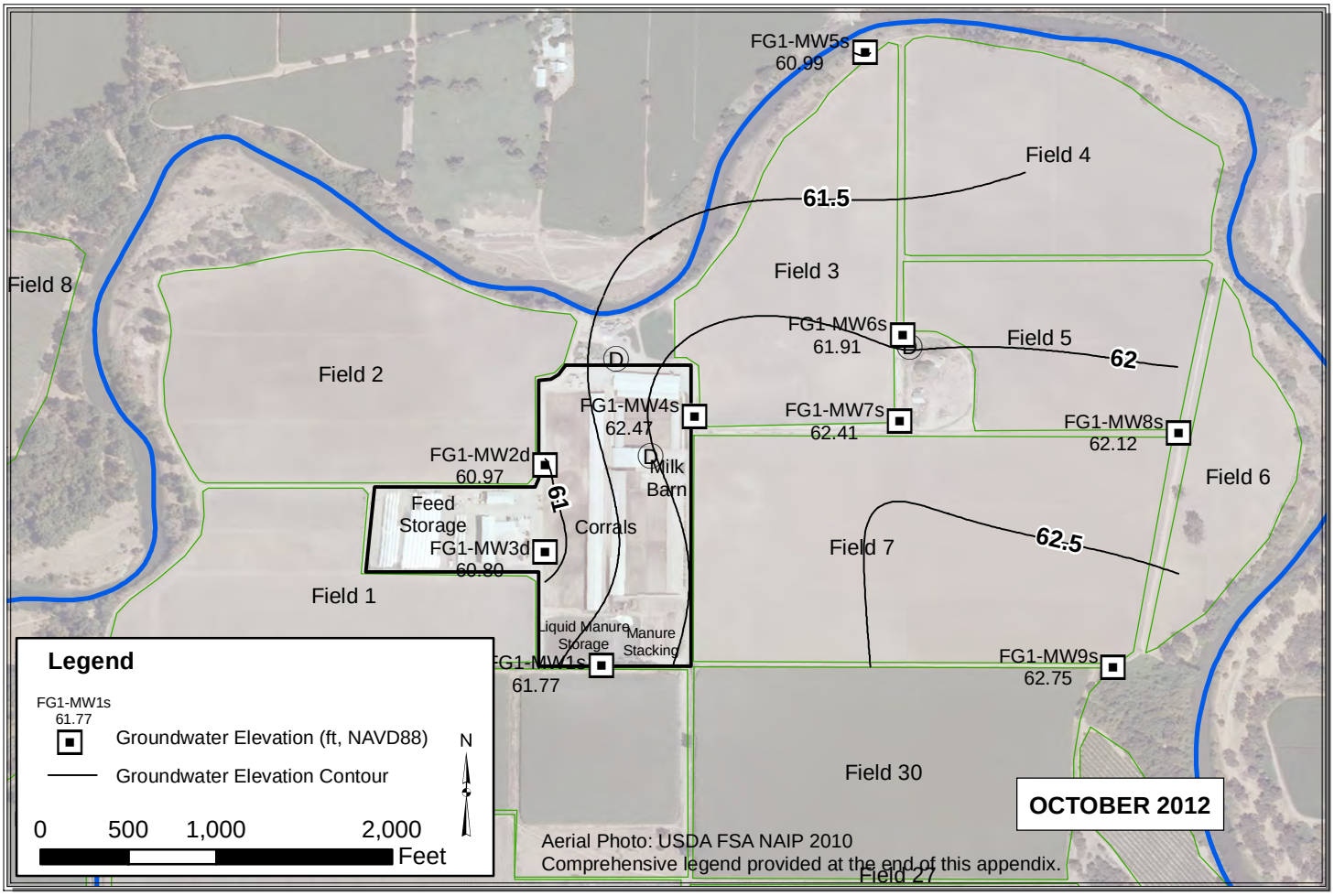
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG1\FG1_May_June.mxd



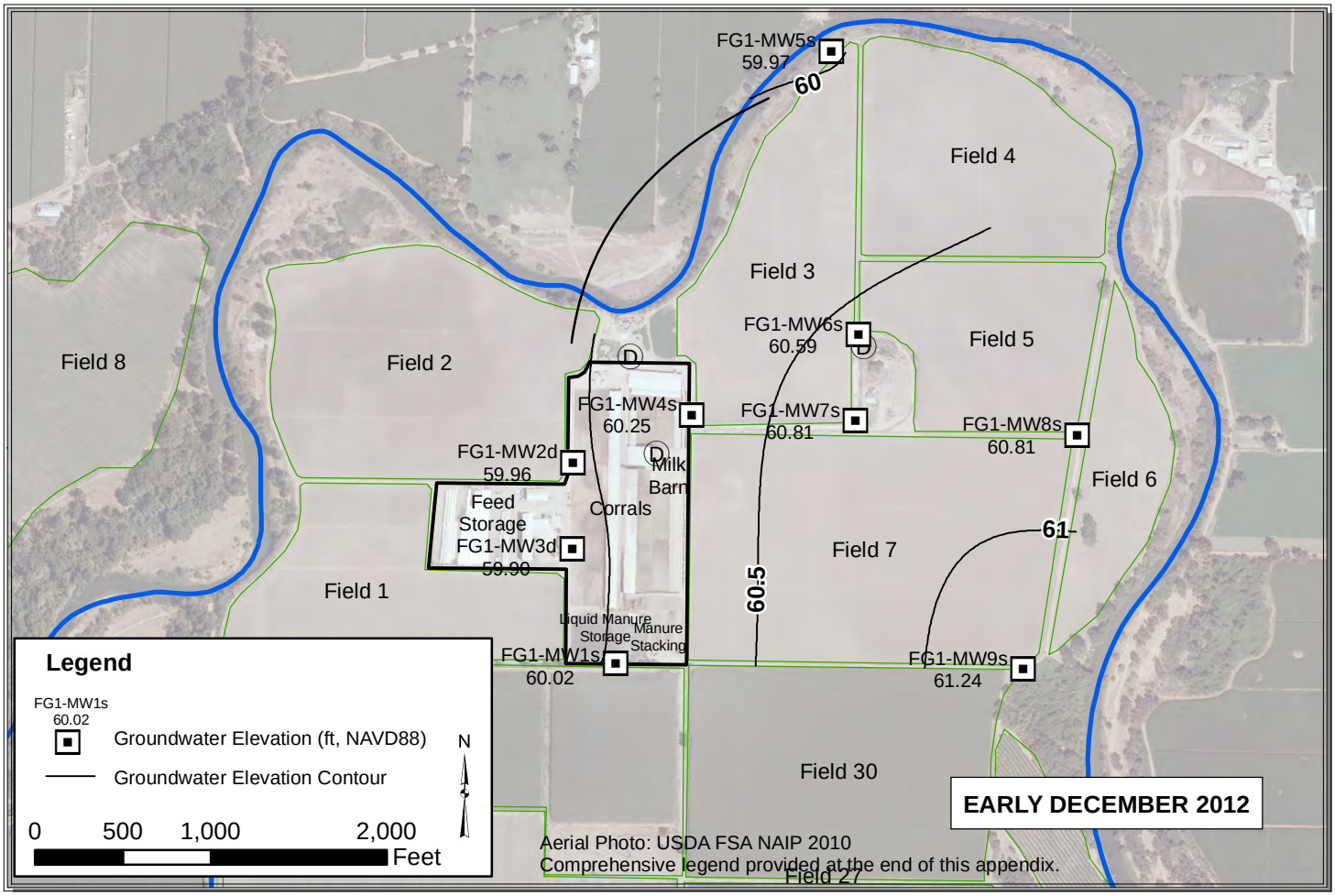


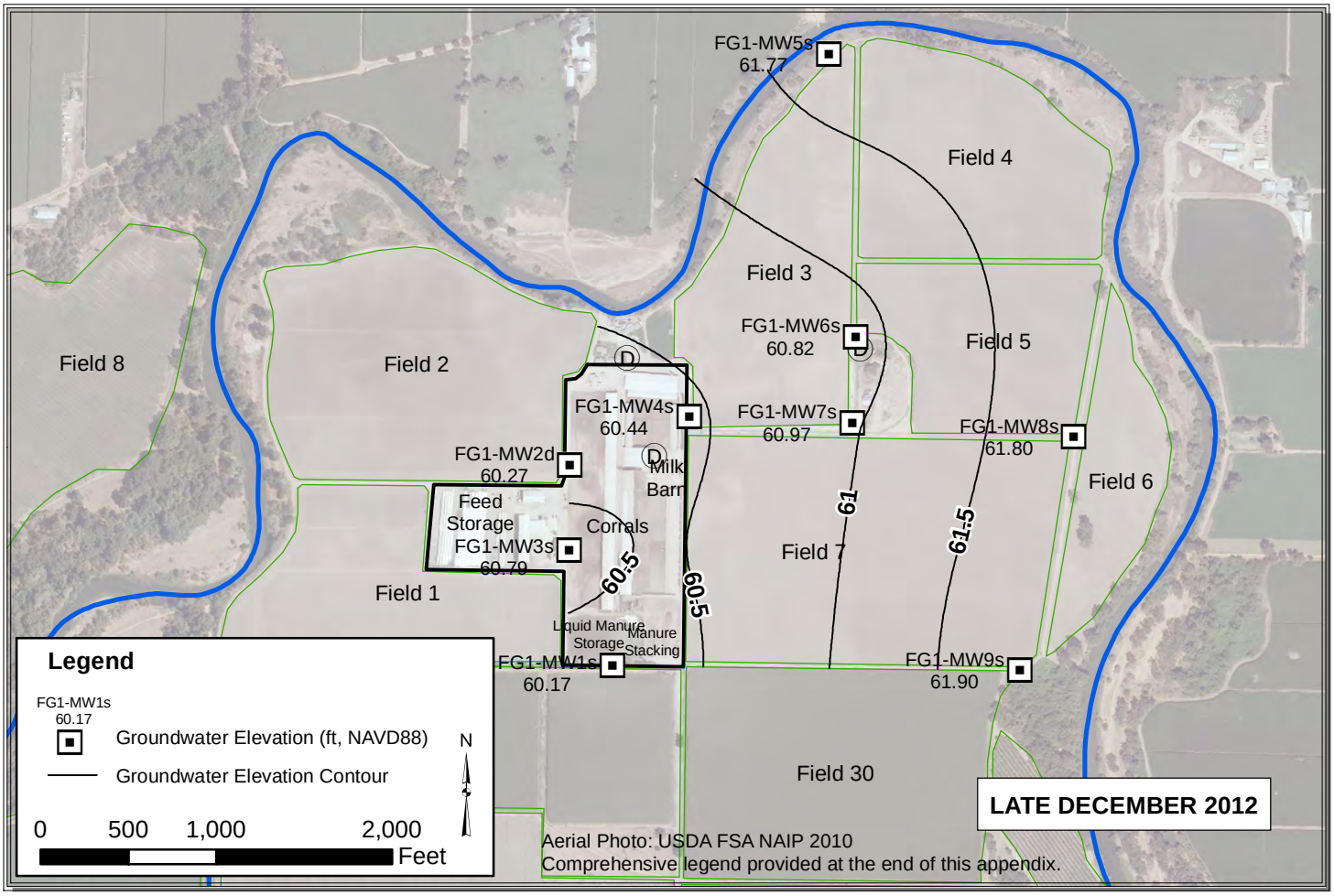
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG1\FG1_July_Aug.mxd





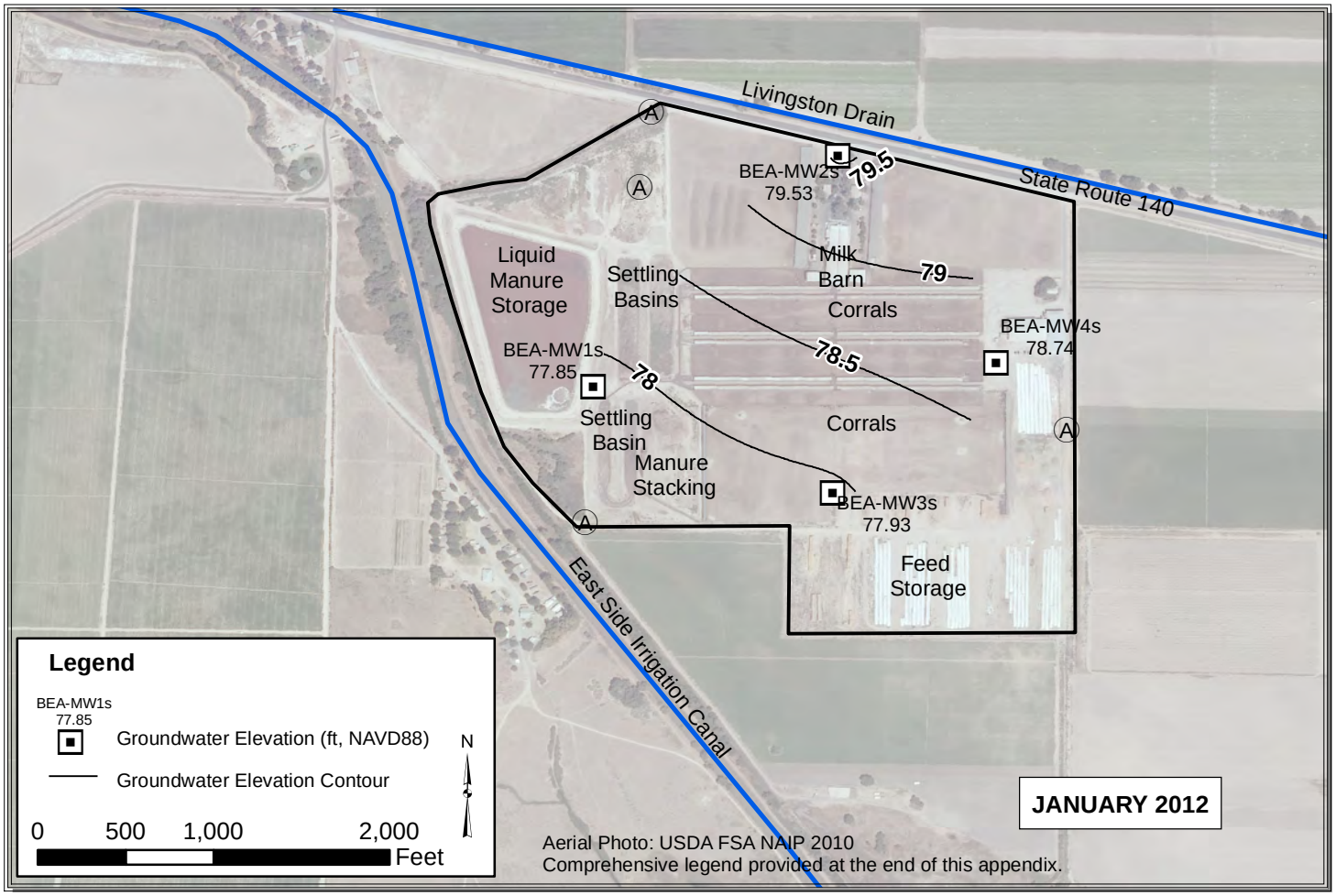
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG1\FG1_Sep_Oct.mxd

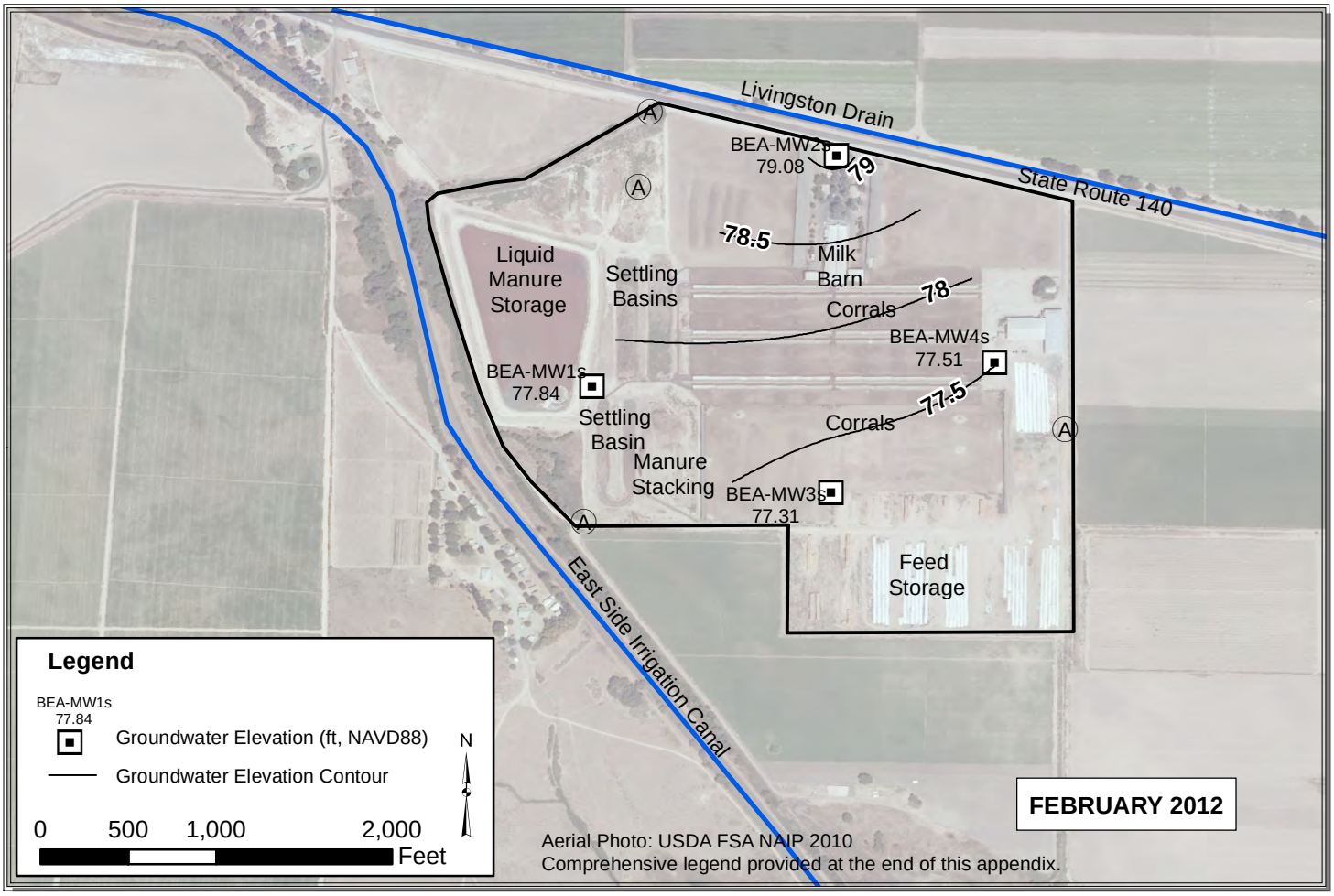




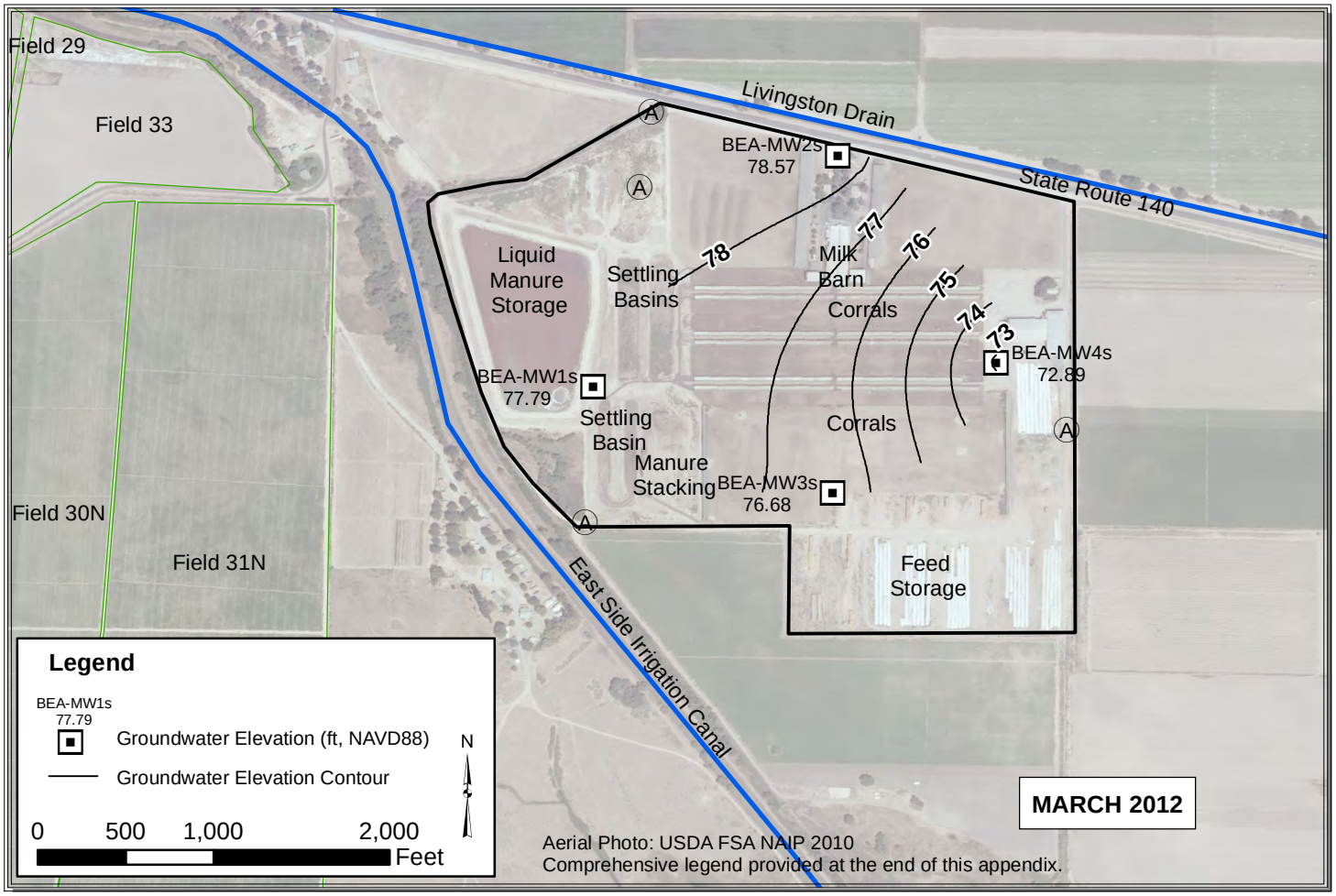
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG1\FG1_Dec.mxd

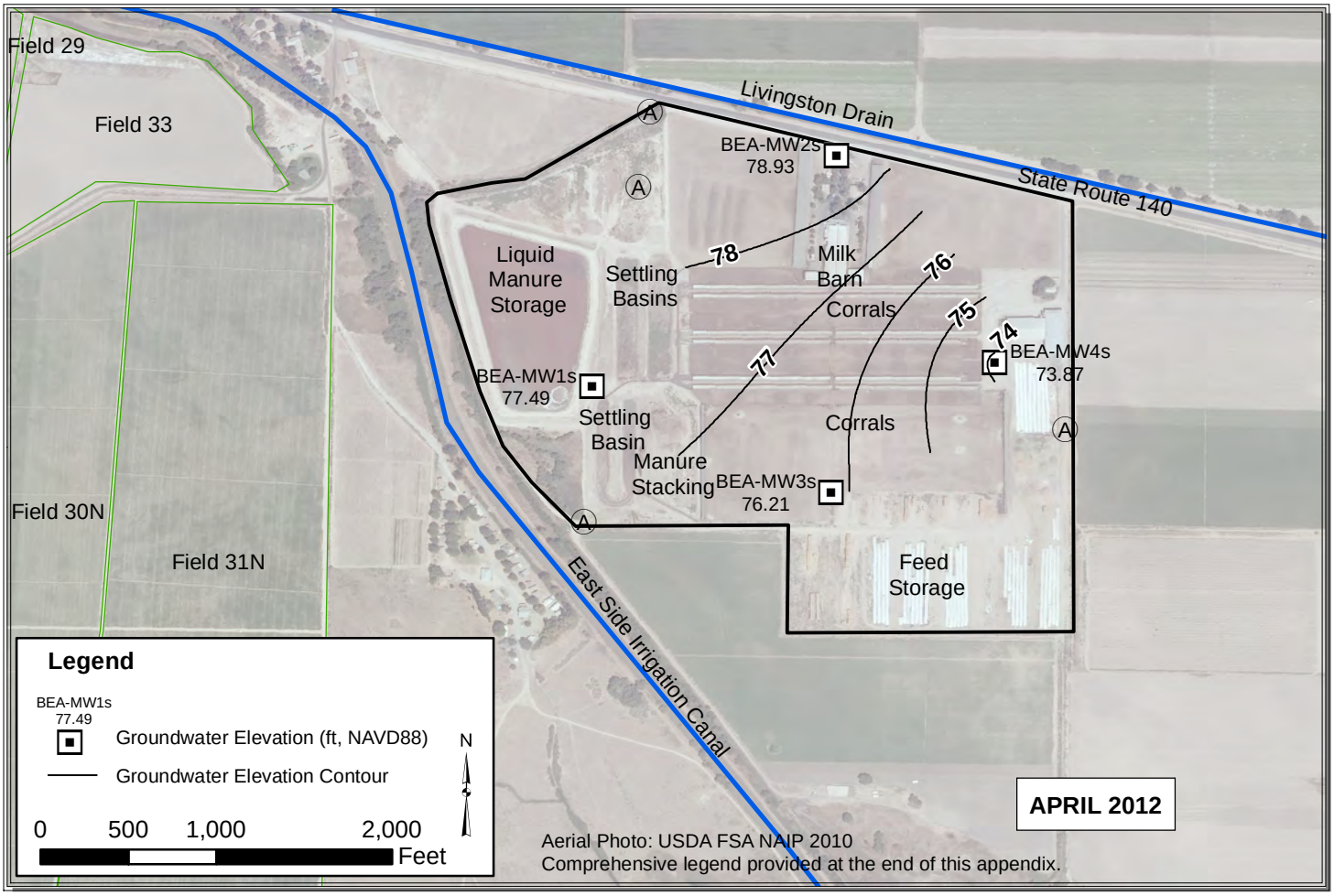
BEA



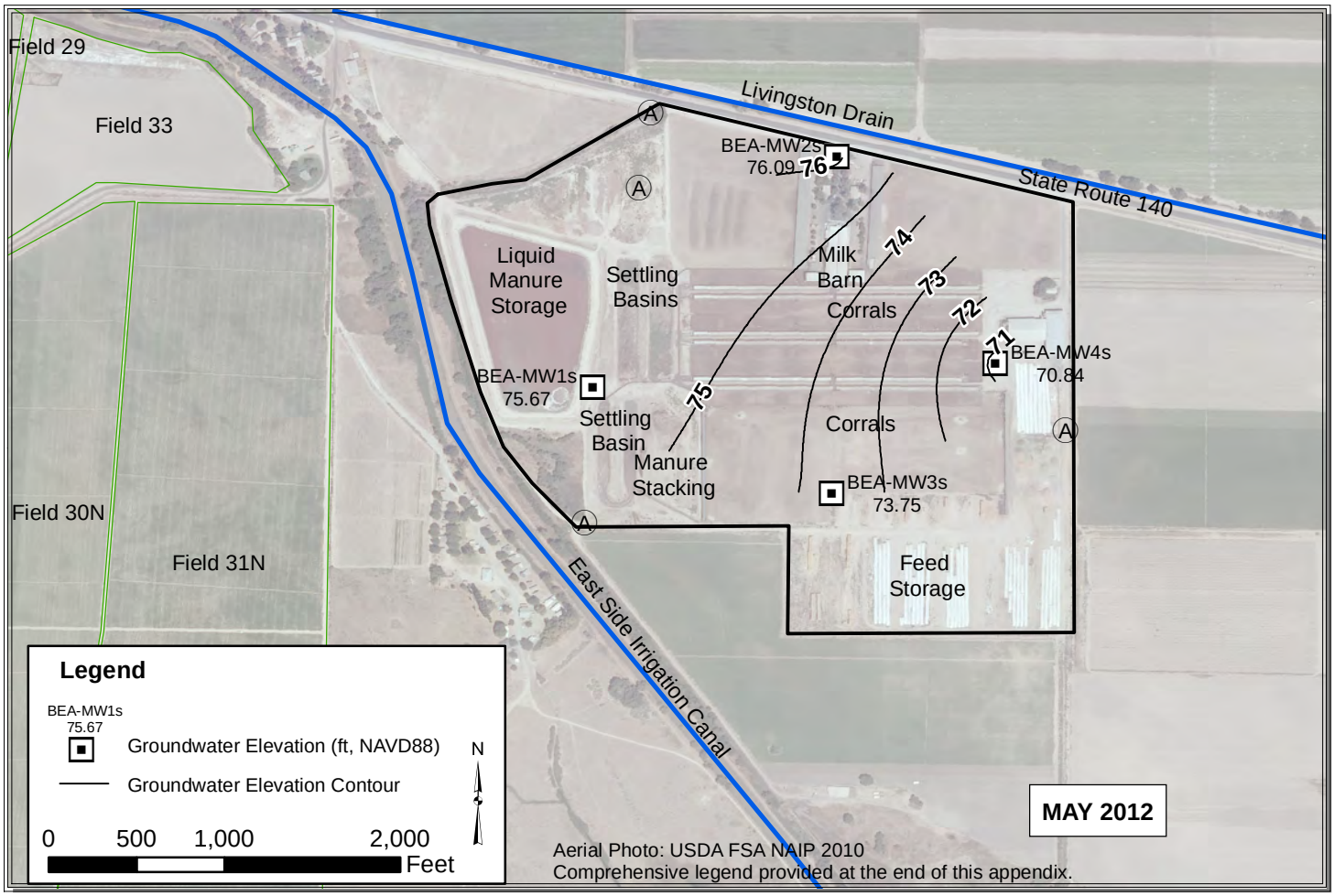


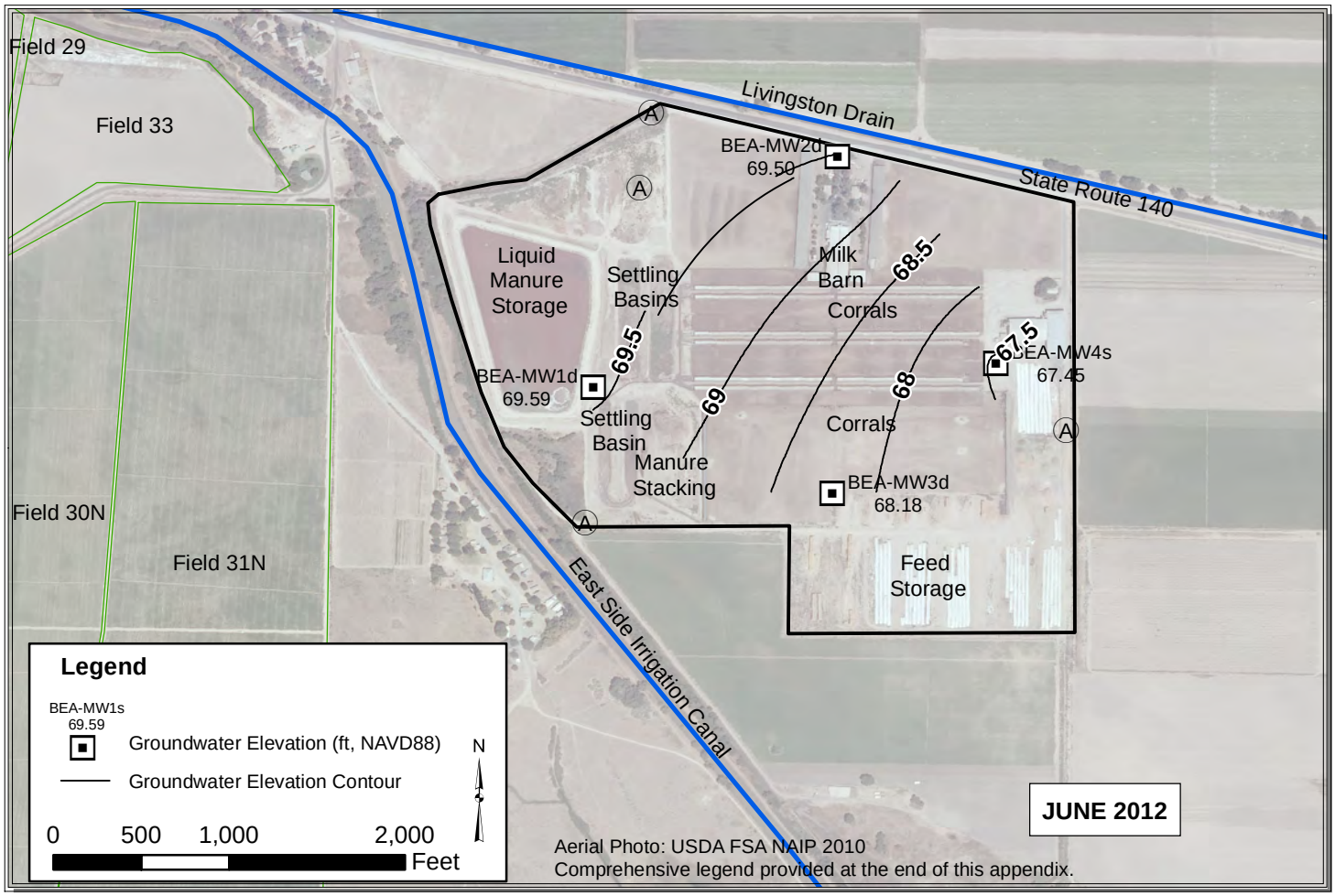
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BEA\BEA_Jan_Feb.mxd



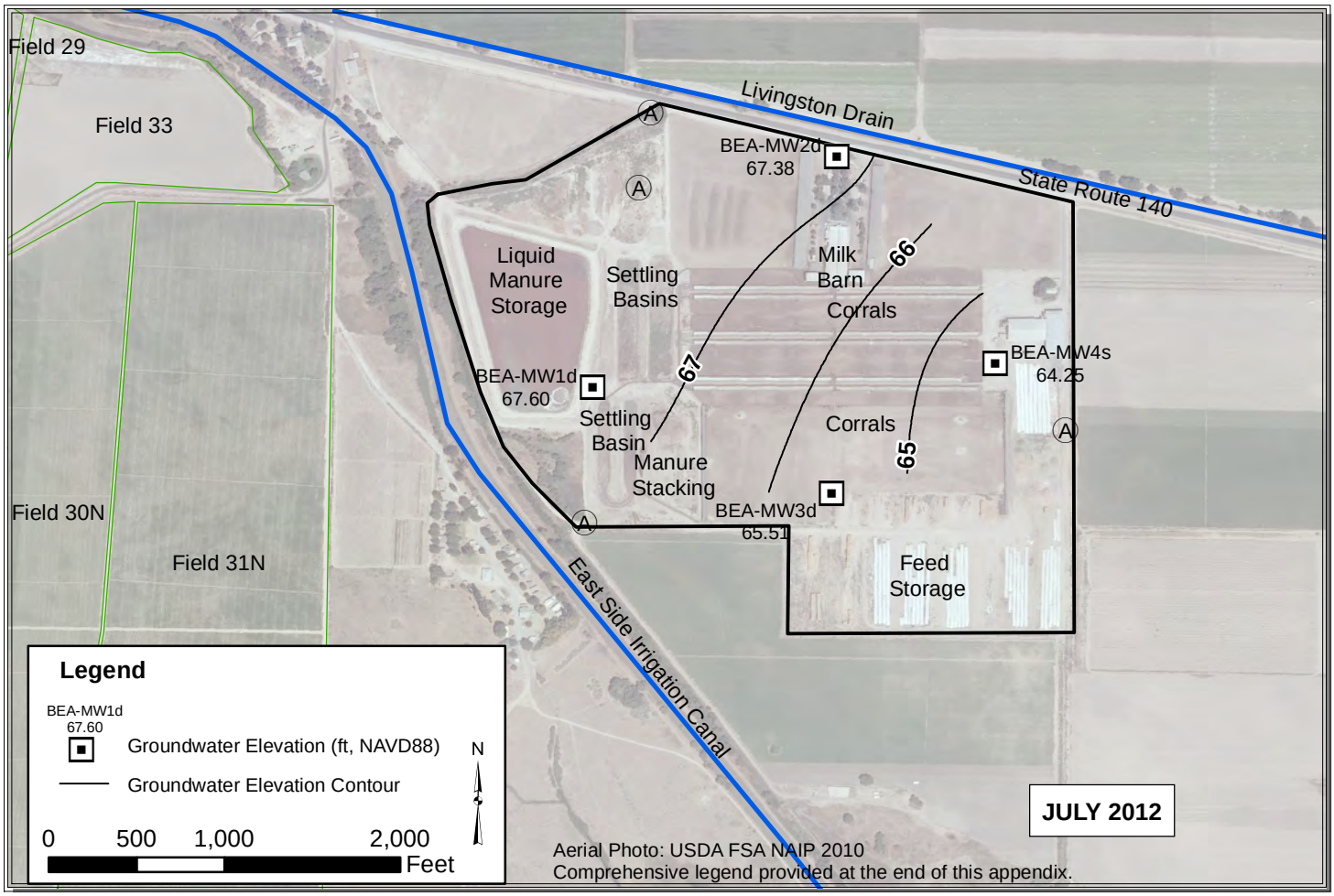


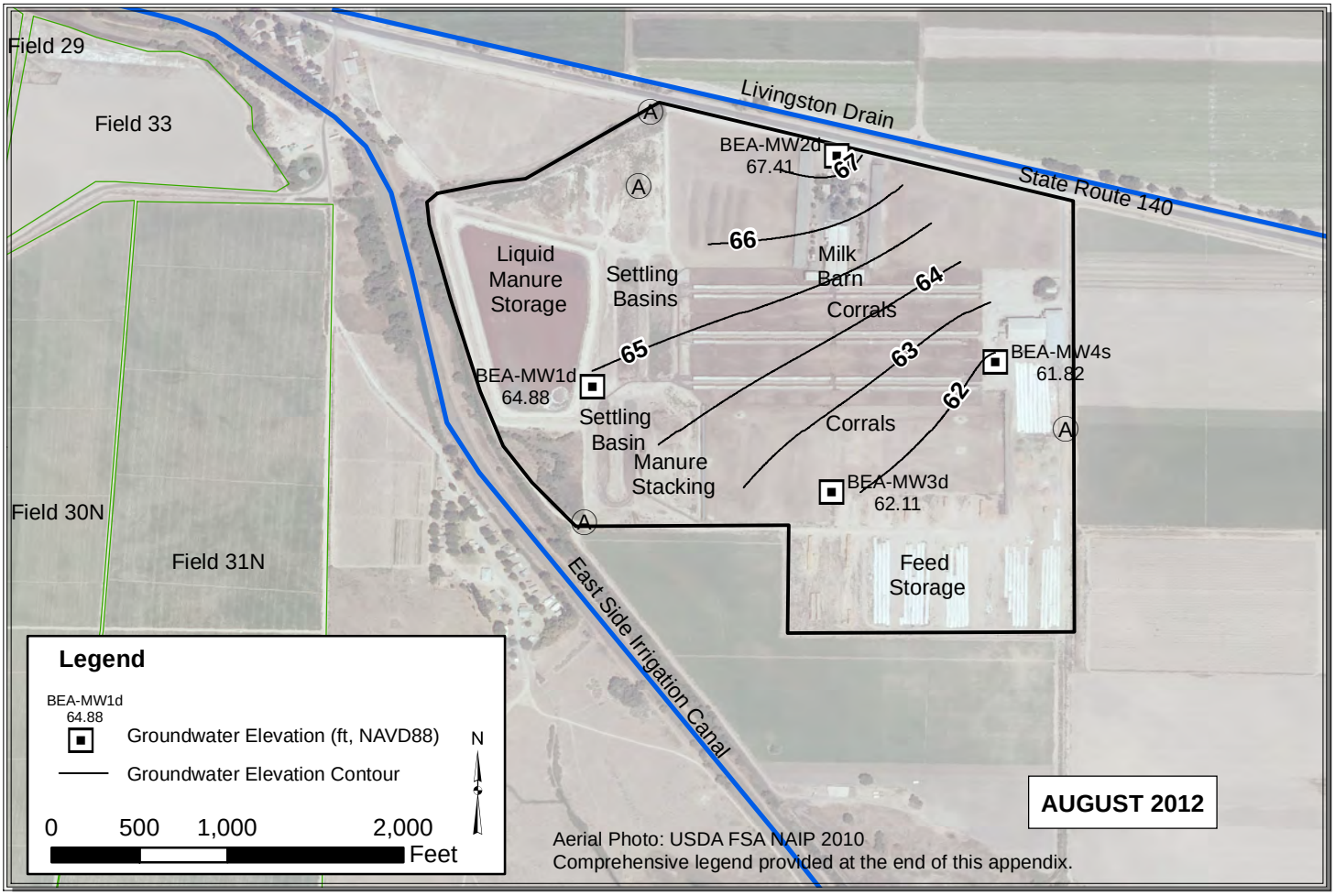
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BEA\BEA_Mar_Apr.mxd



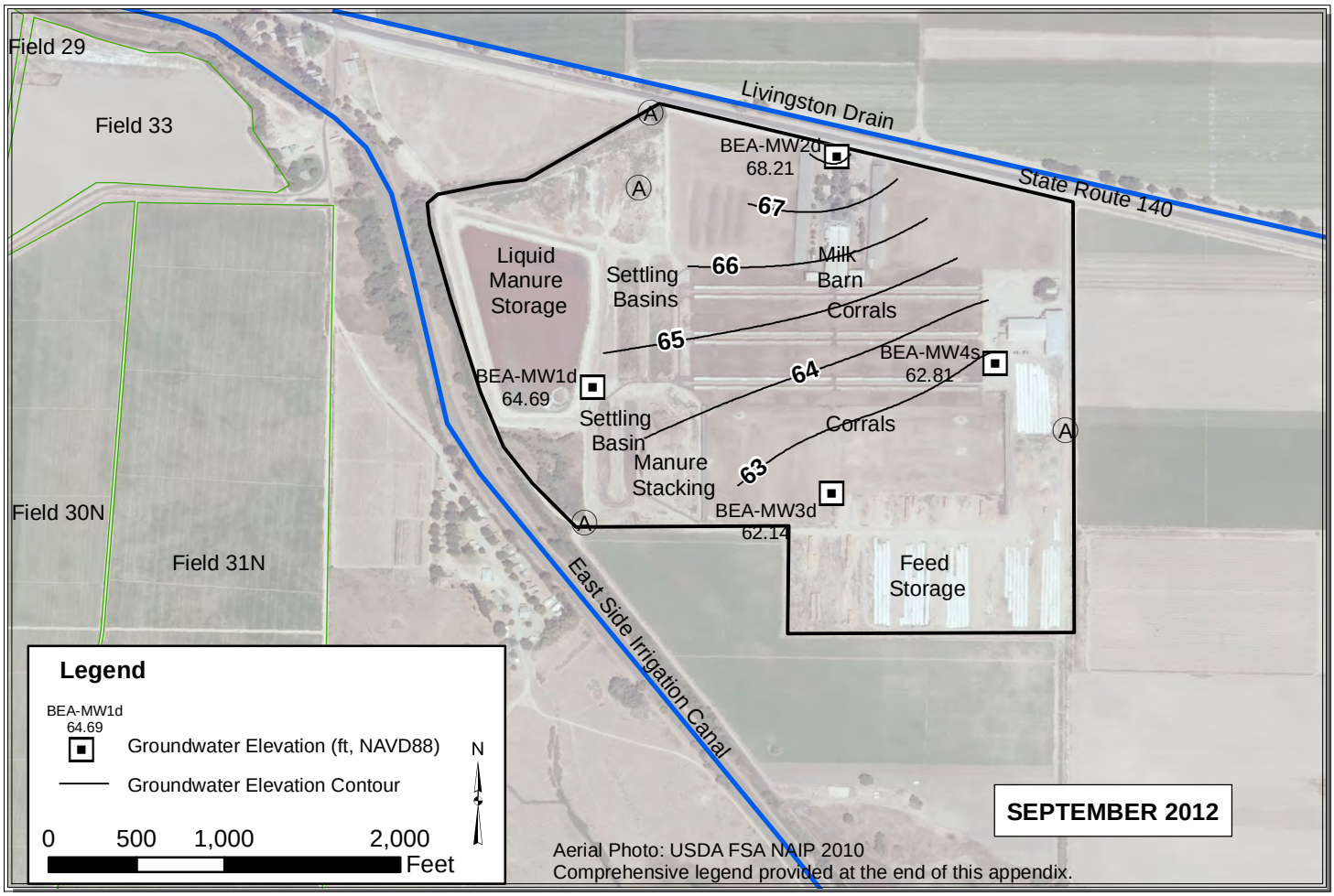


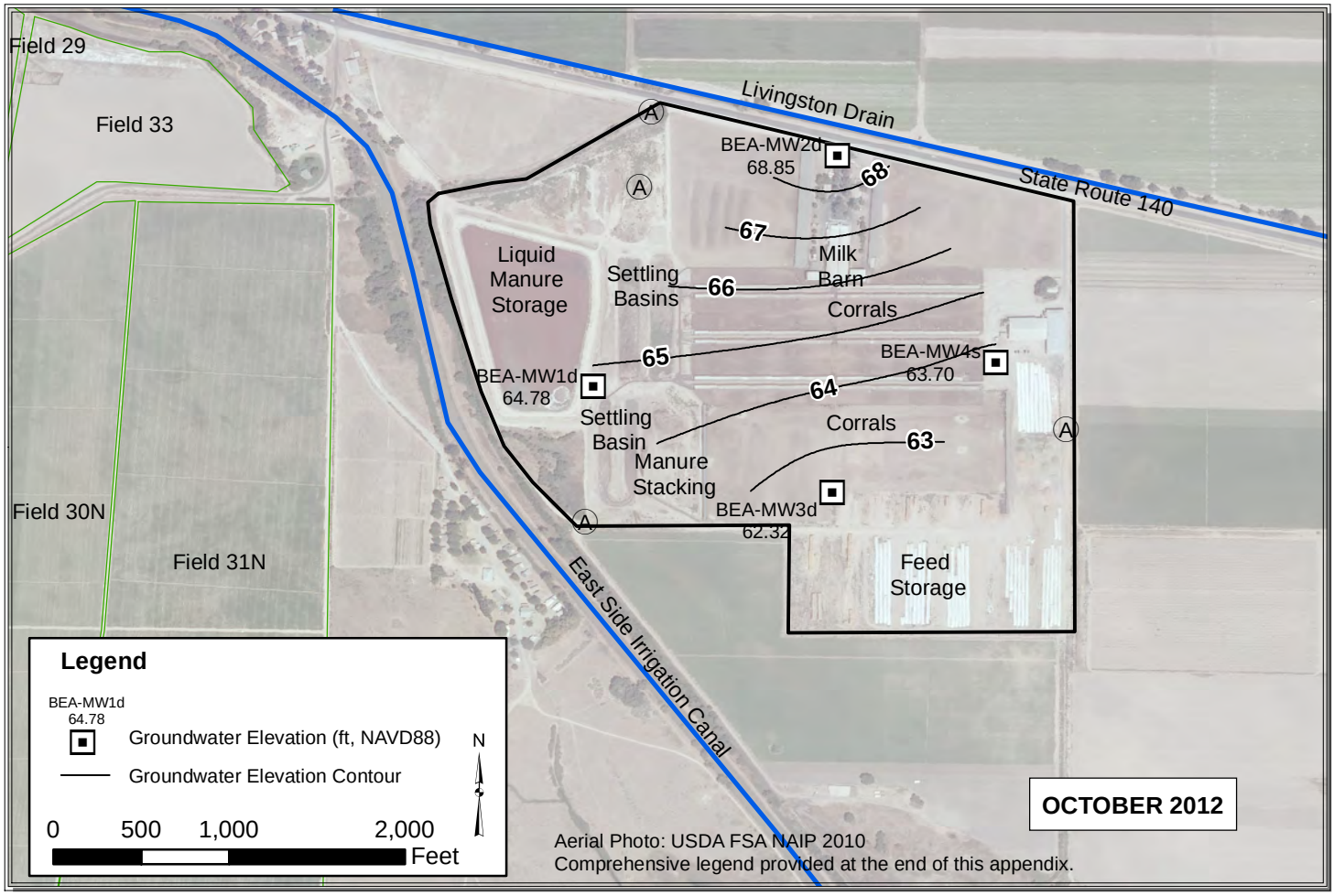
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BEA\BEA_May_Jun.mxd



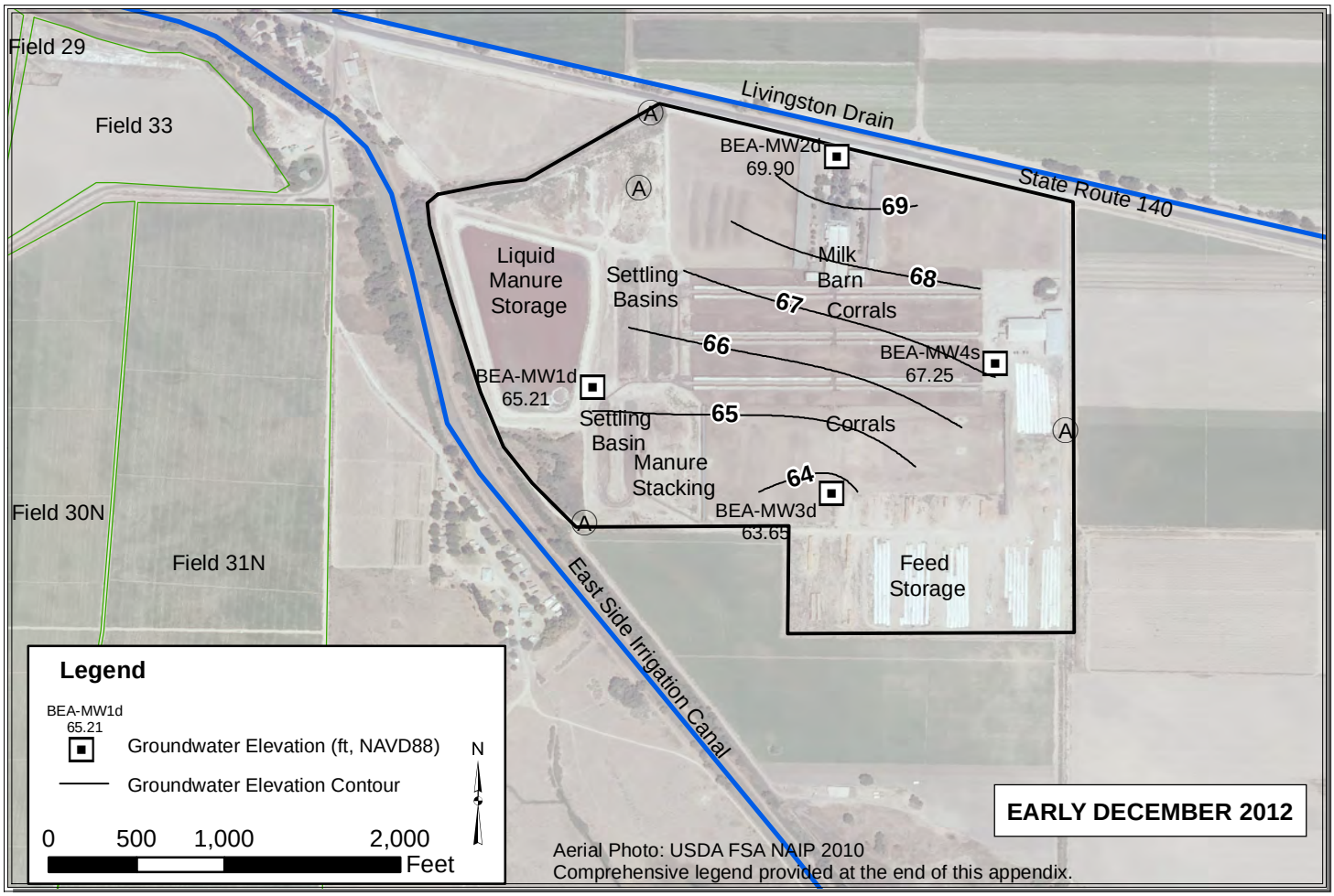


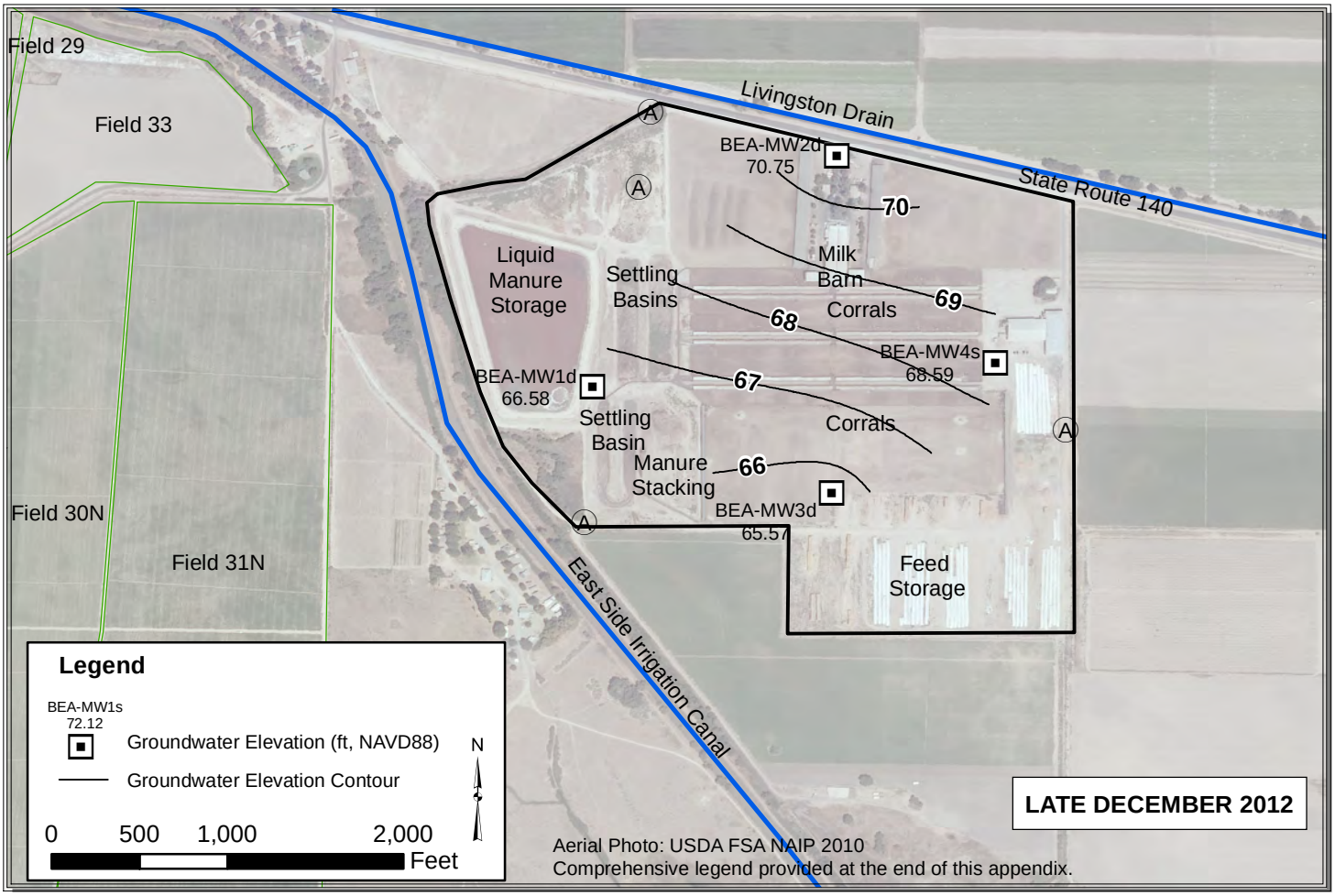
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BEA\BEA_July_Aug.mxd





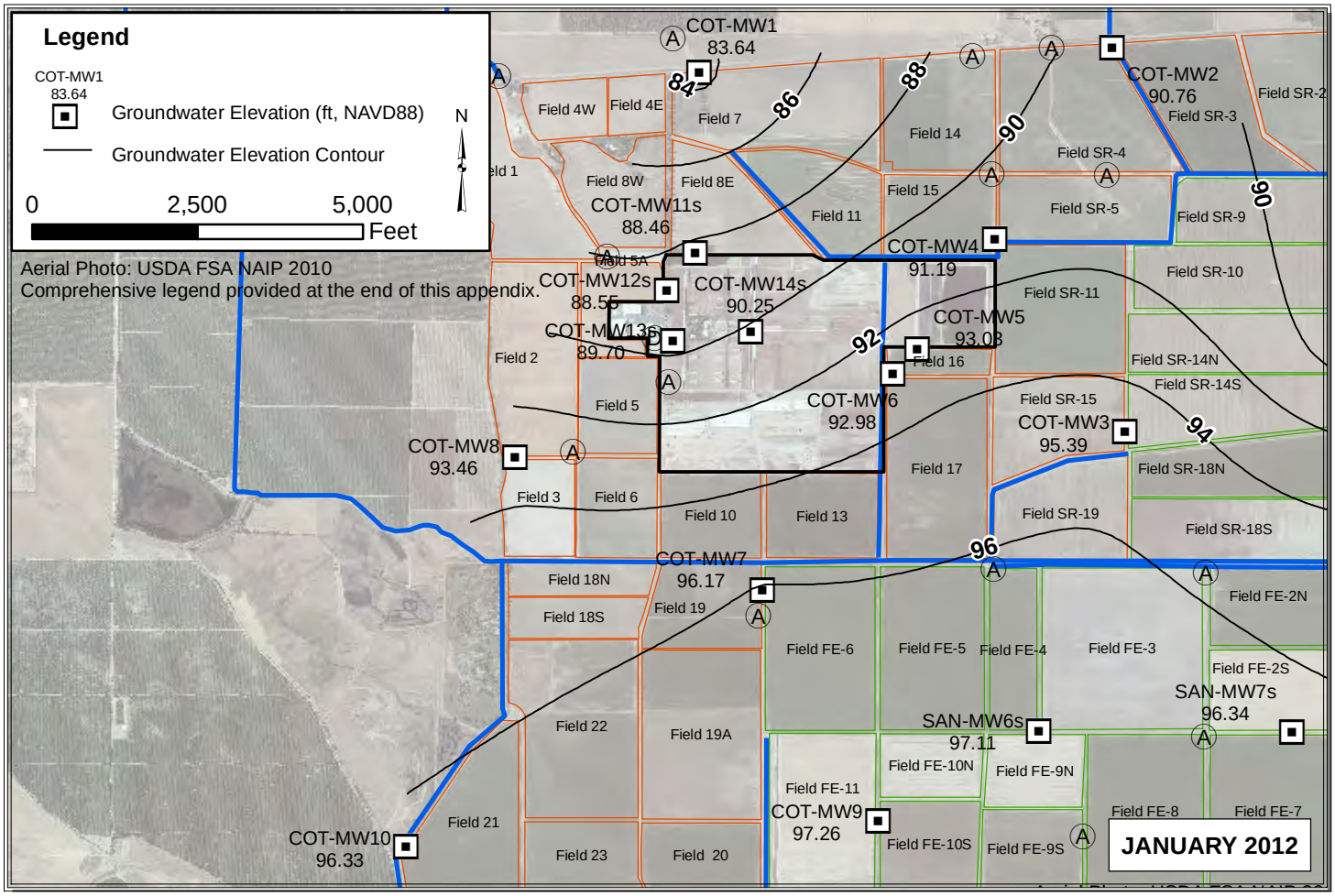
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BEA\BEA_Sep_Oct.mxd

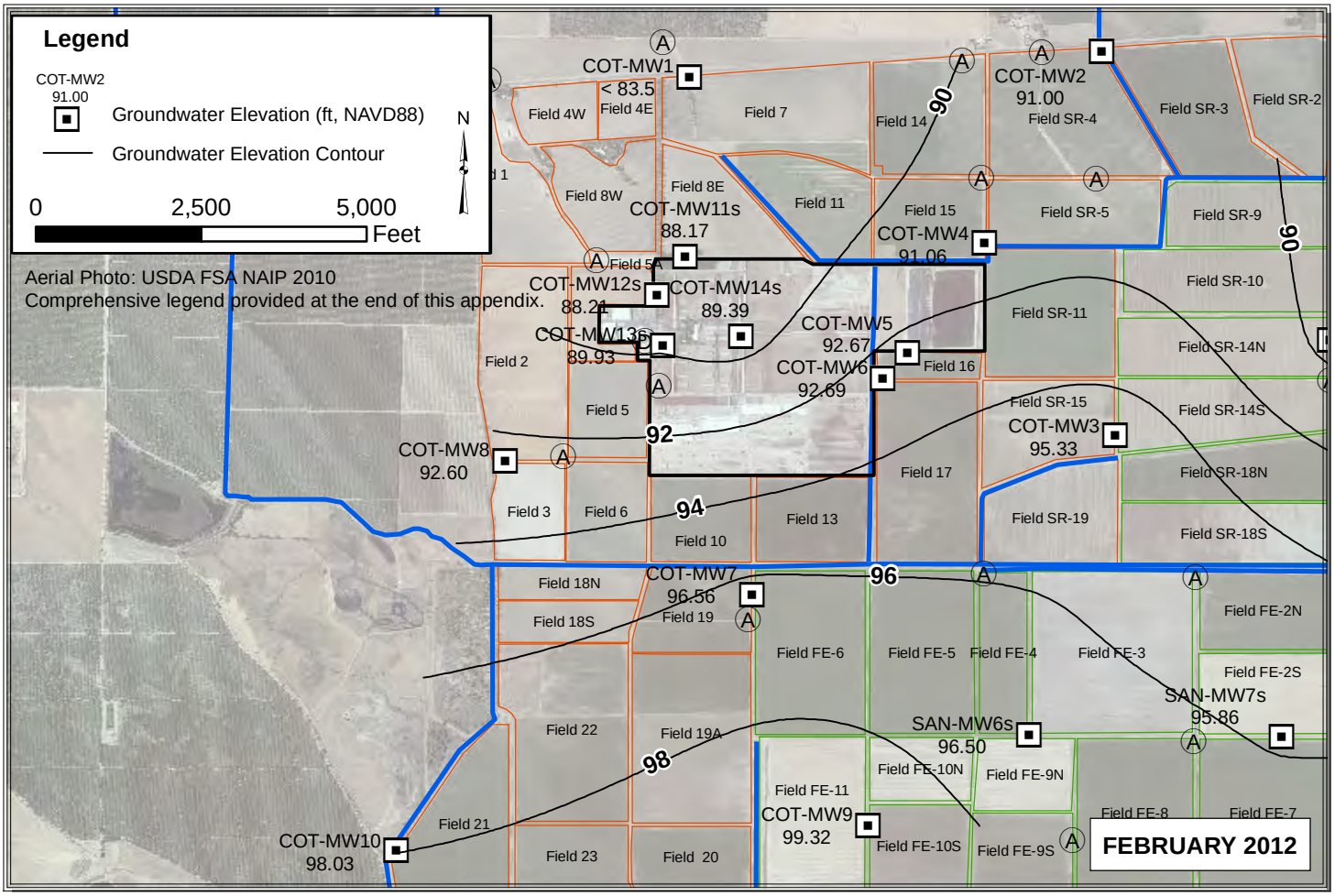




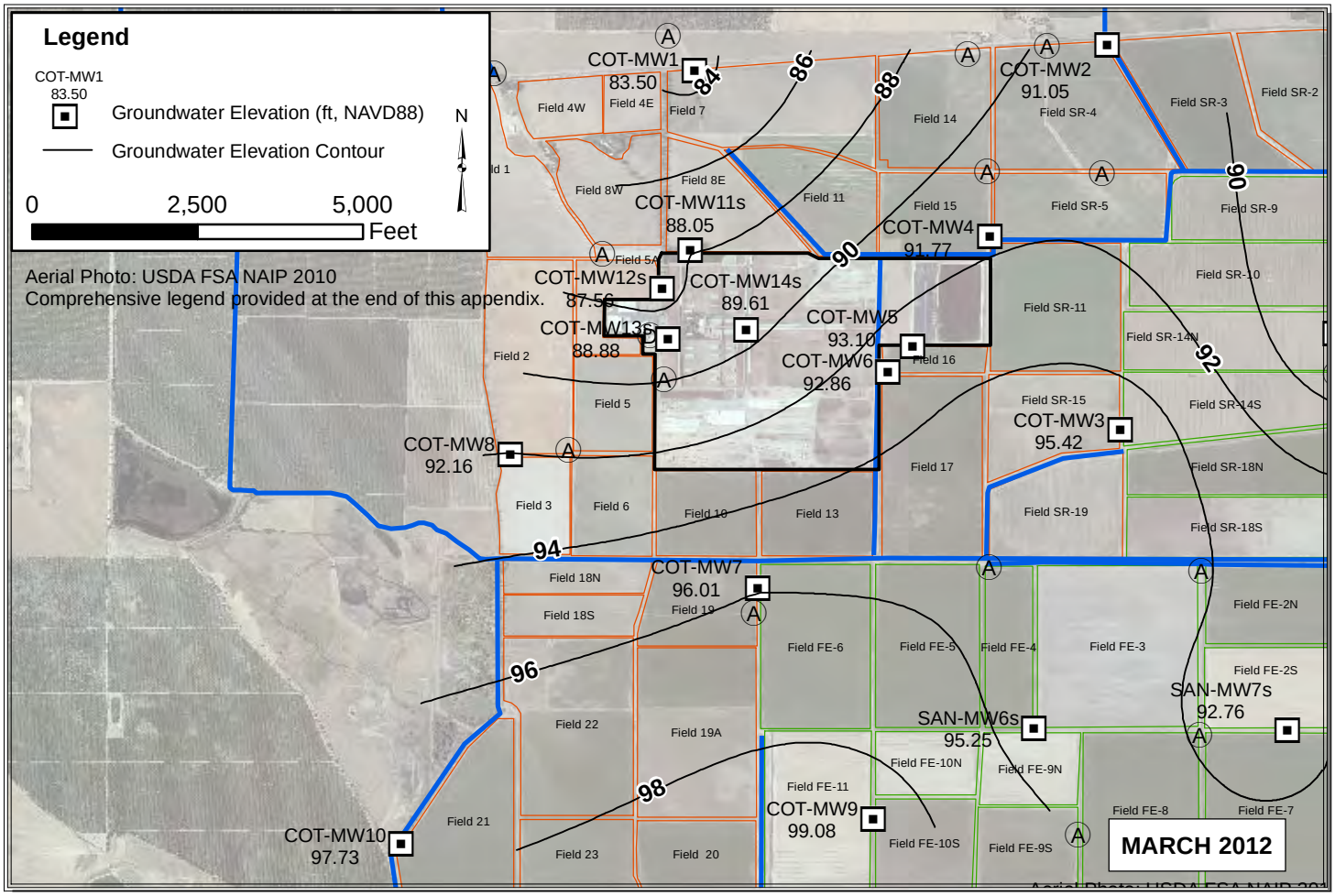
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\BEA\BEA_Dec.mxd

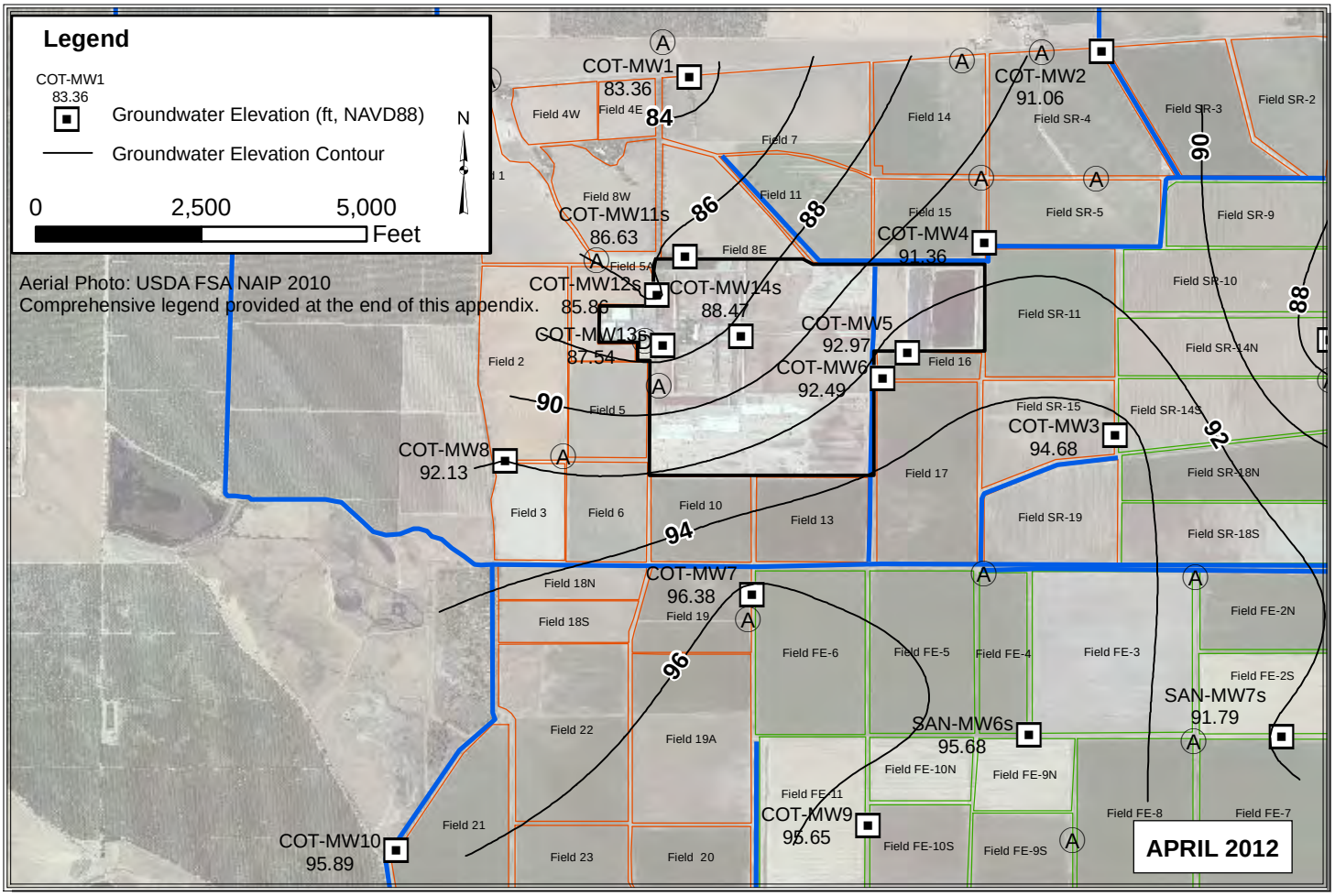
COT



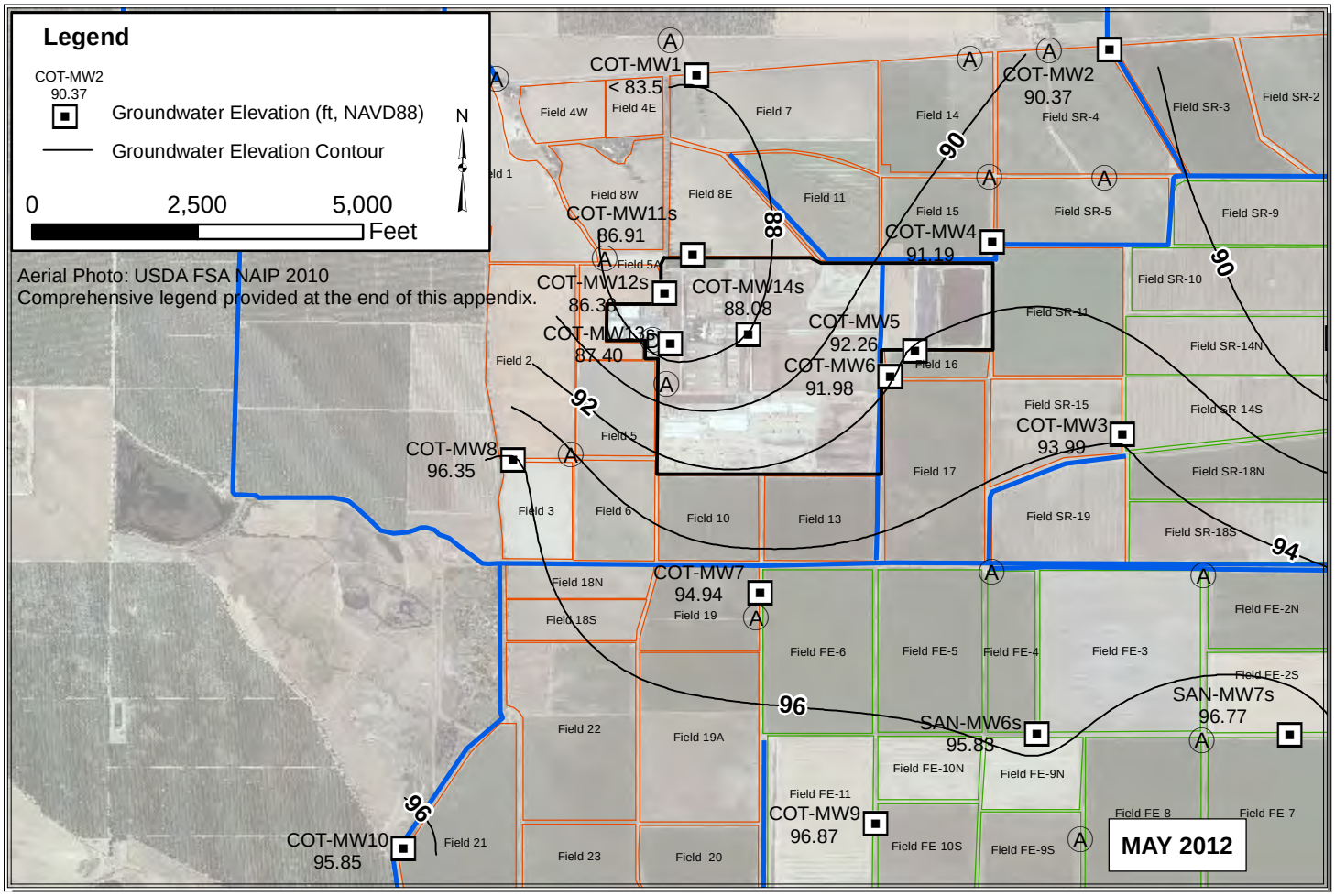


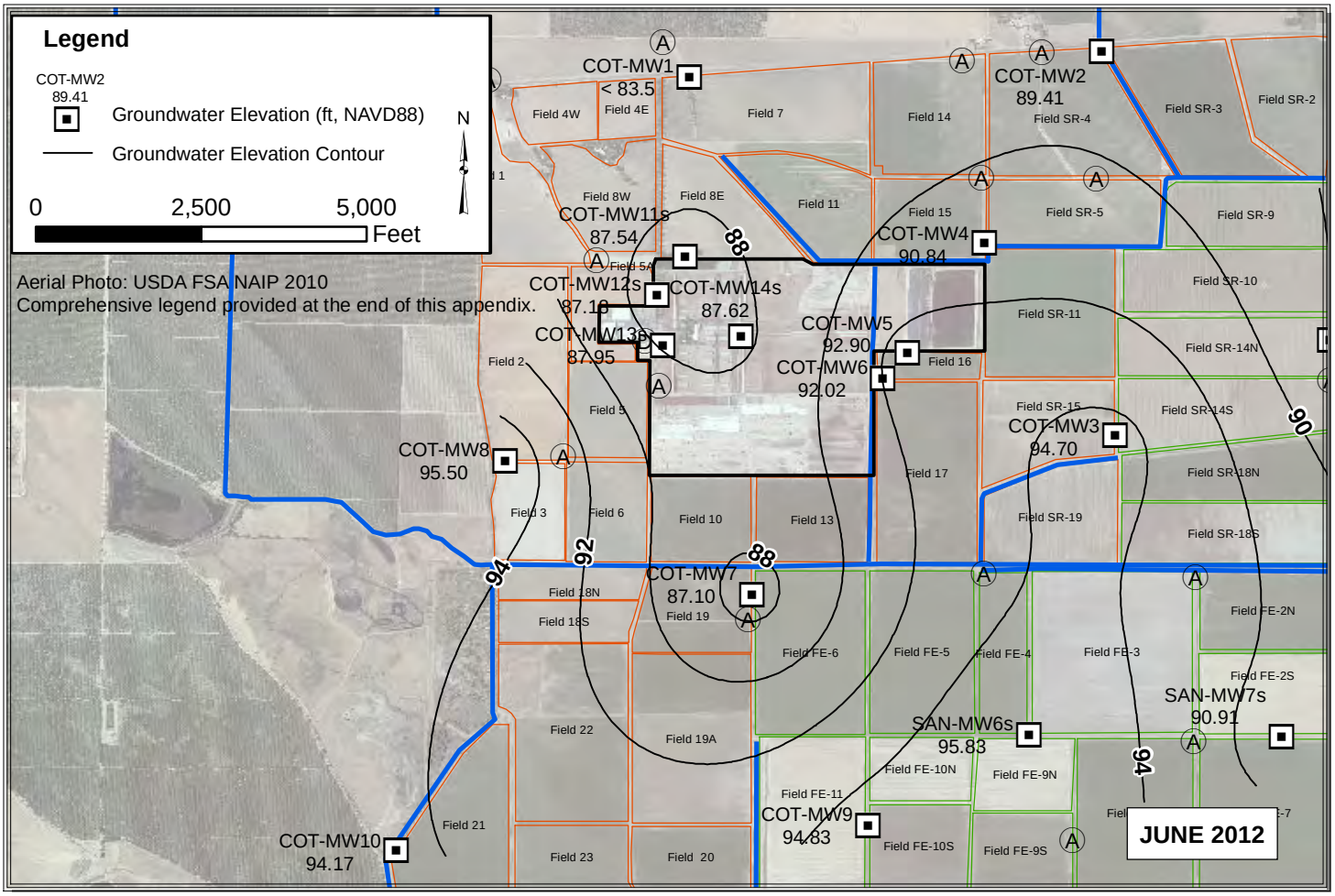
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COT\COT_Jan_Feb.mxd



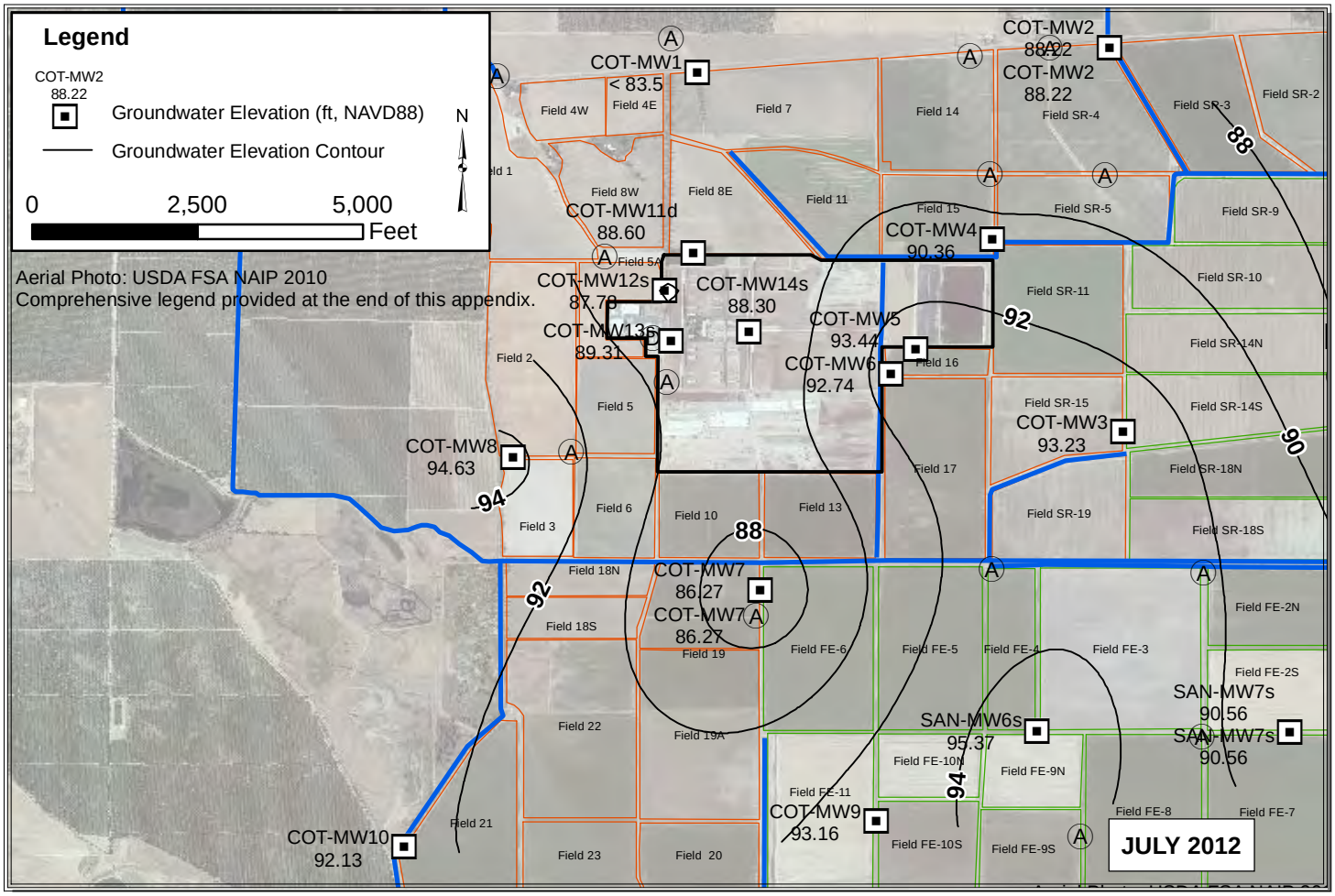


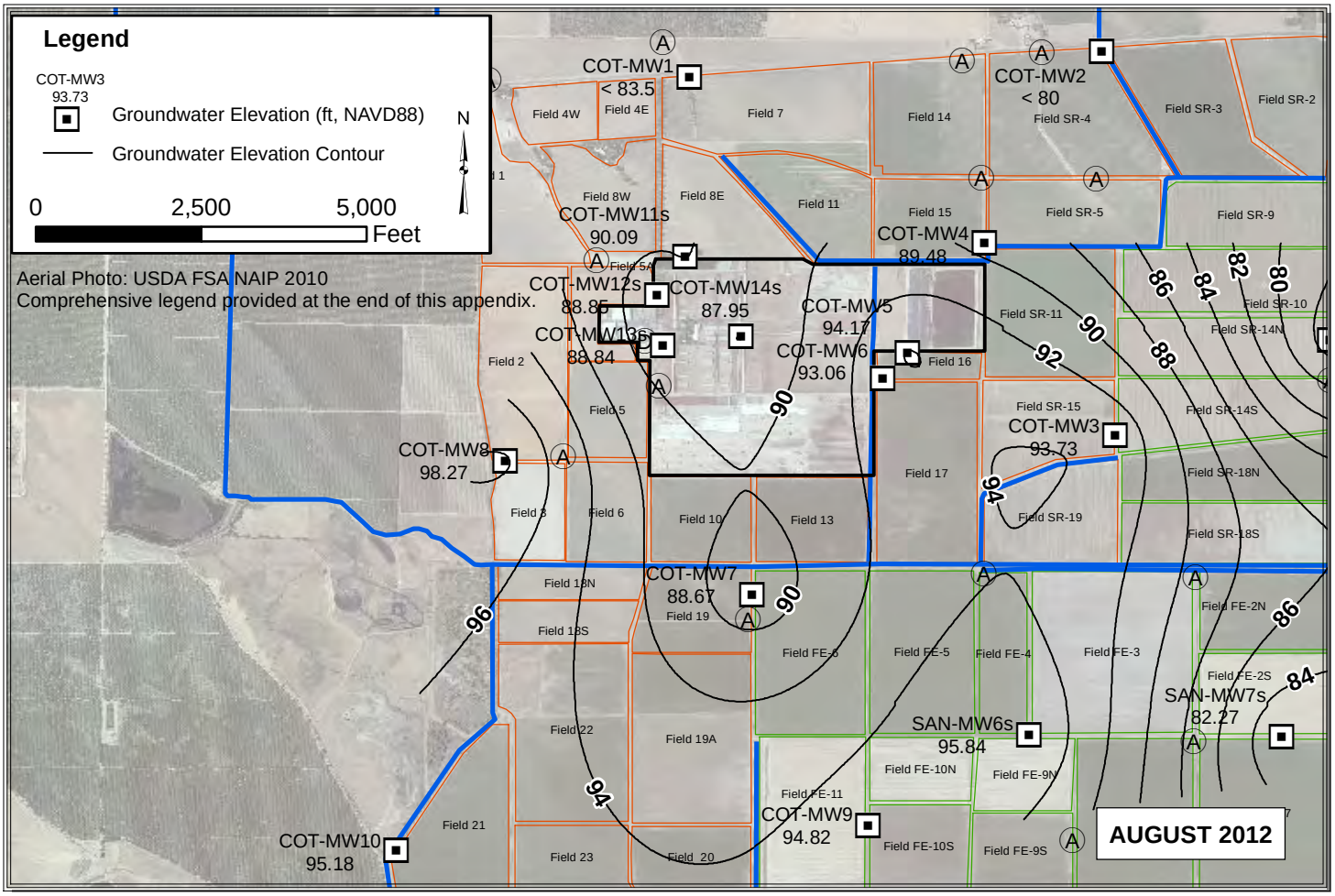
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COT\COT_Mar_Apr.mxd



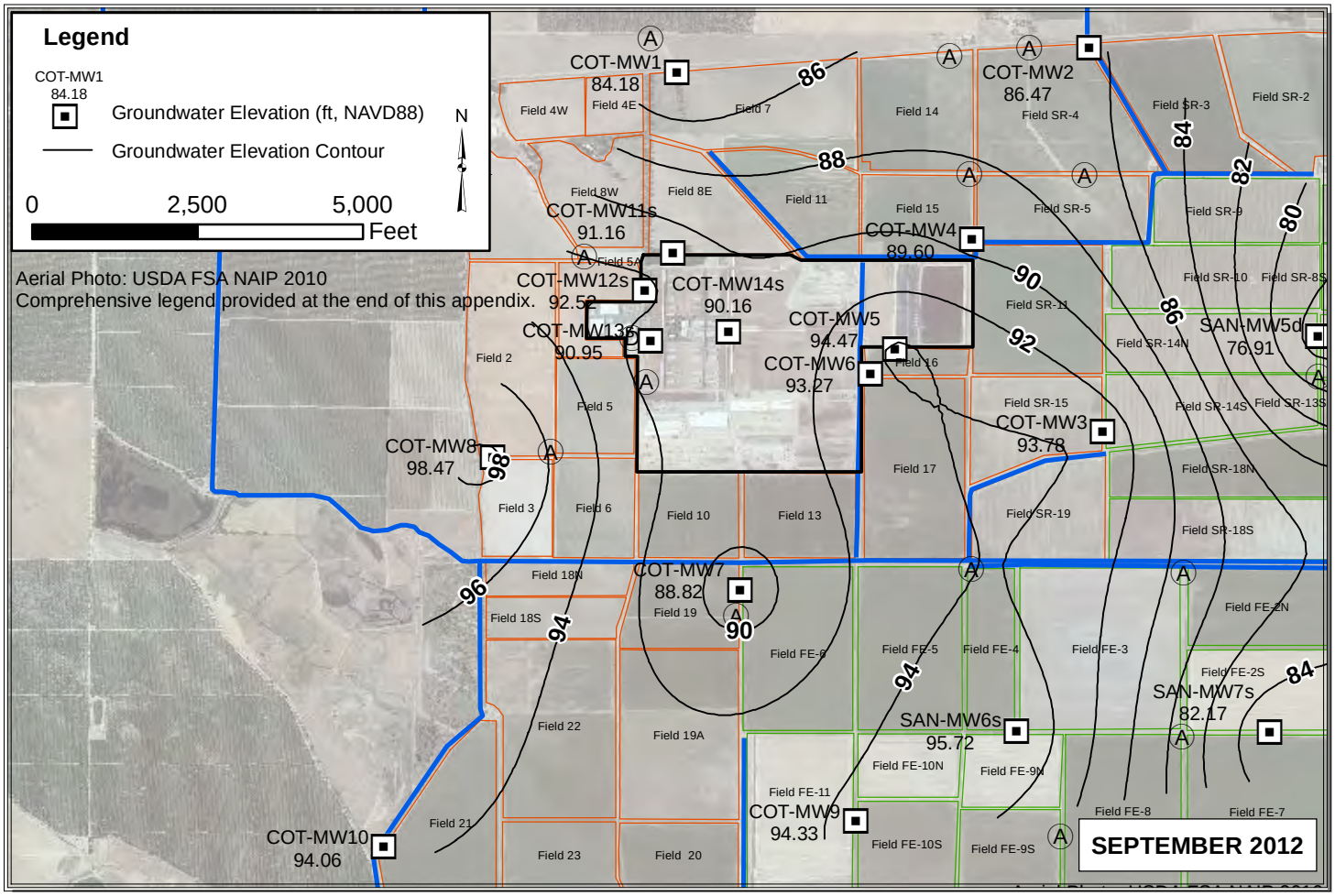


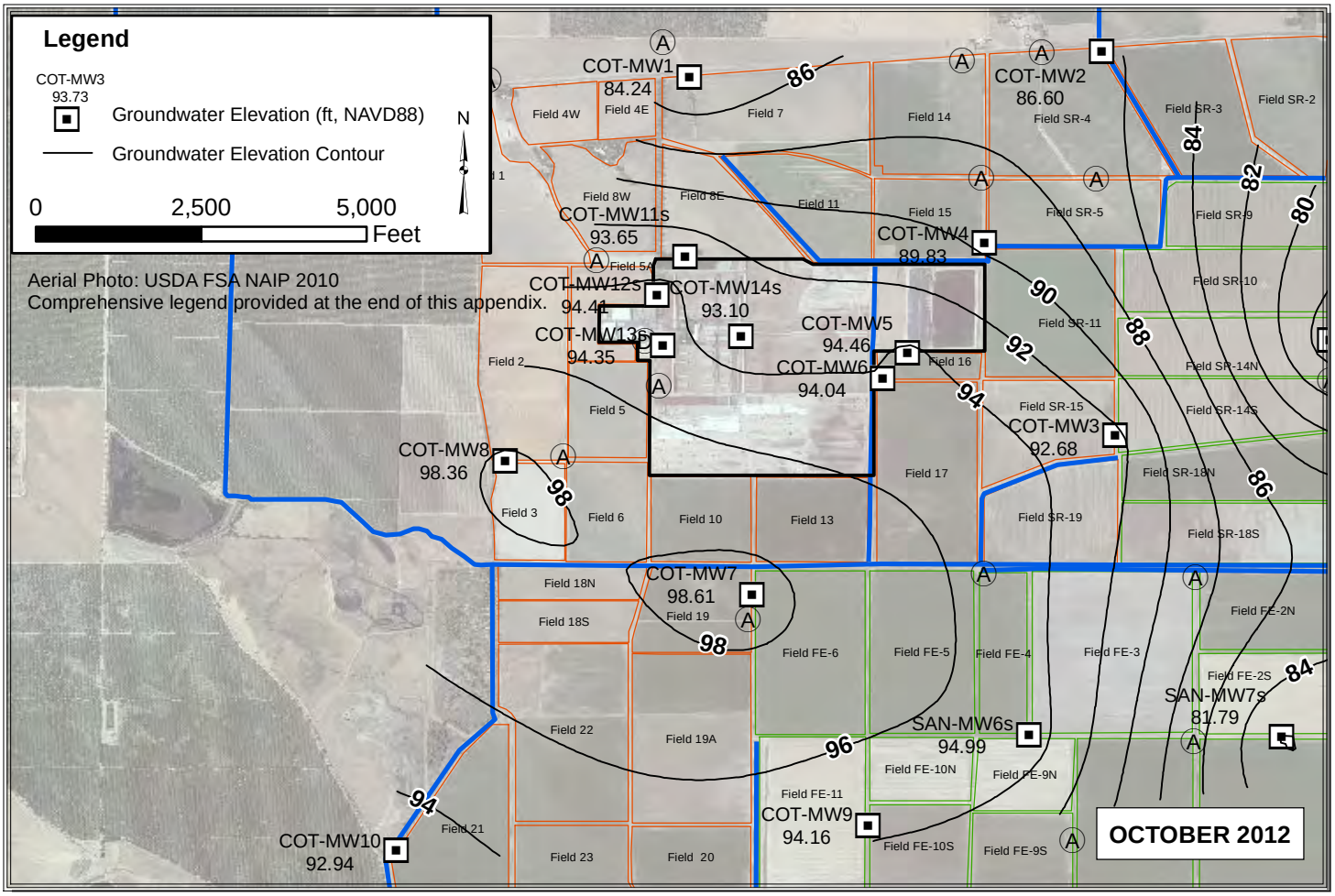
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COT\COT_May_Jun.mxd



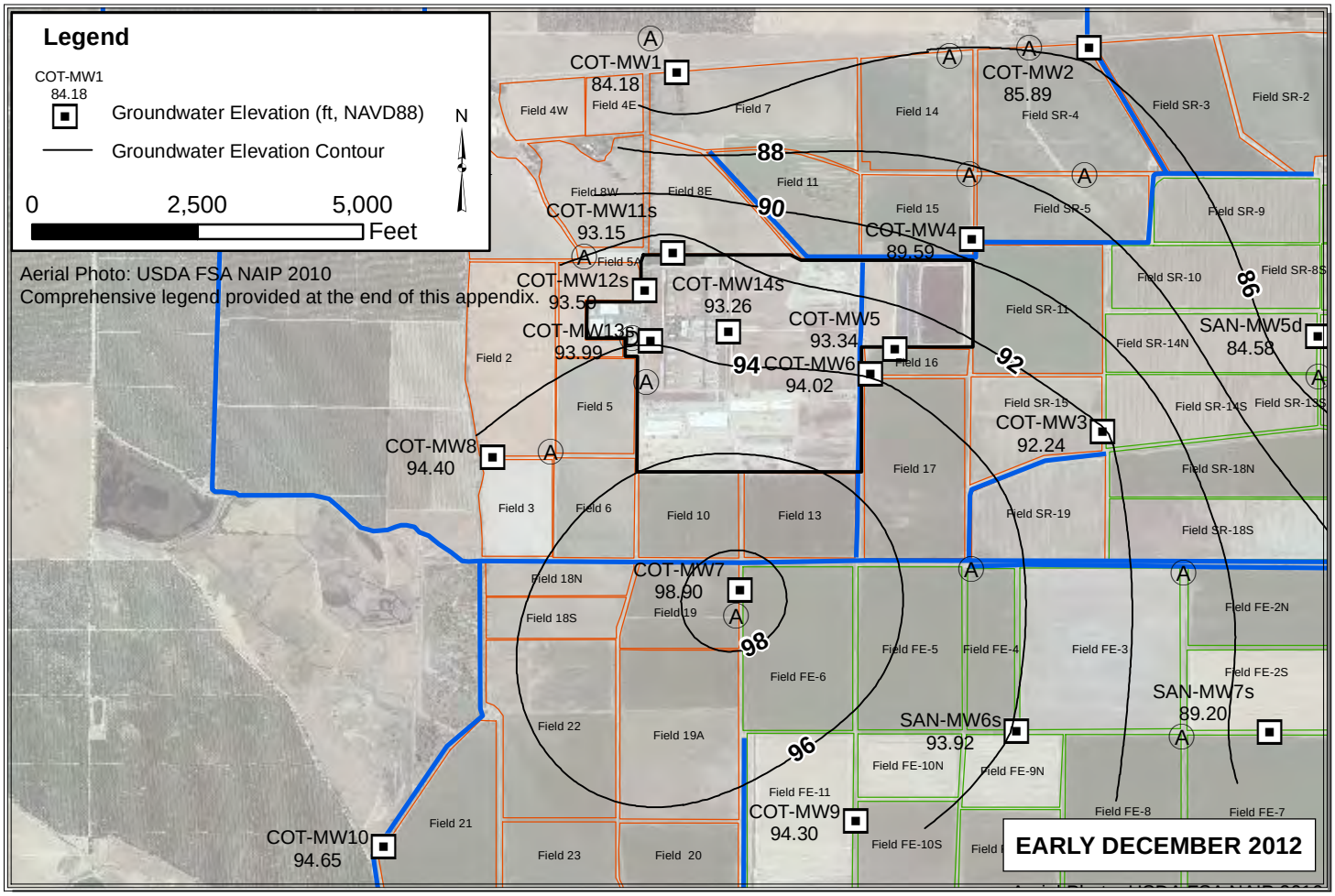


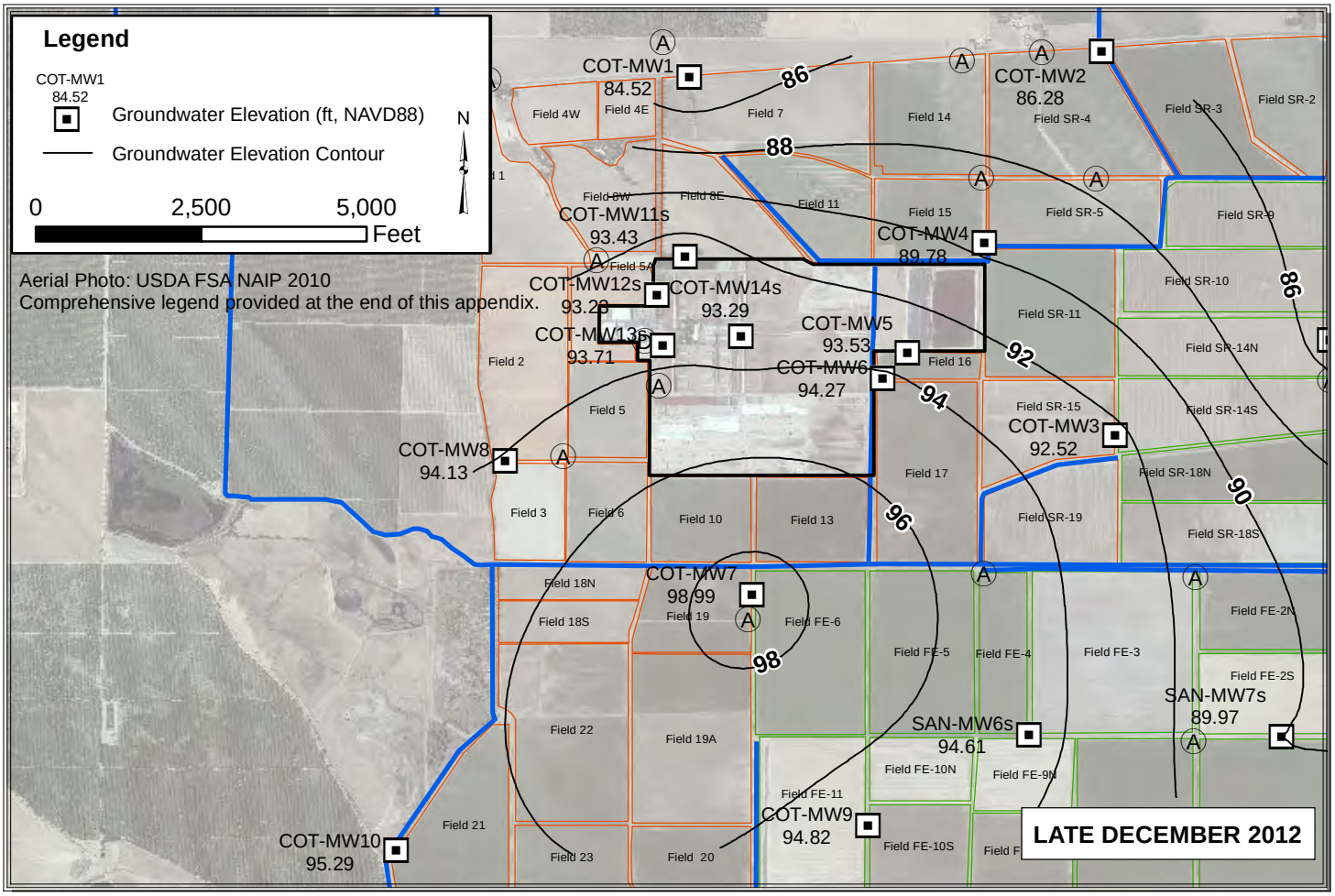
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COT\COT_Jul_Aug.mxd





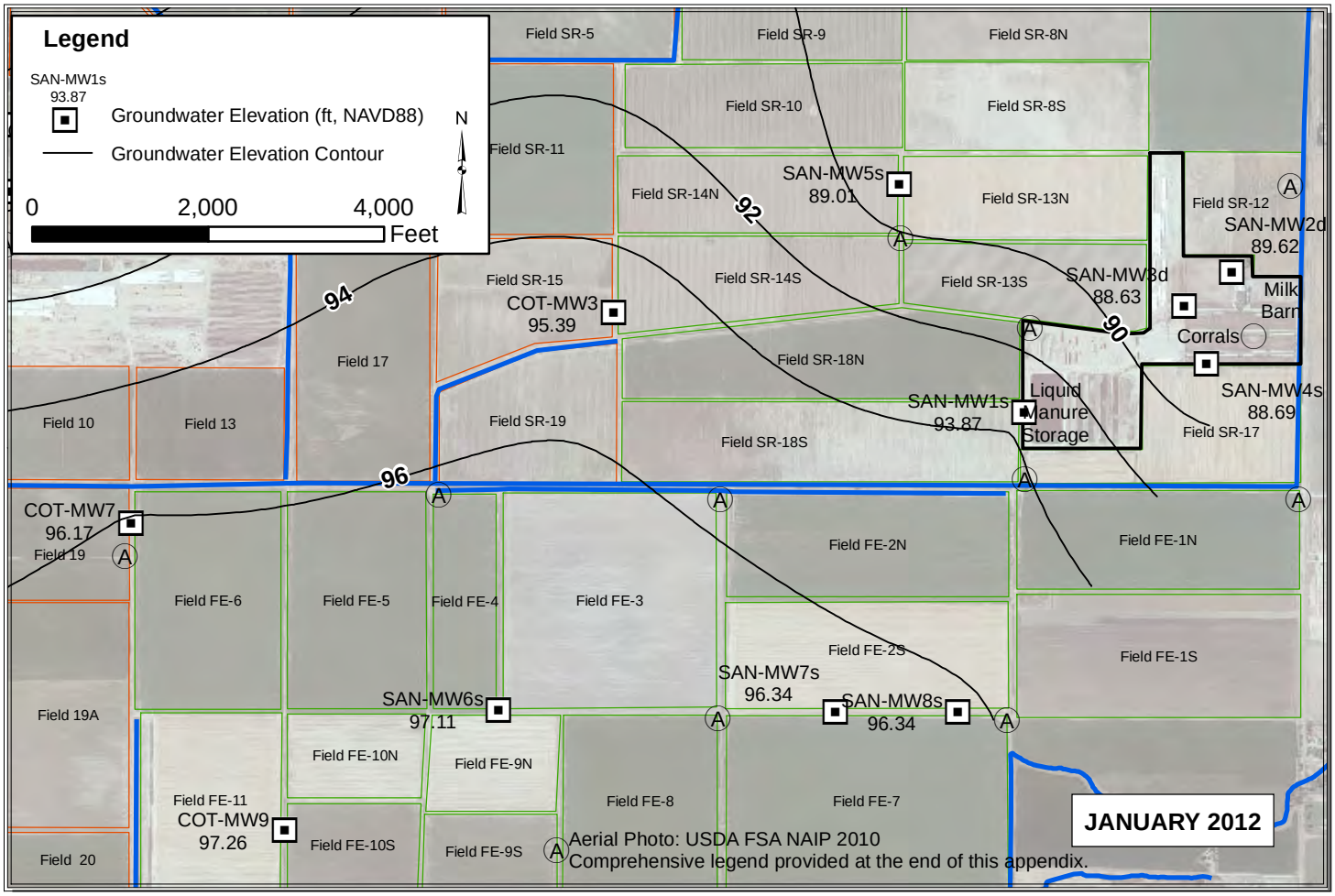
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COT\COT_Sep_Oct.mxd

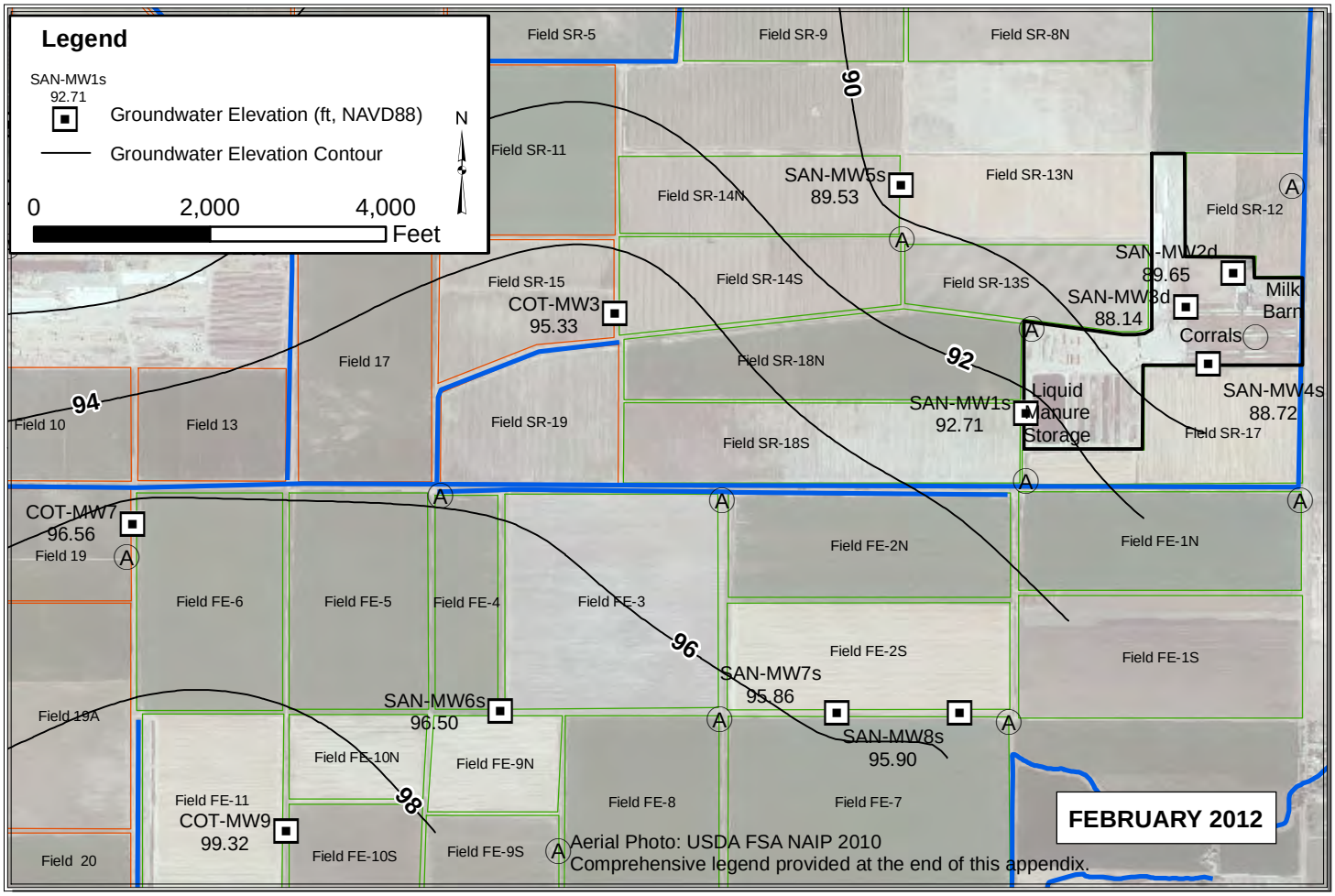




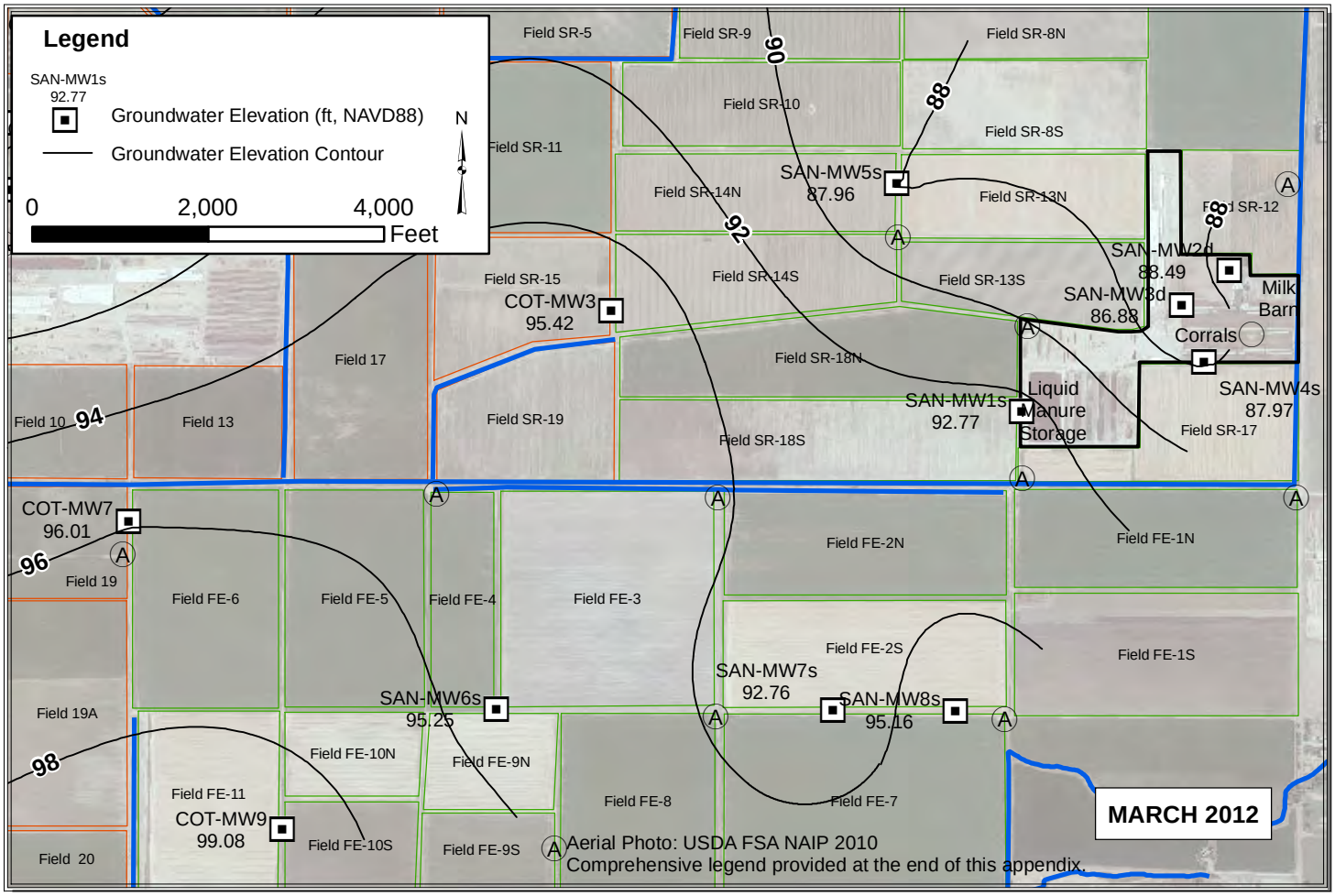
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COT\COT_Dec.mxd

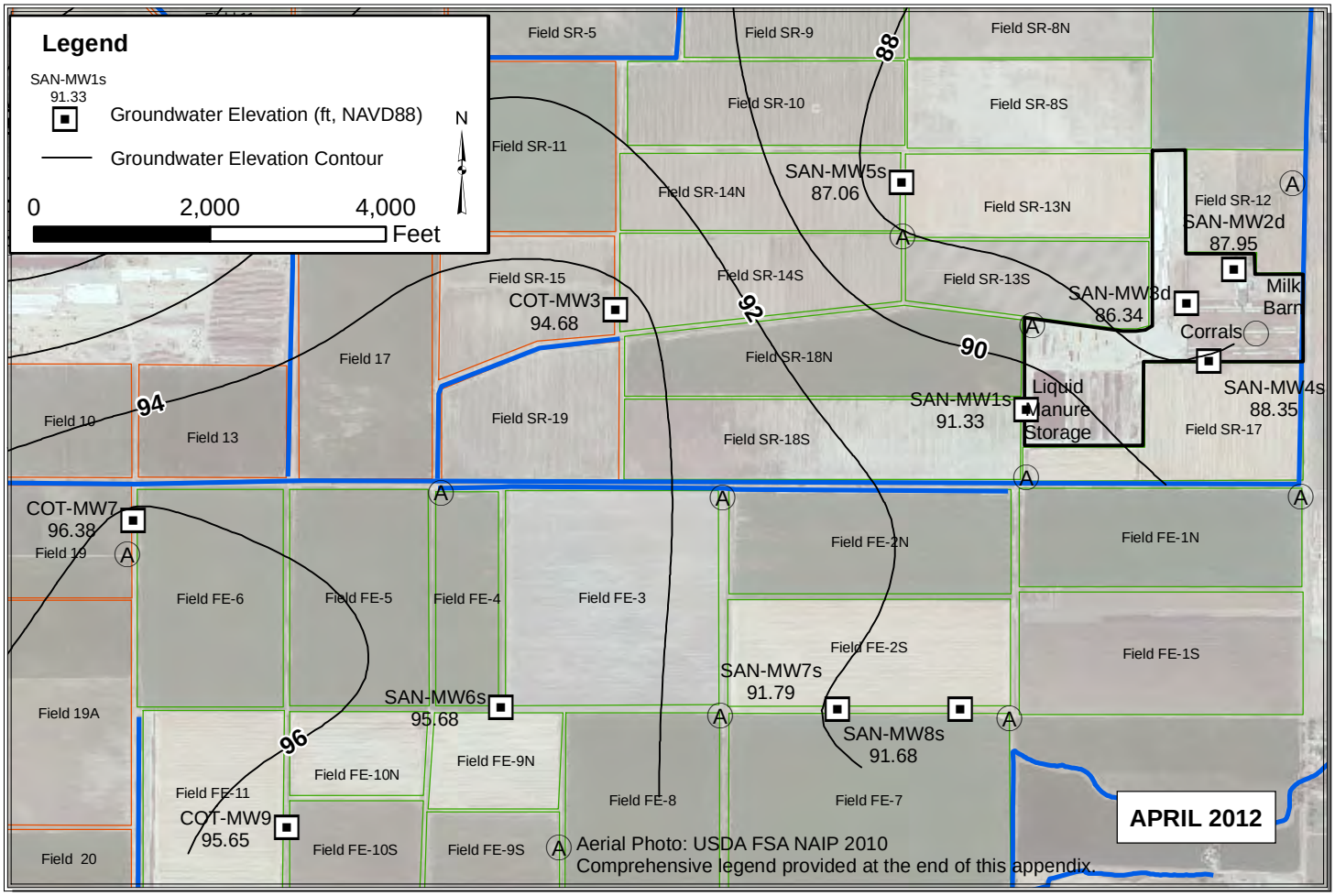
SAN



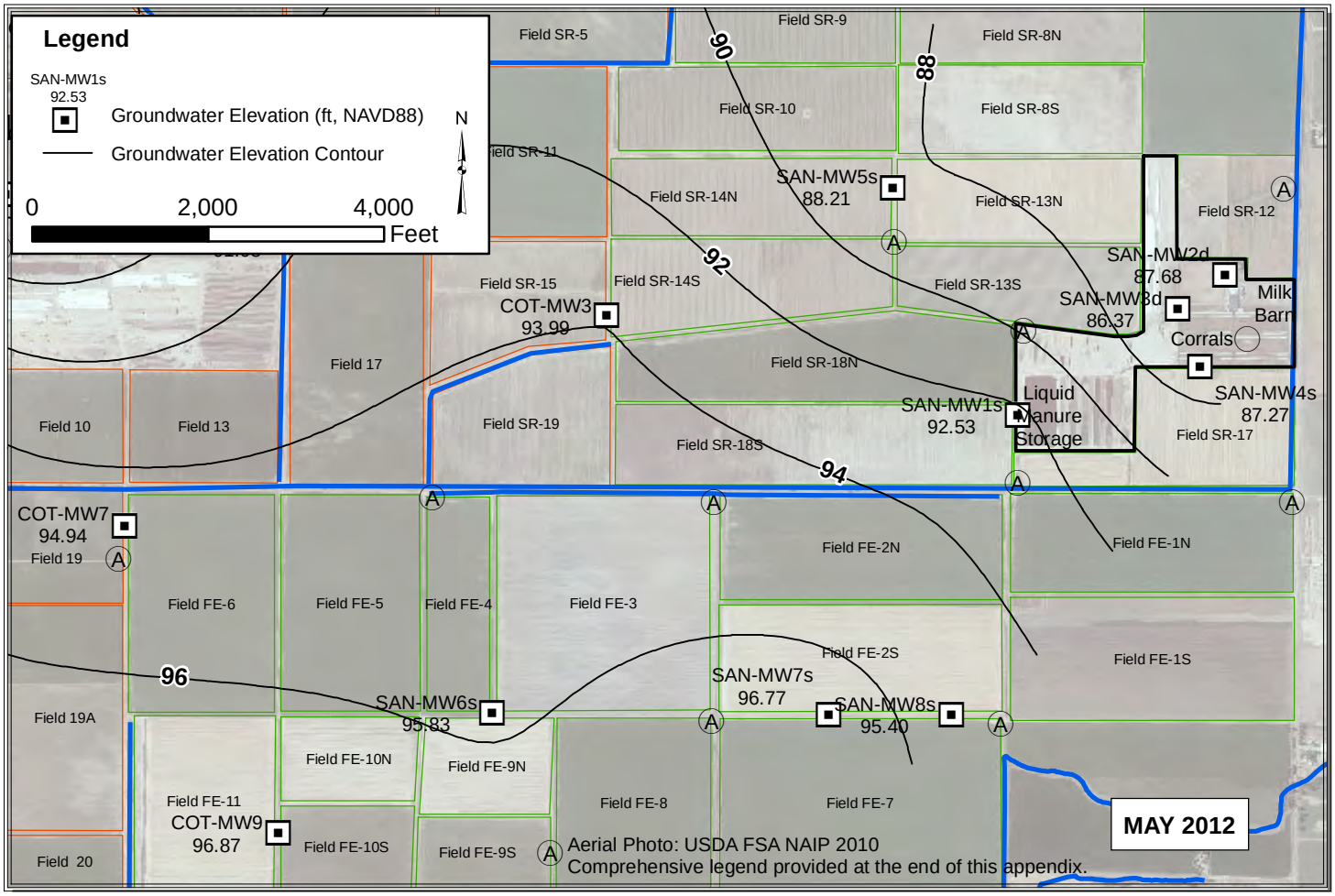


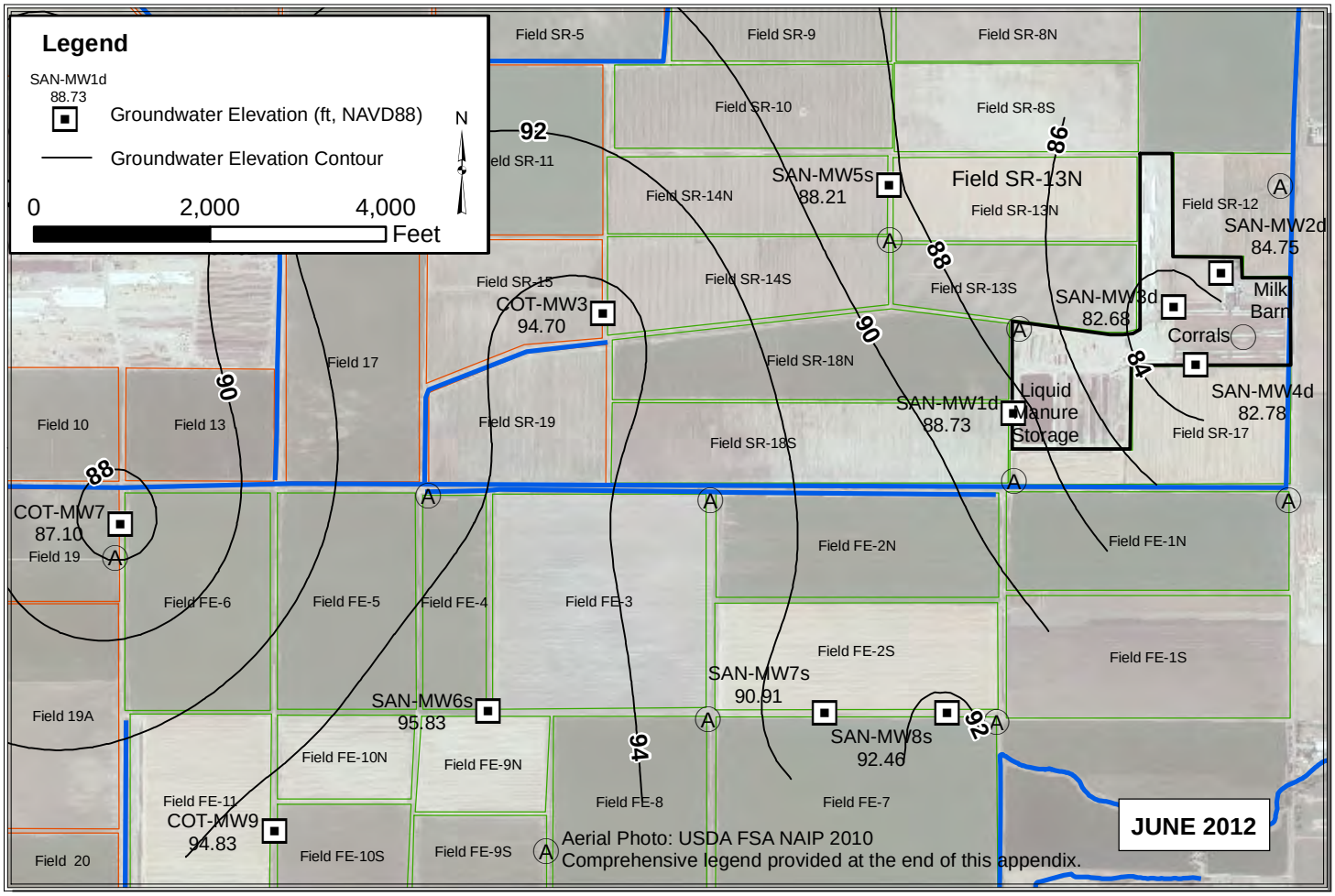
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\SAN\SAN_Jan_Feb.mxd



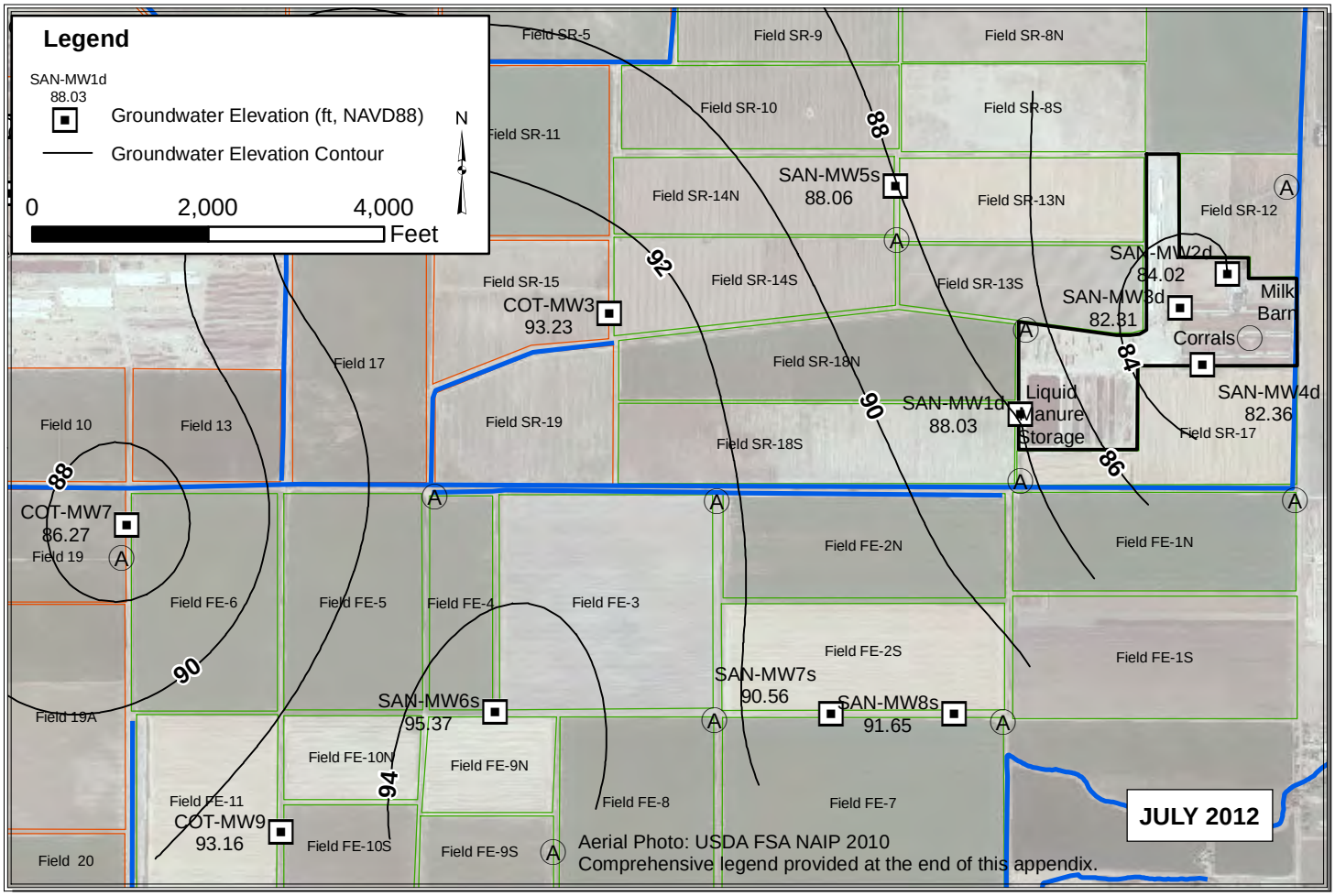


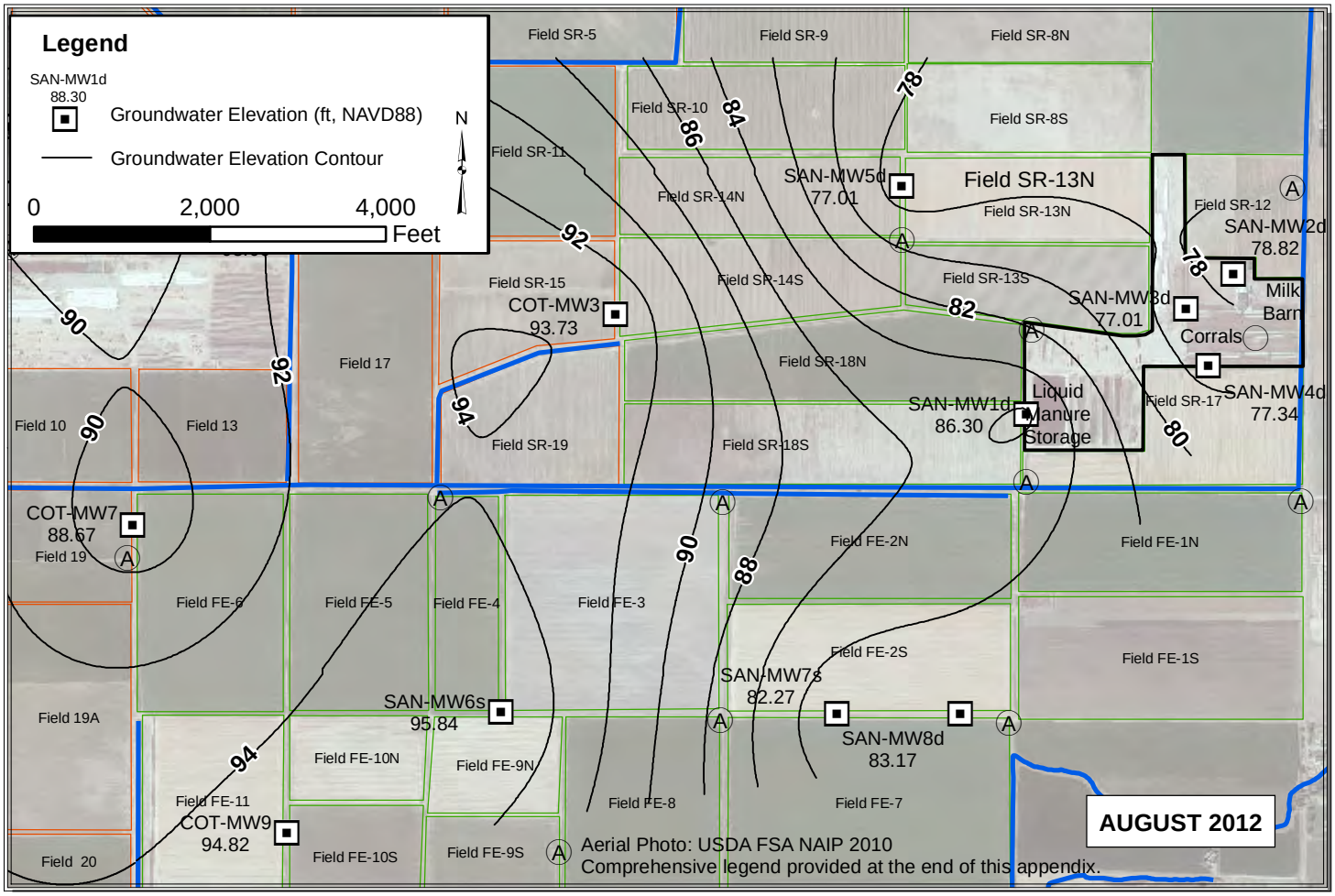
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\SAN\SAN_Mar_Apr.mxd



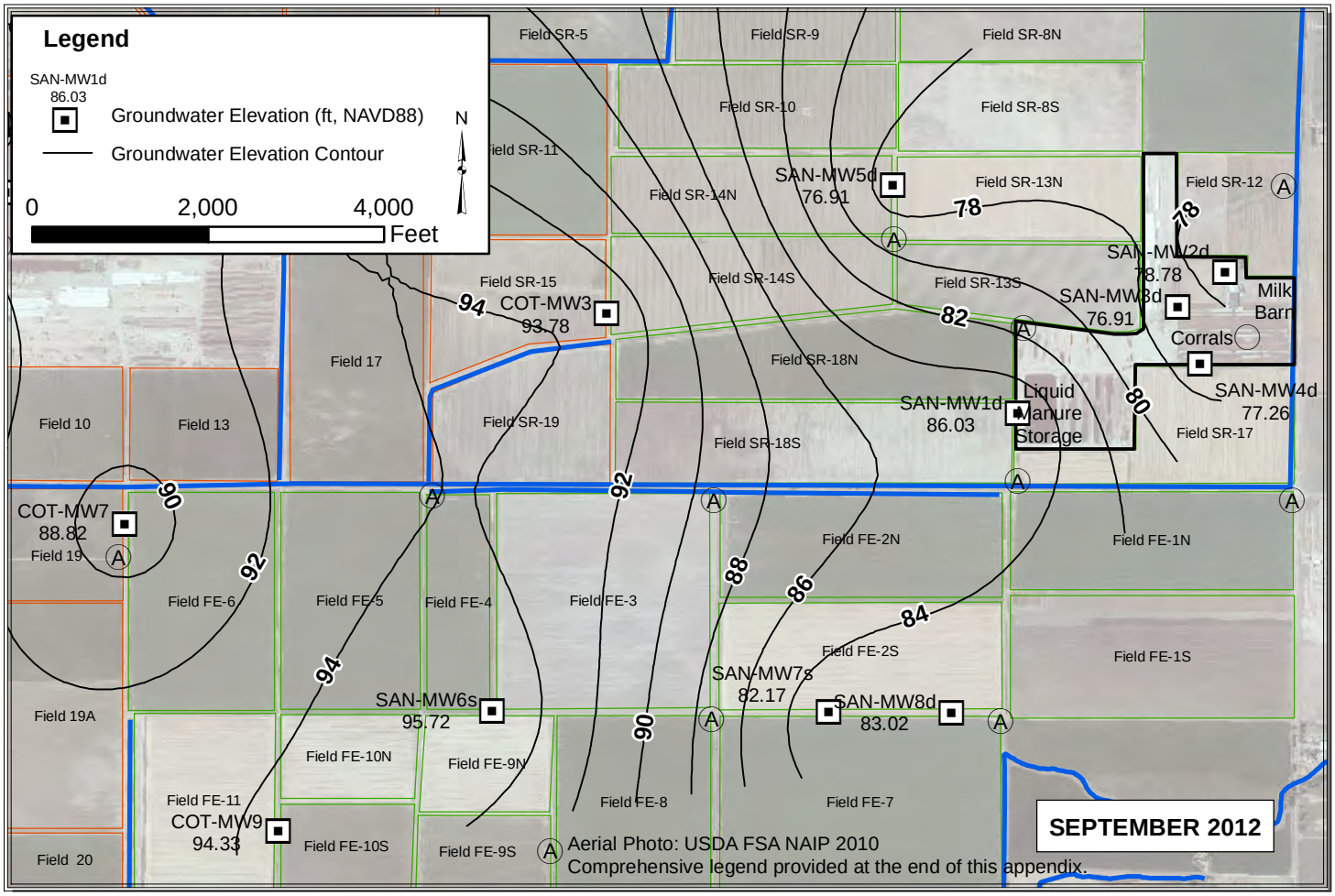


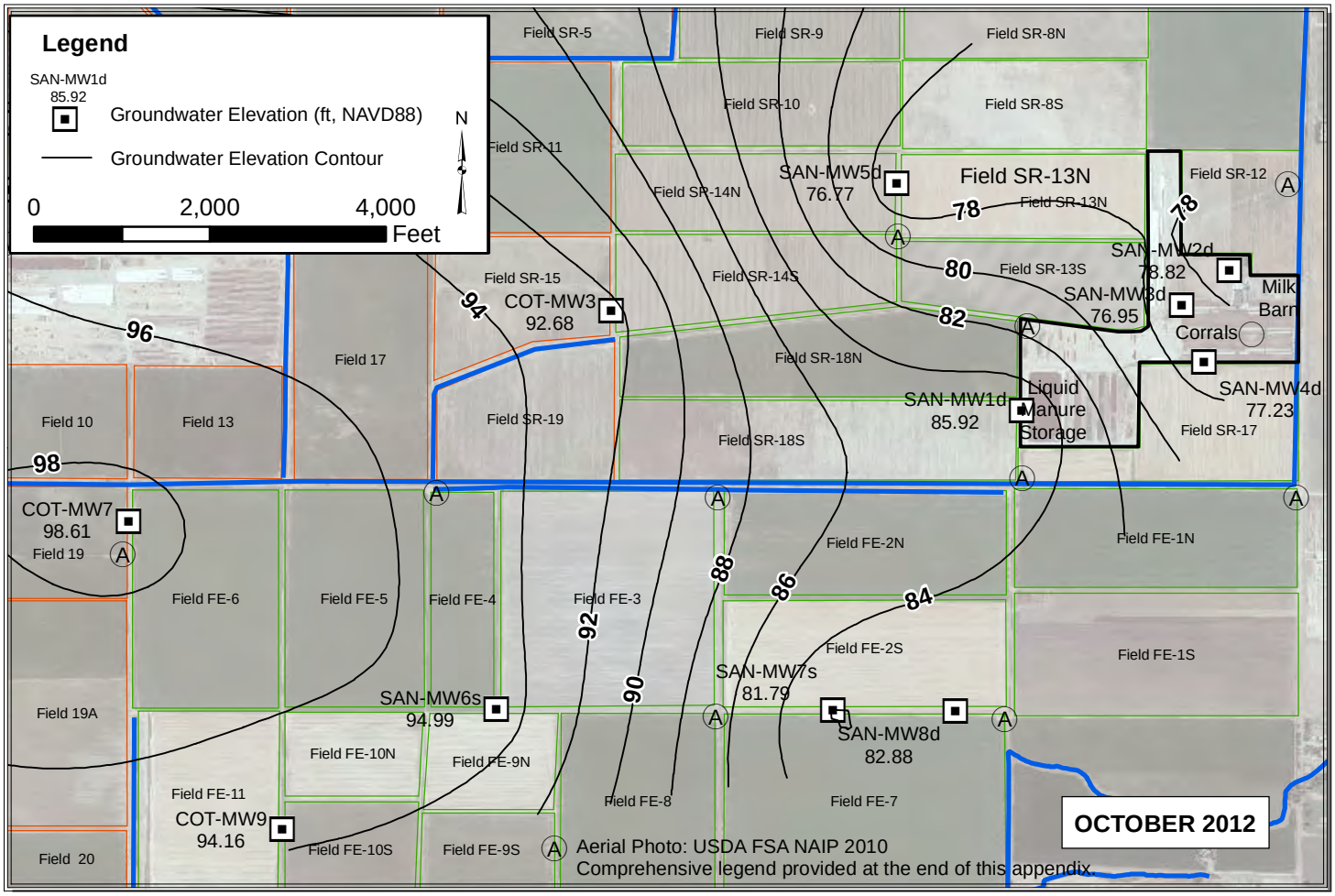
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\SAN\SAN_May_June.mxd



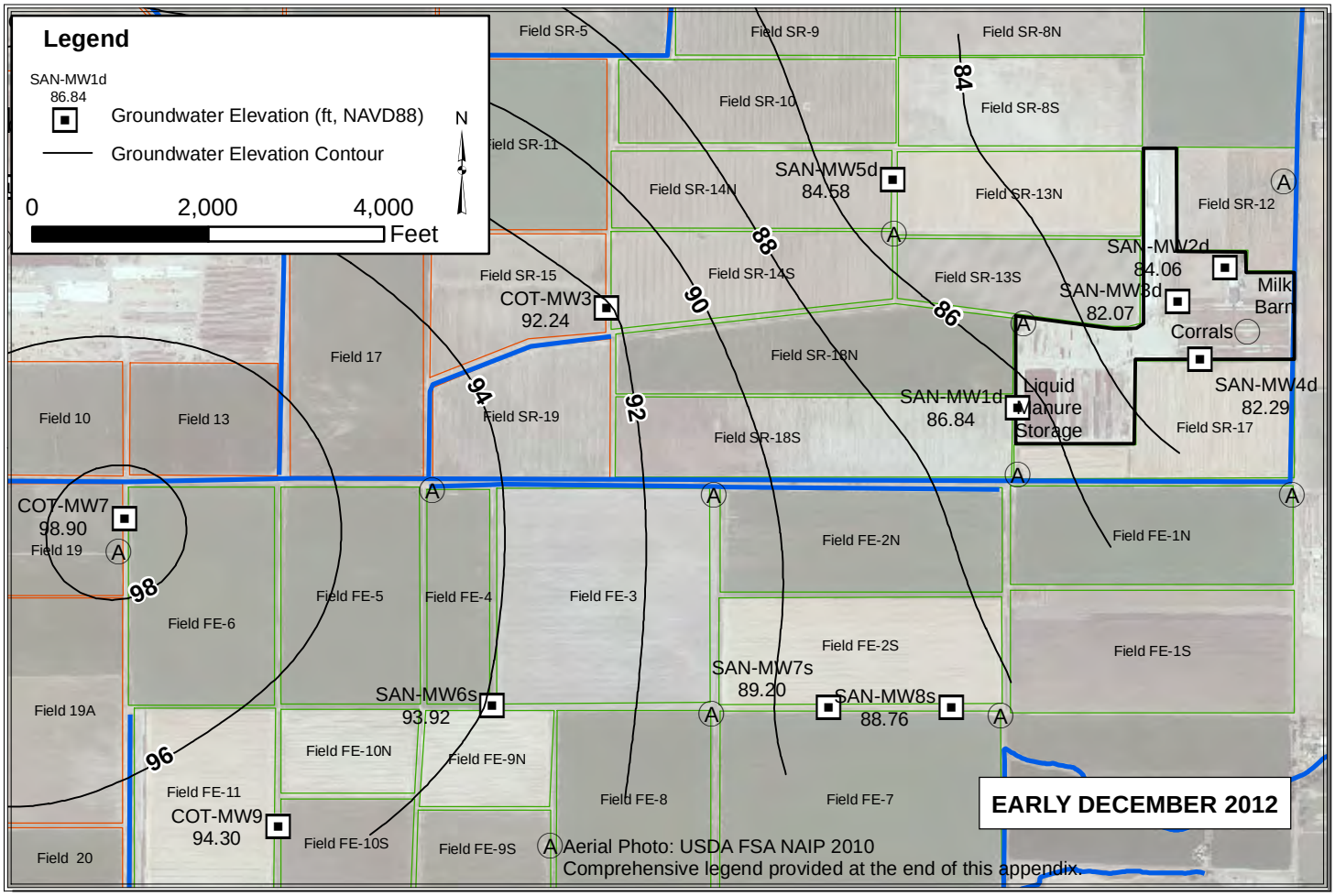


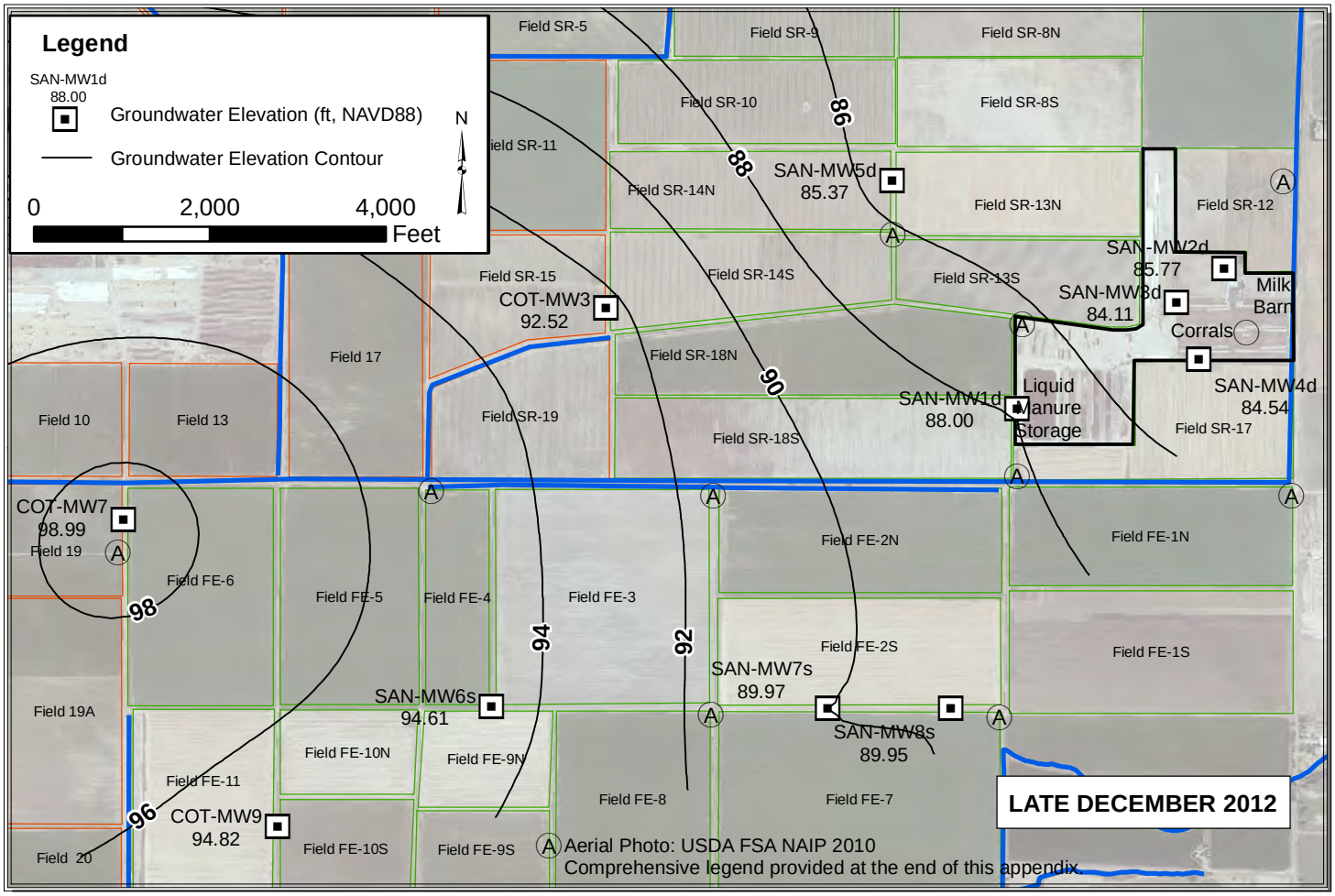
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\SAN\SAN_July_Aug.mxd





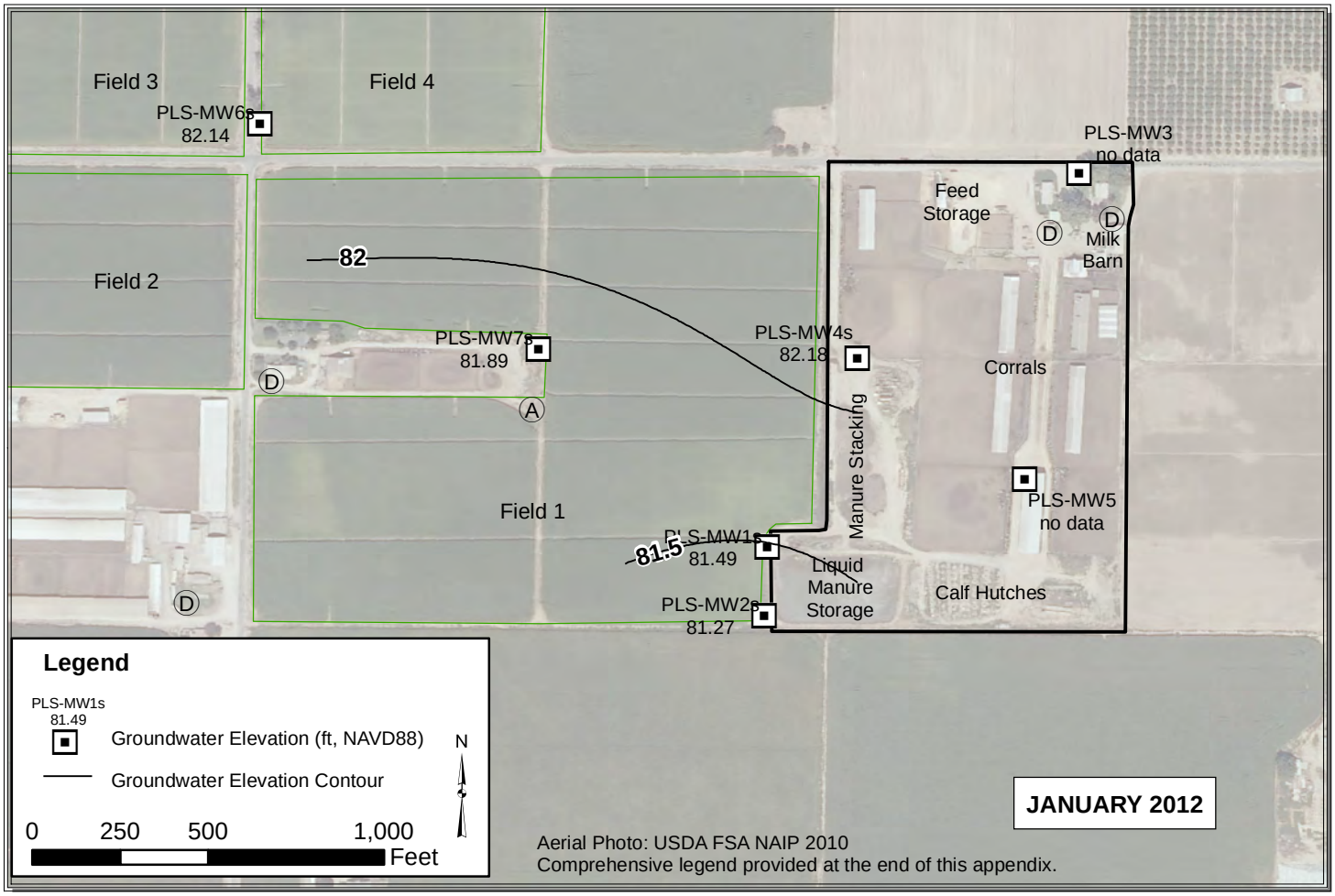
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\SAN\SAN_Sep_Oct.mxd

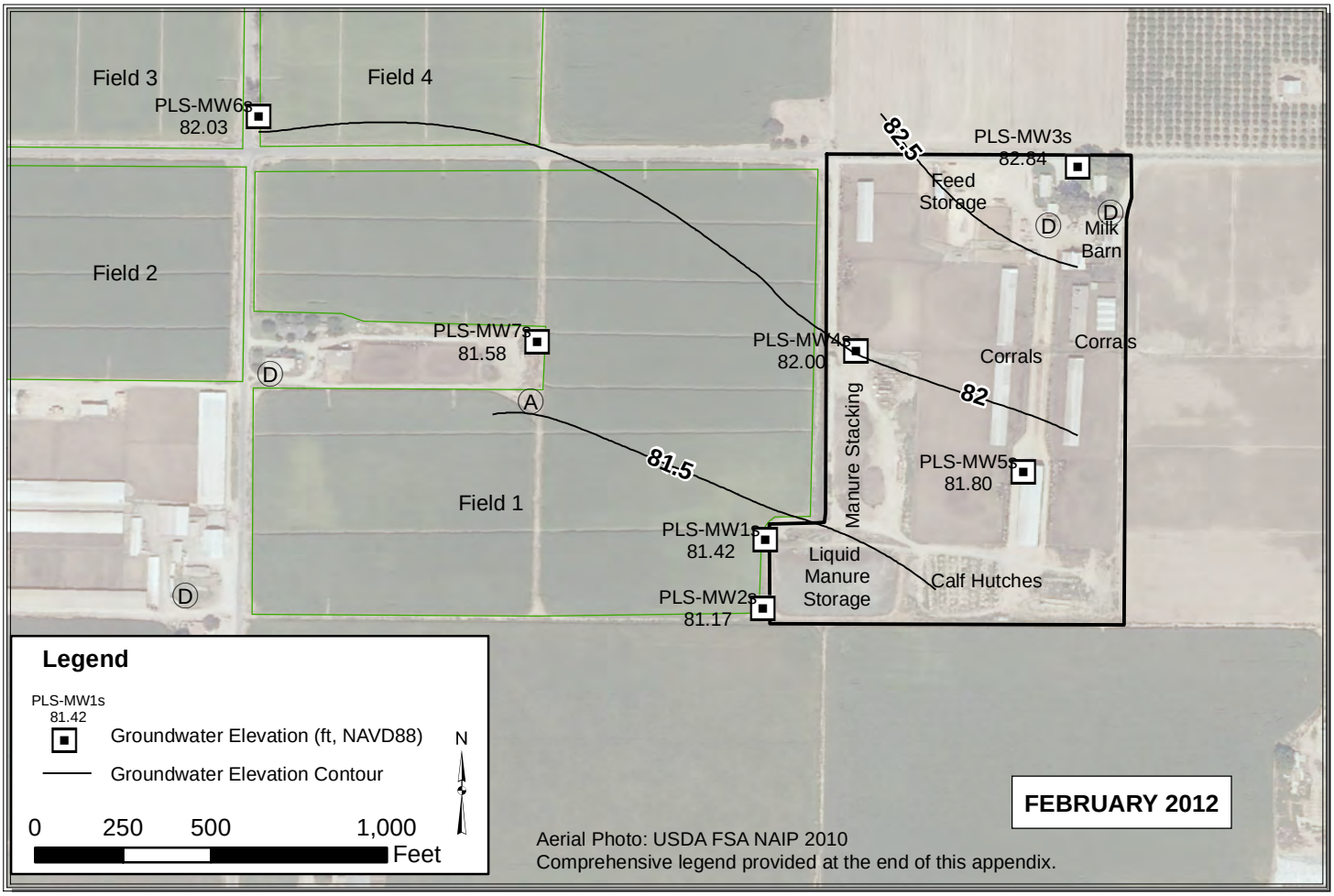




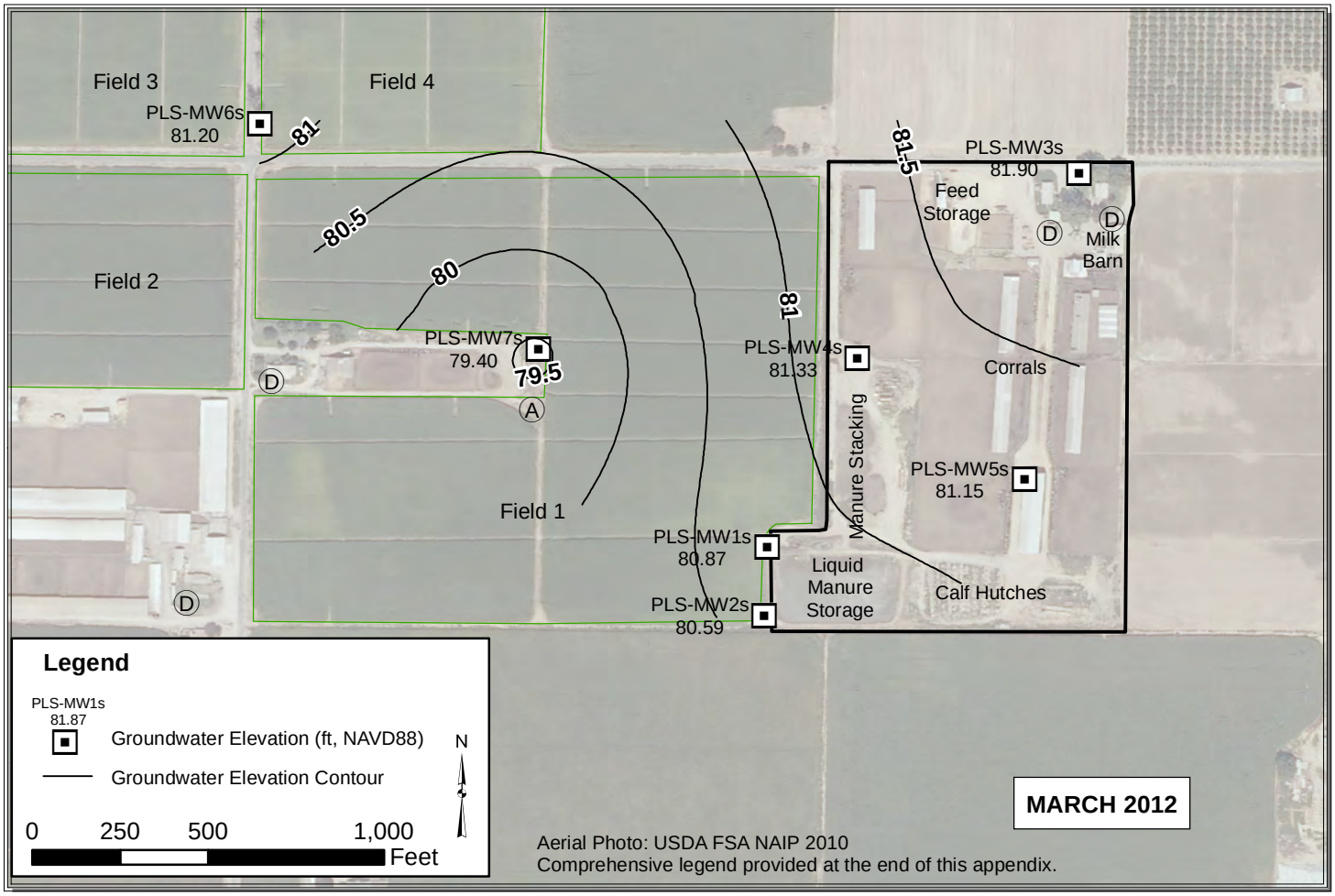
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\SAN\SAN_Dec.mxd

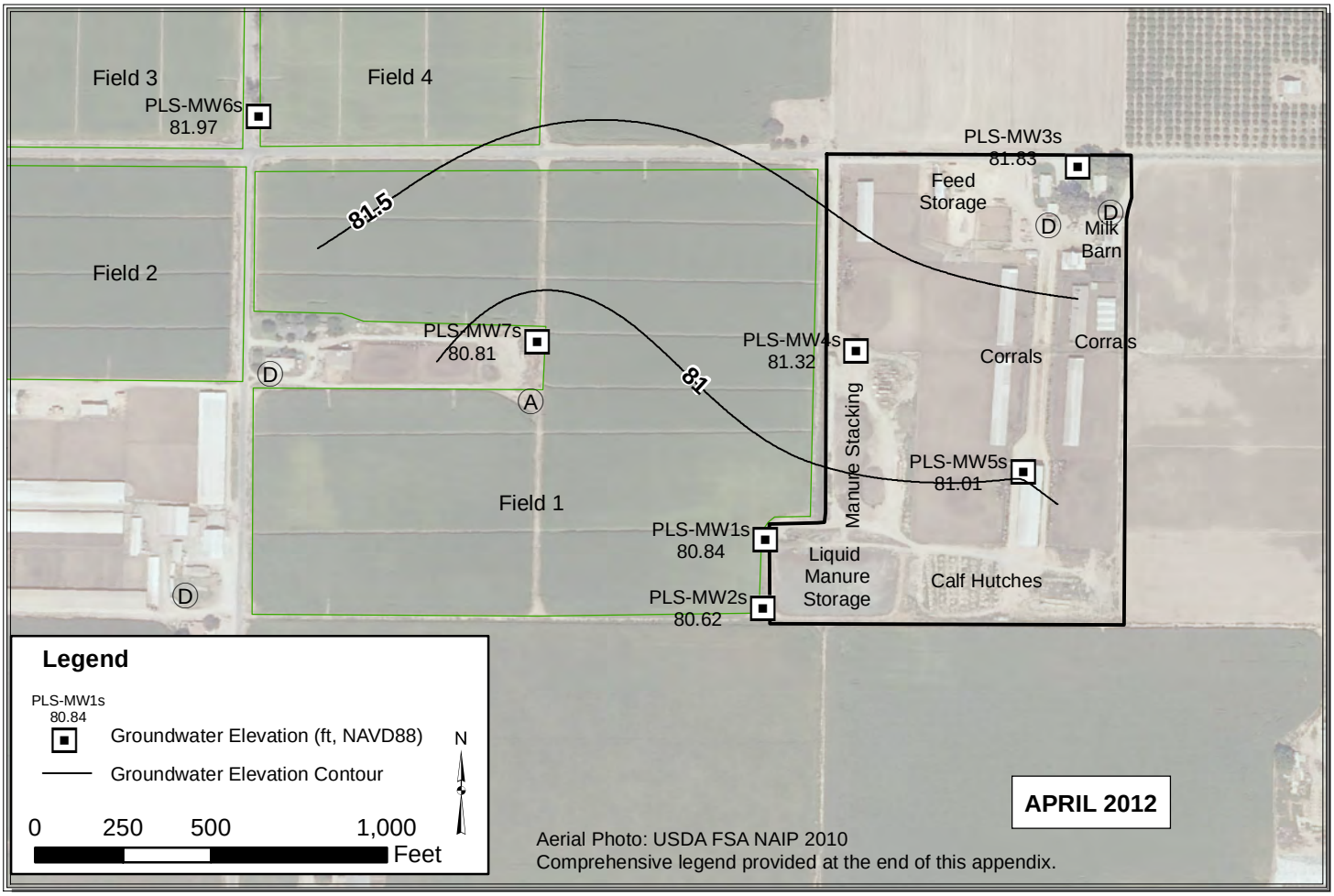
PLS



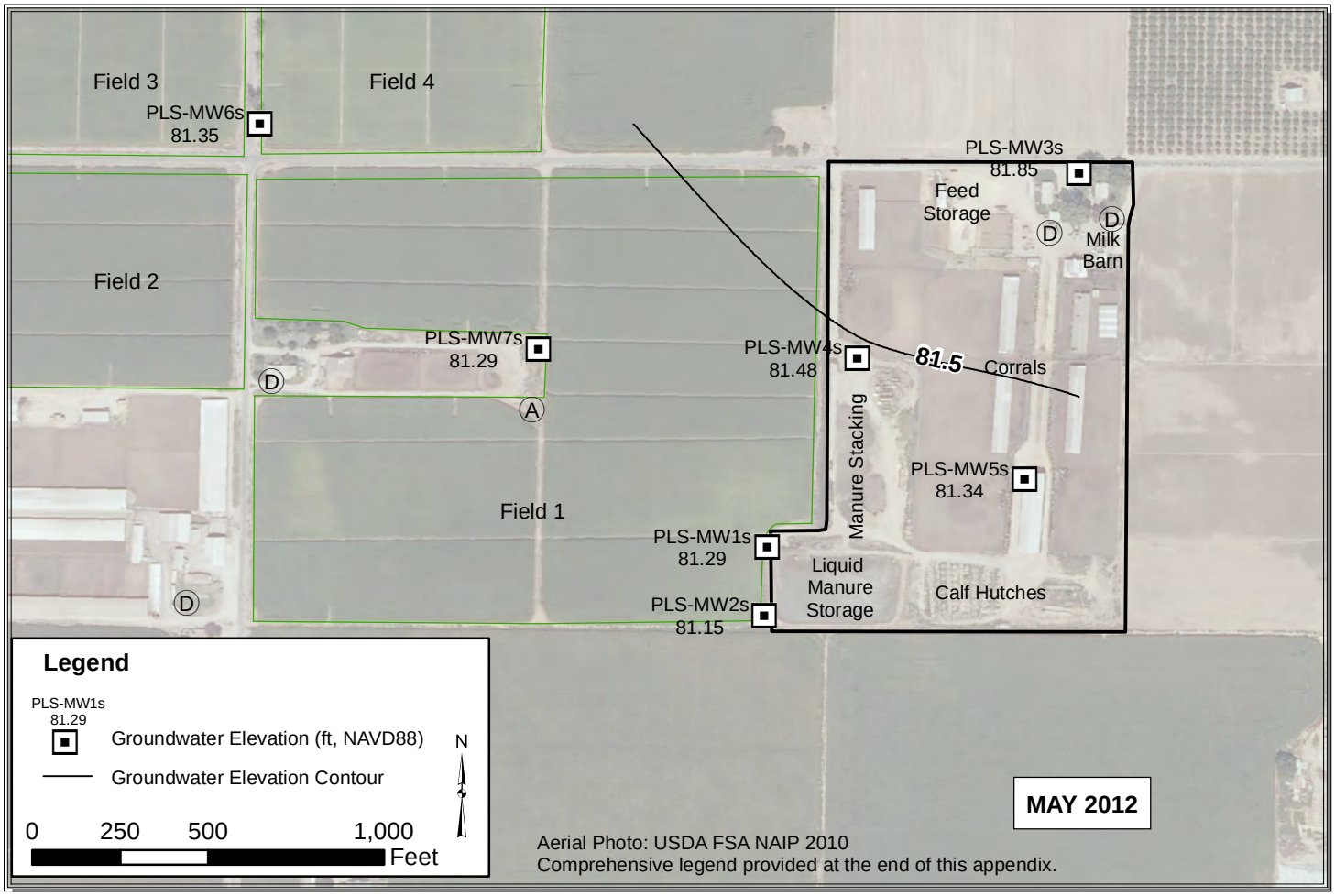


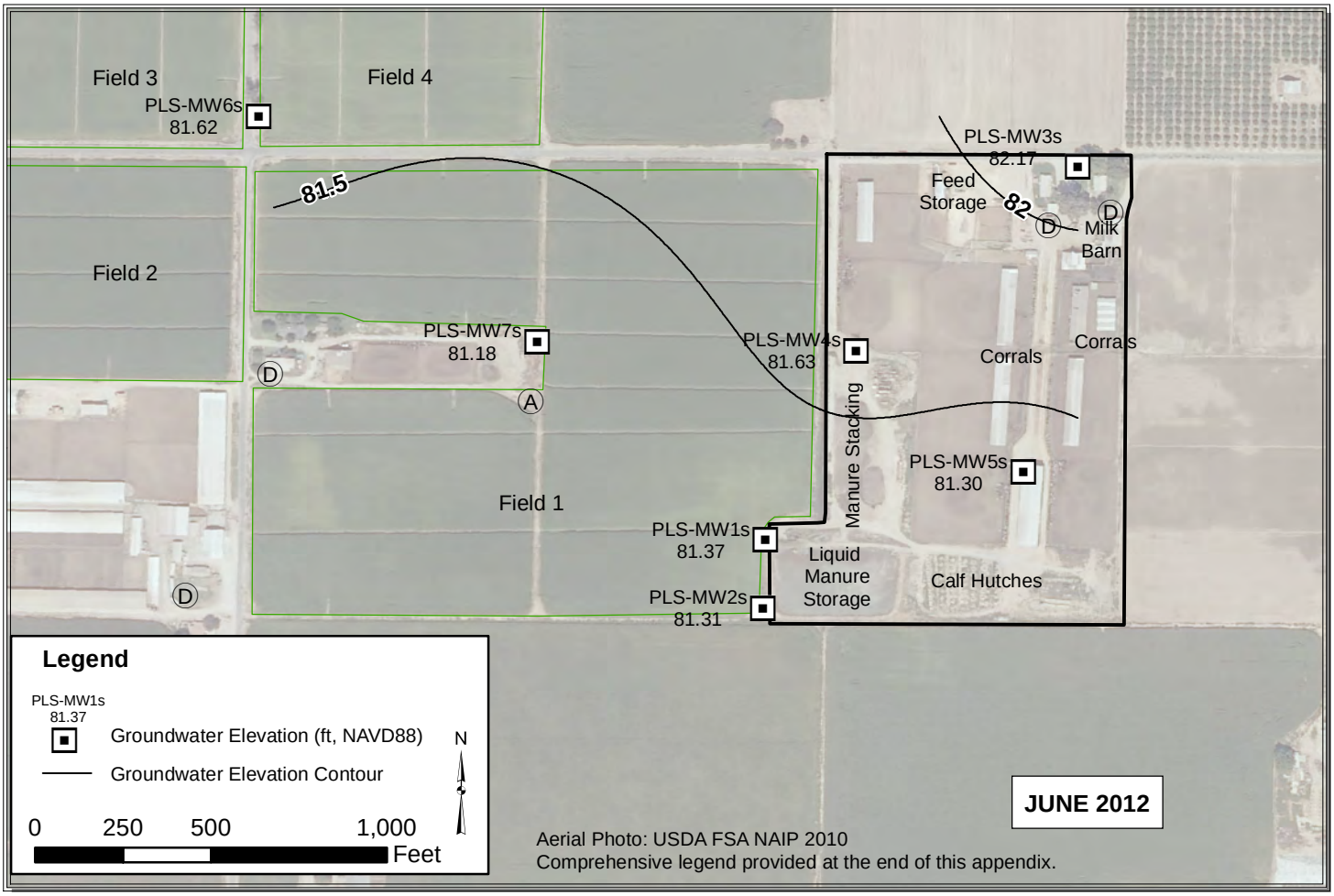
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\PLS\PLS_Jan_Feb.mxd



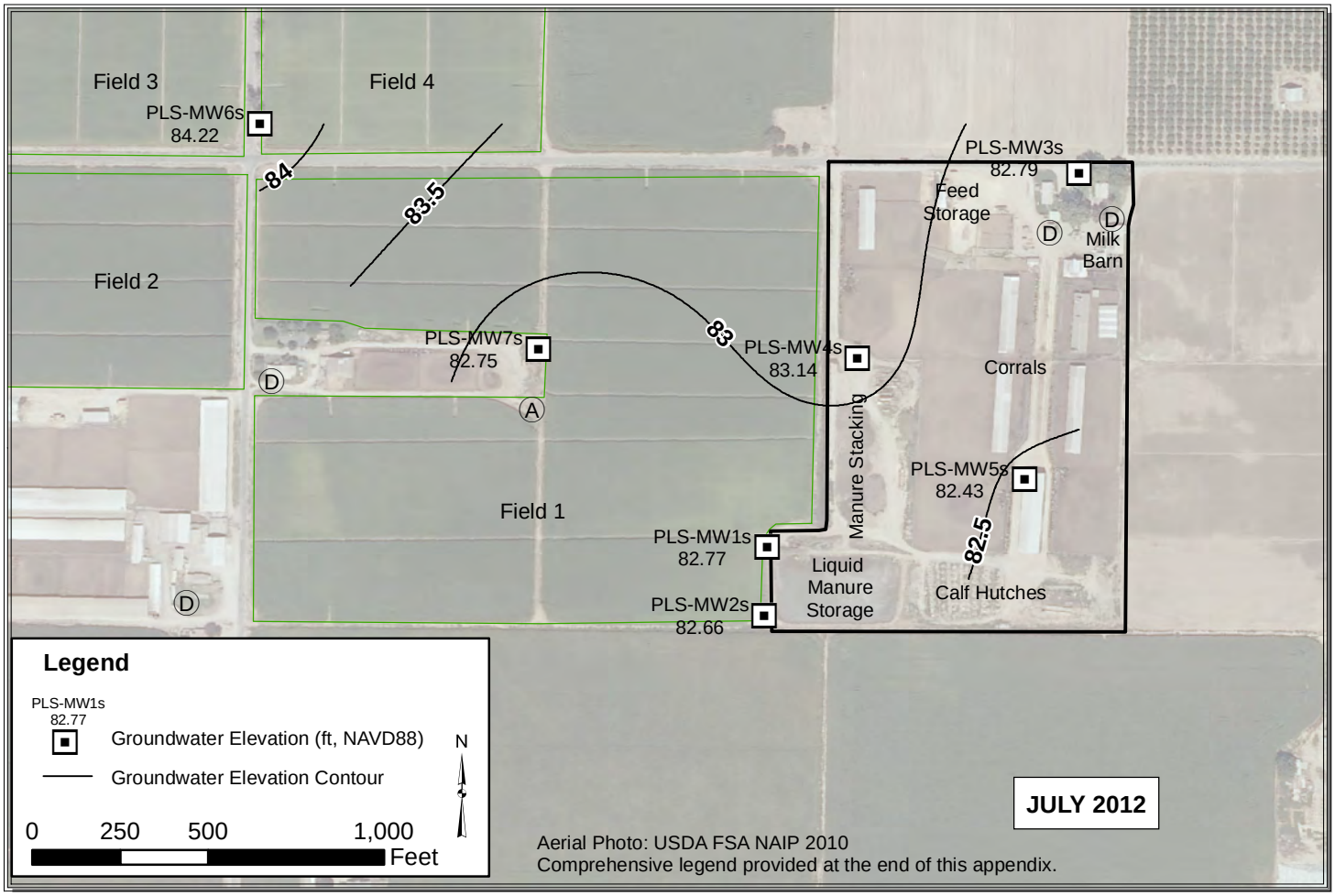


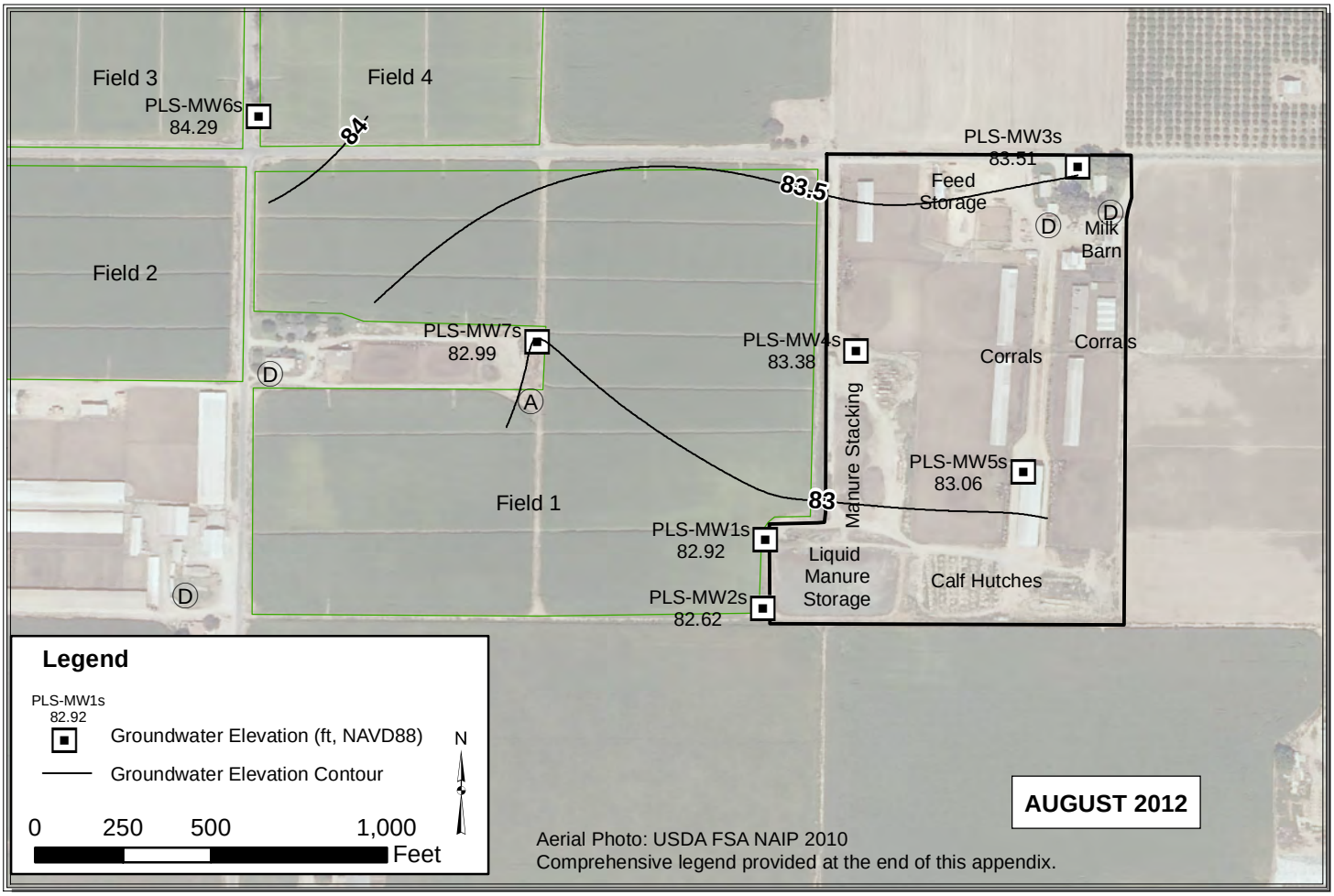
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\PLS\PLS_Mar_Apr.mxd



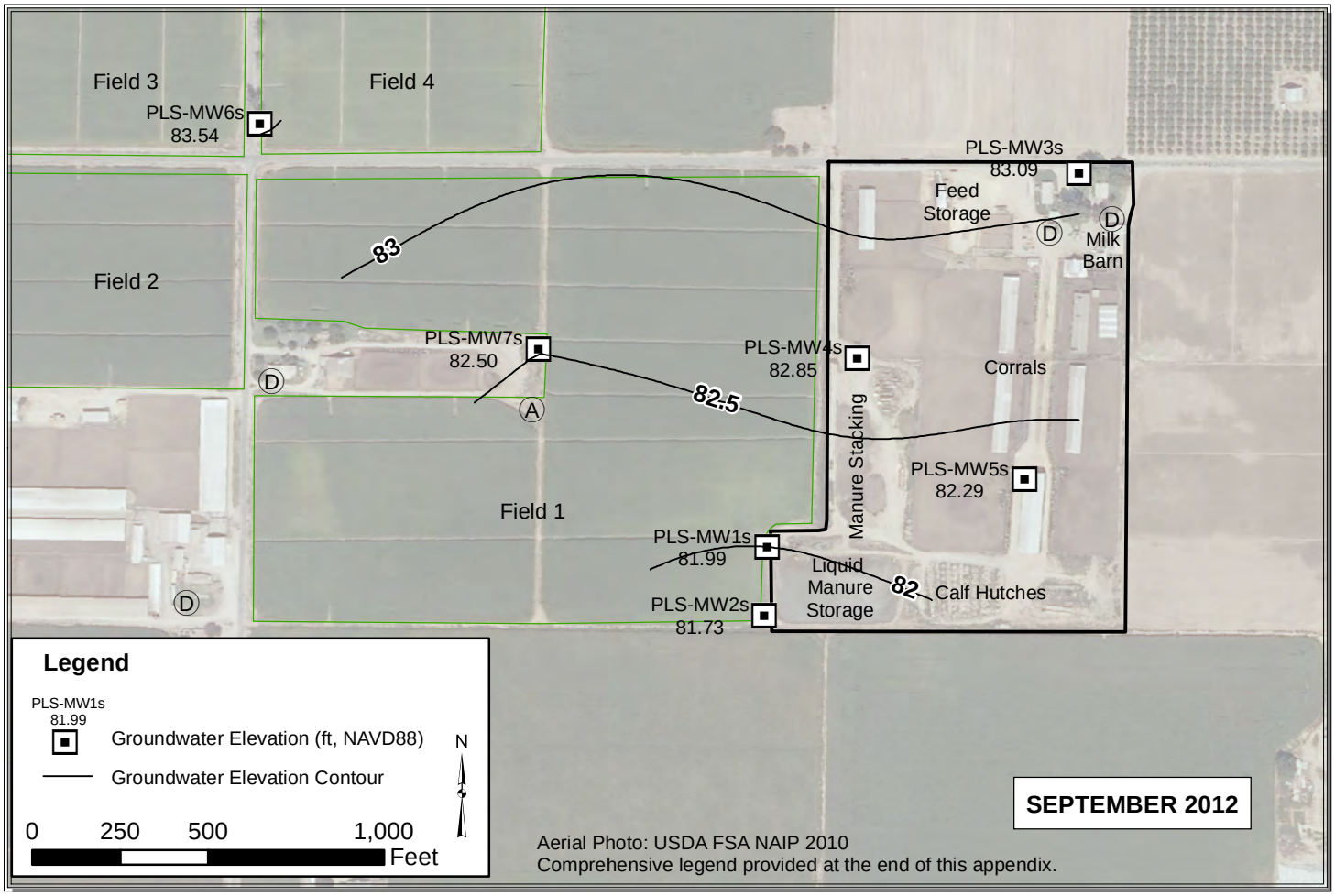


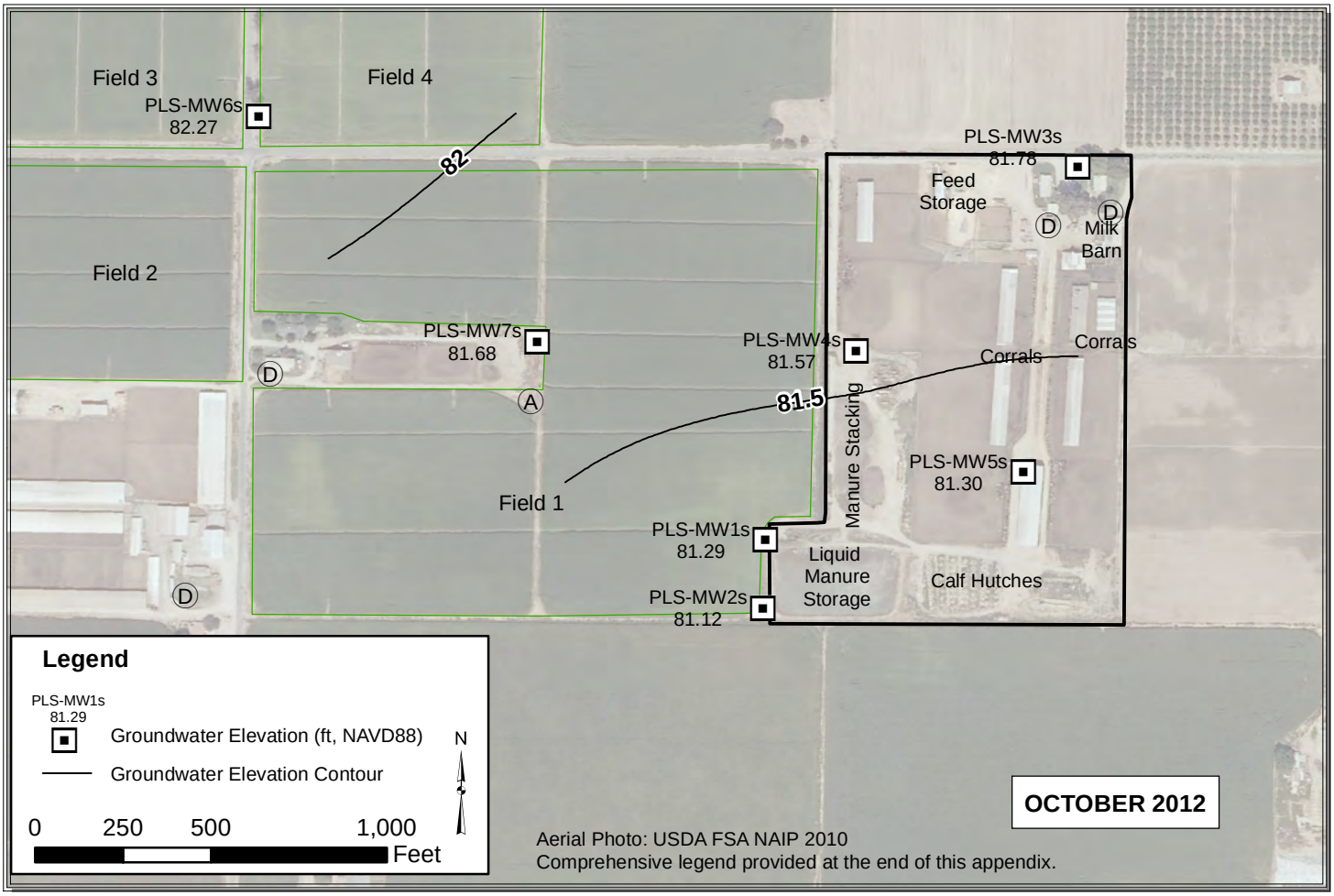
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\PLS\PLS_May_Jun.mxd



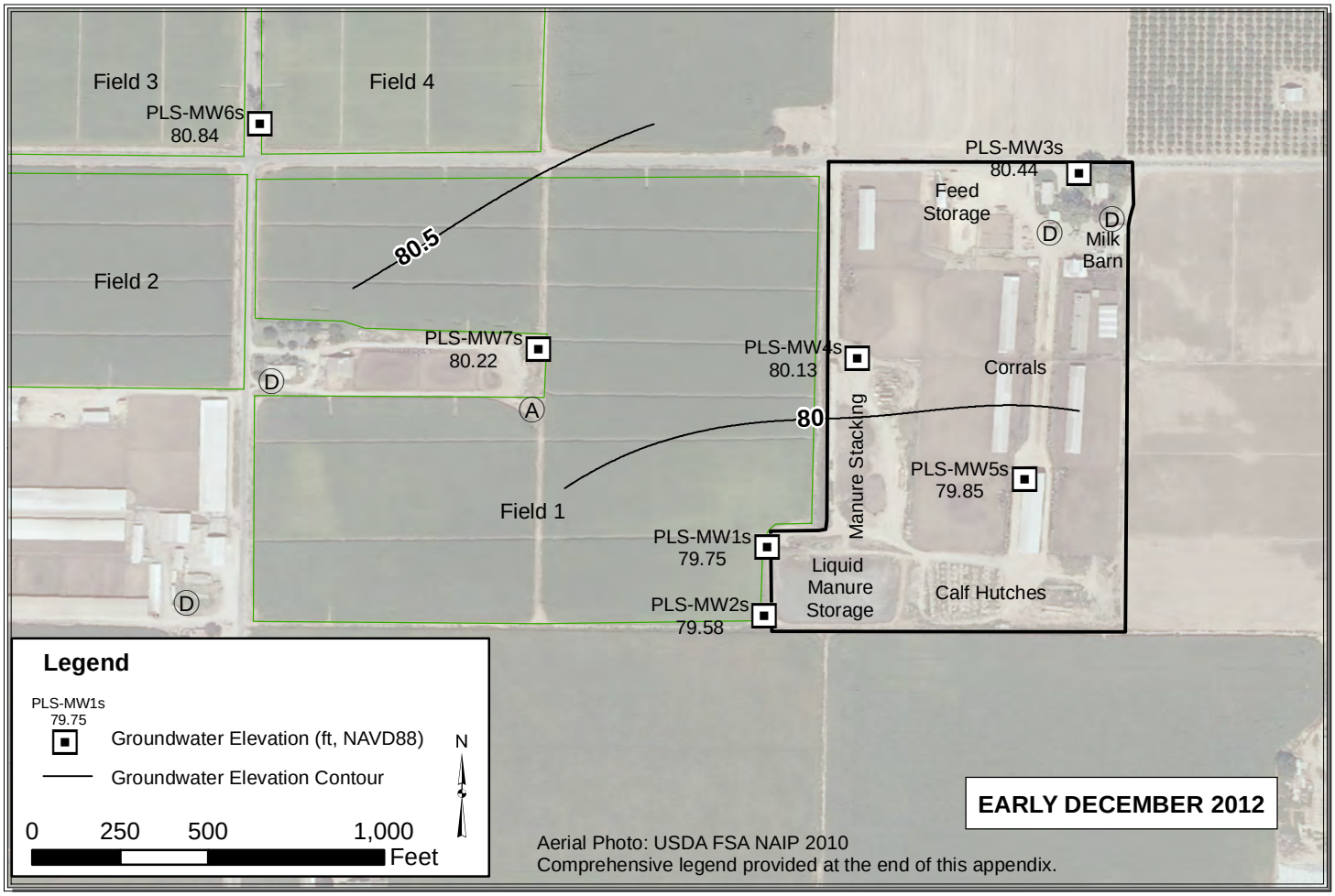


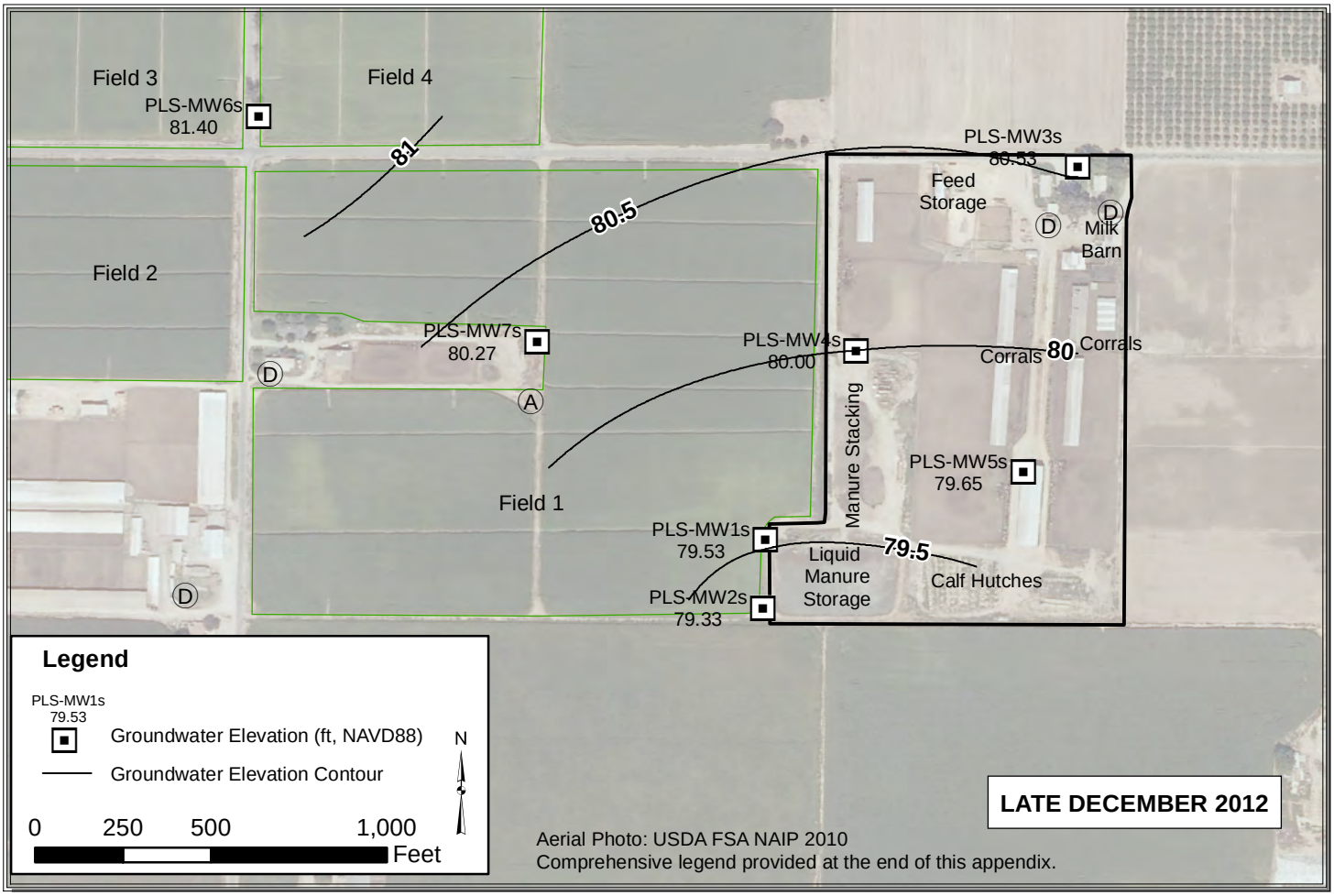
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\PLS\PLS_July_Aug.mxd





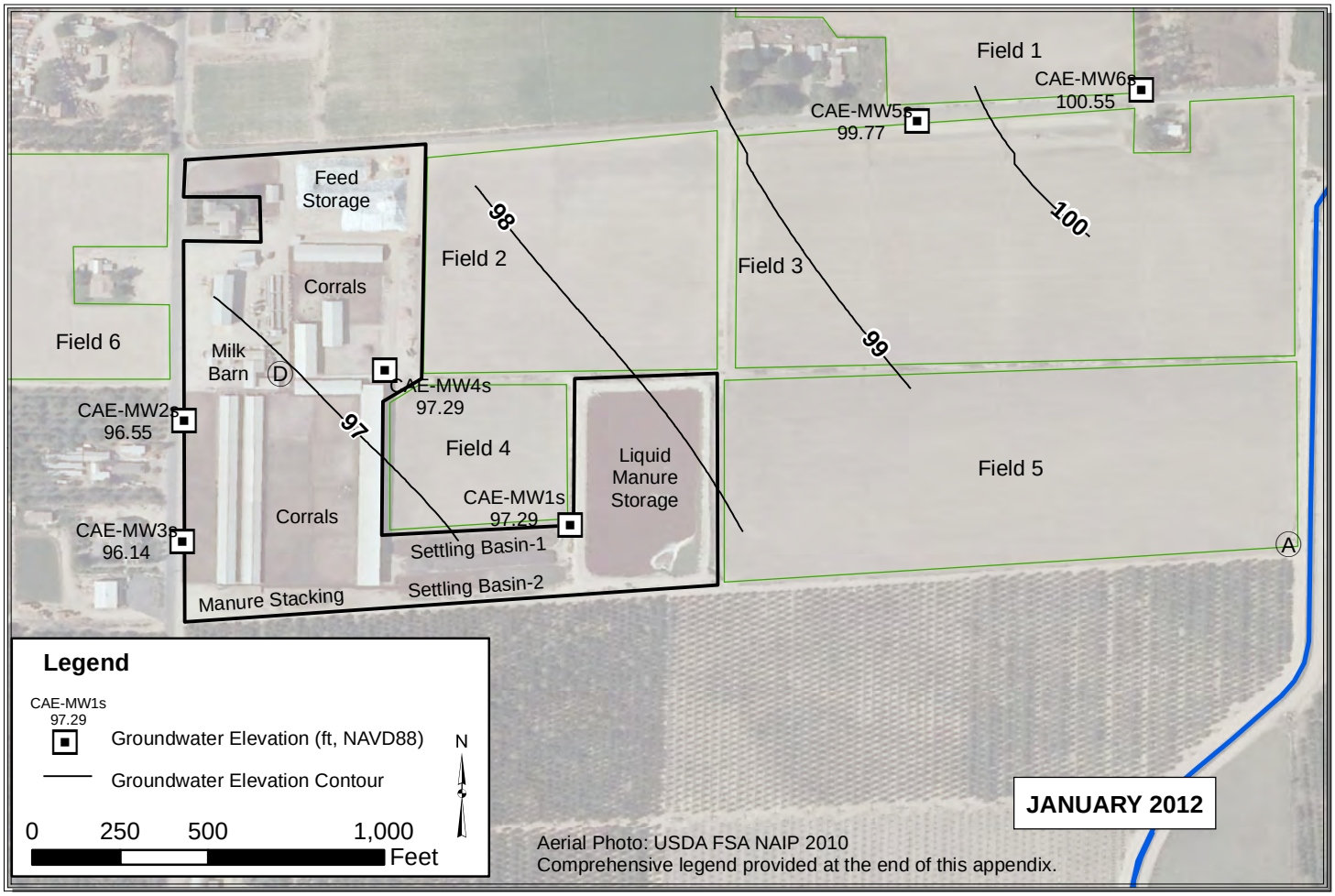
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\PLS\PLS_Sep_Oct.mxd

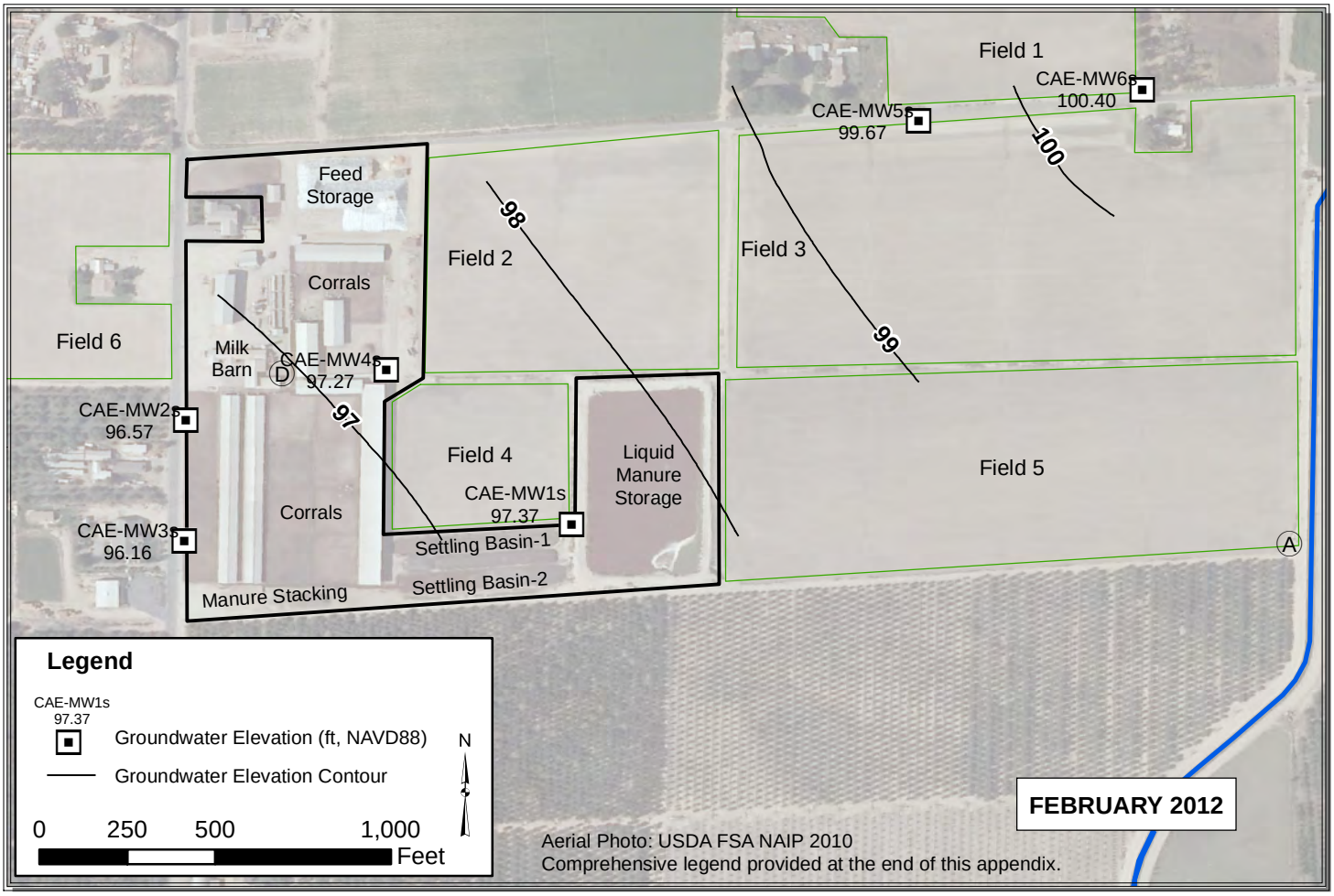




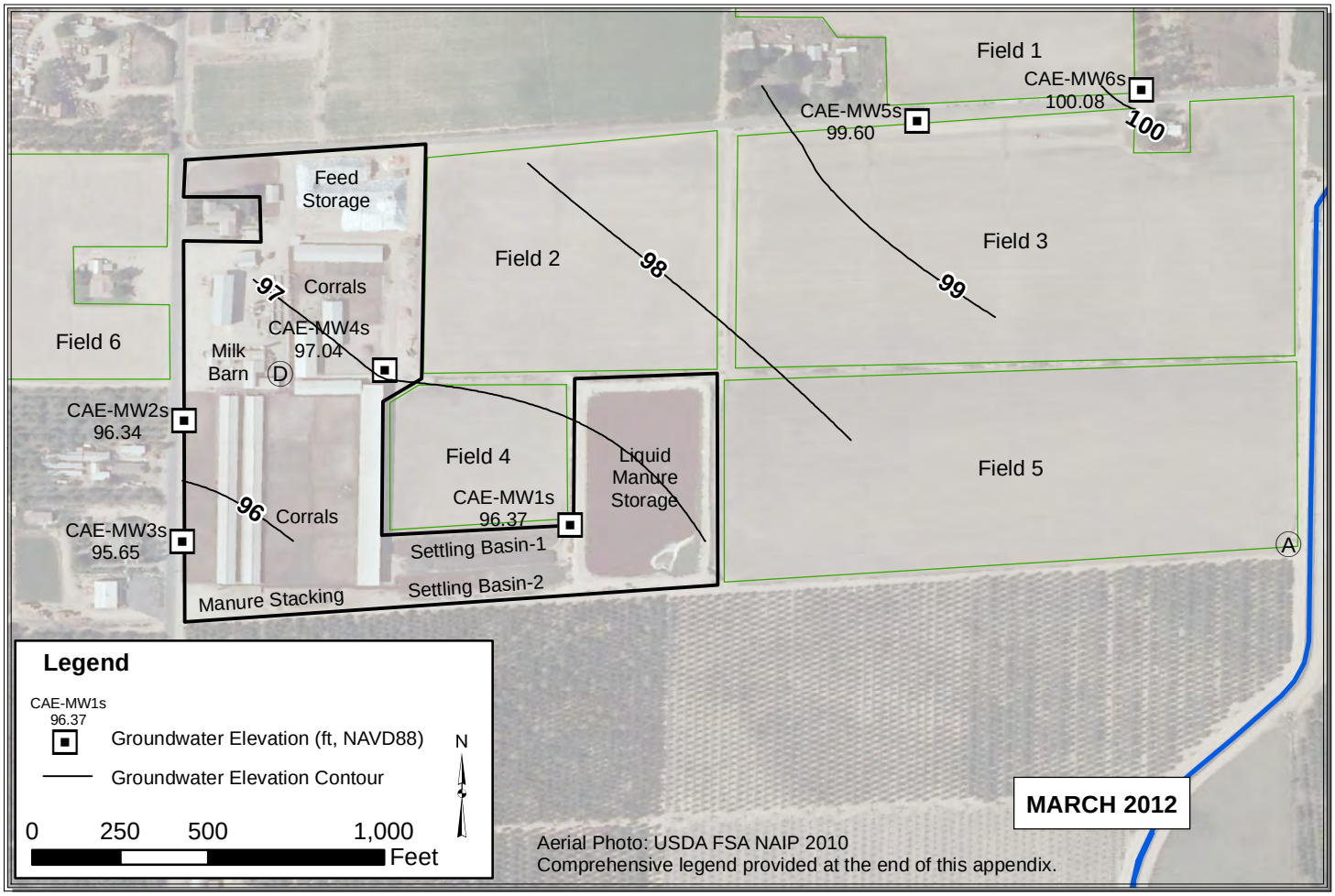
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\PLS\PLS_Dec.mxd

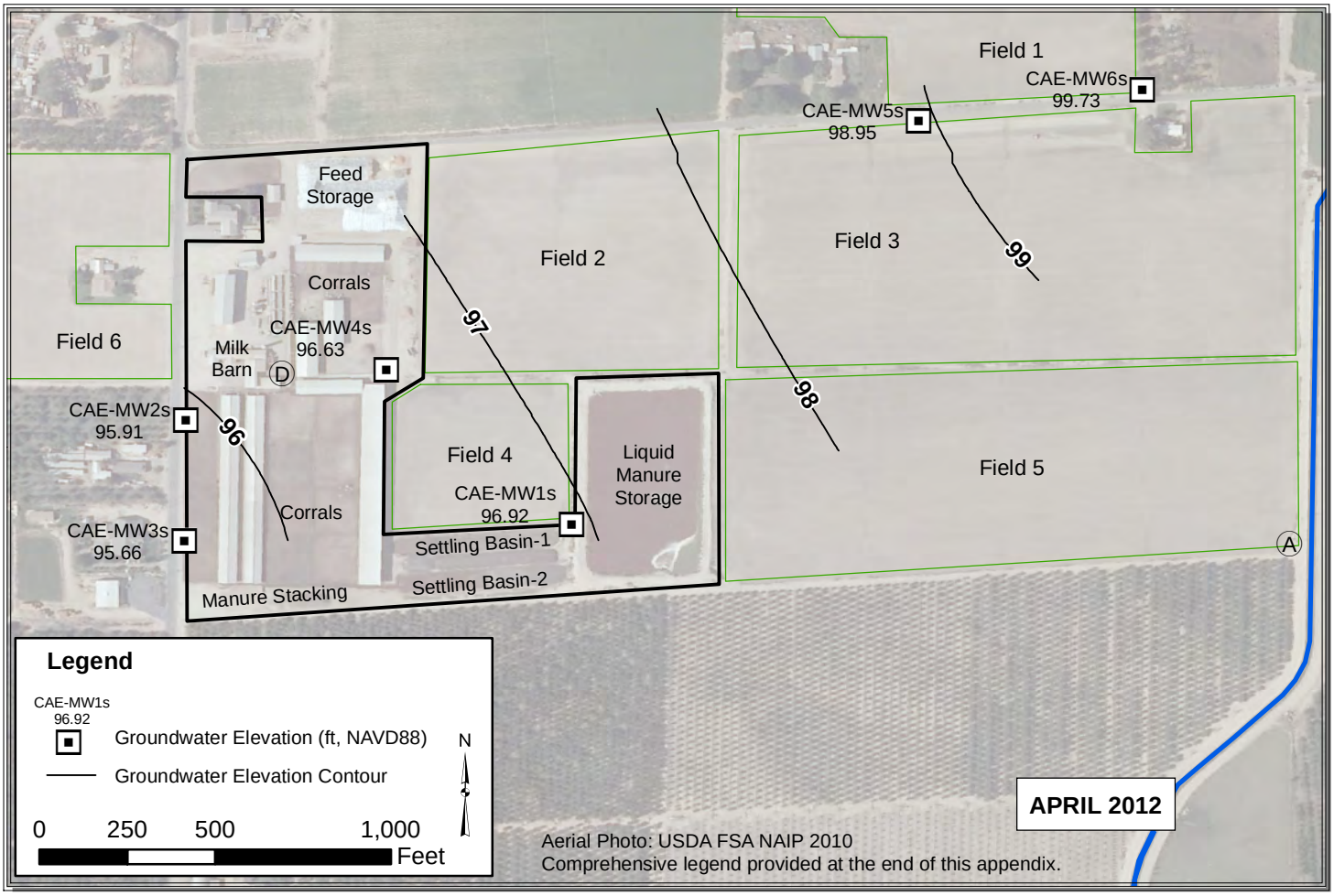
CAE



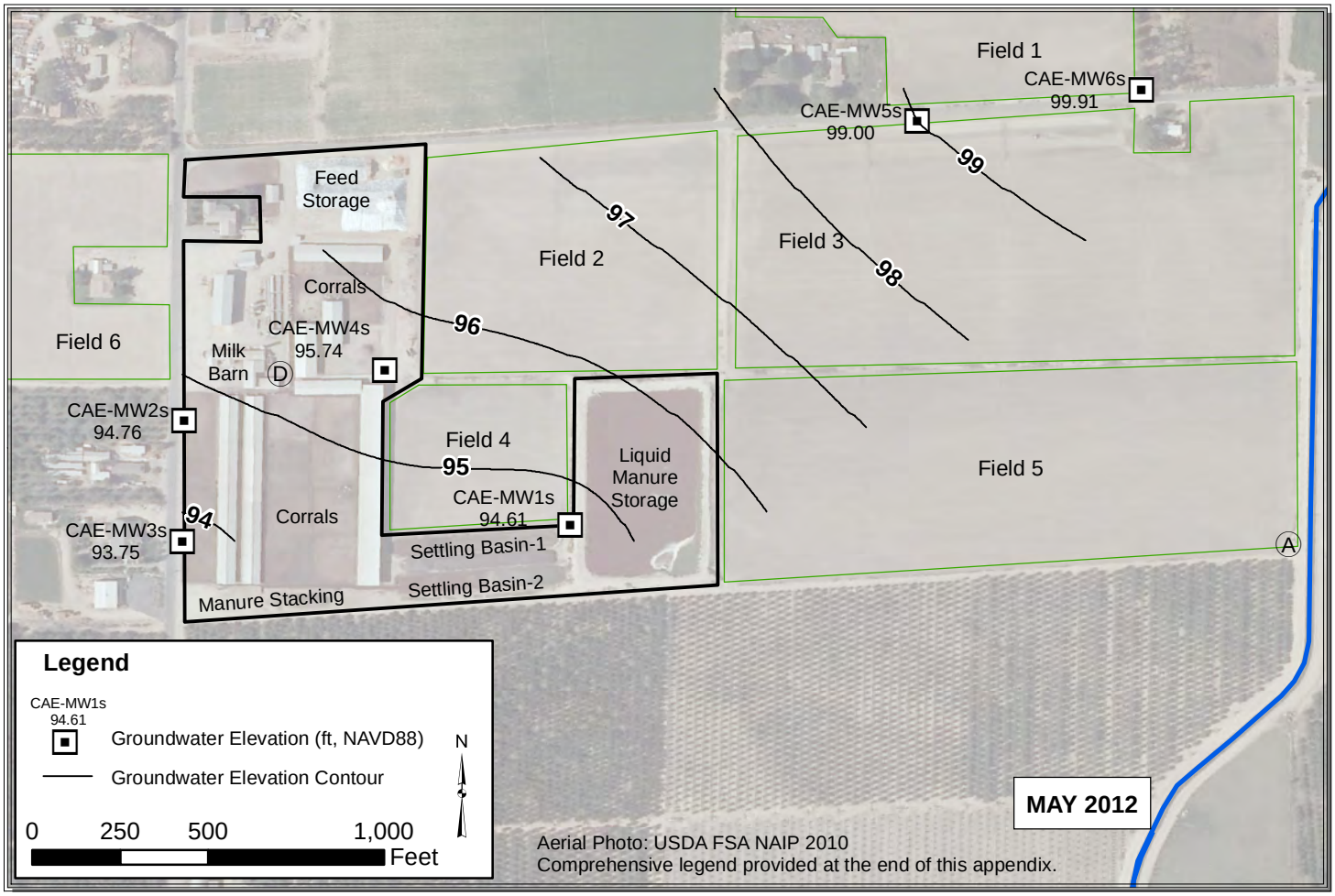


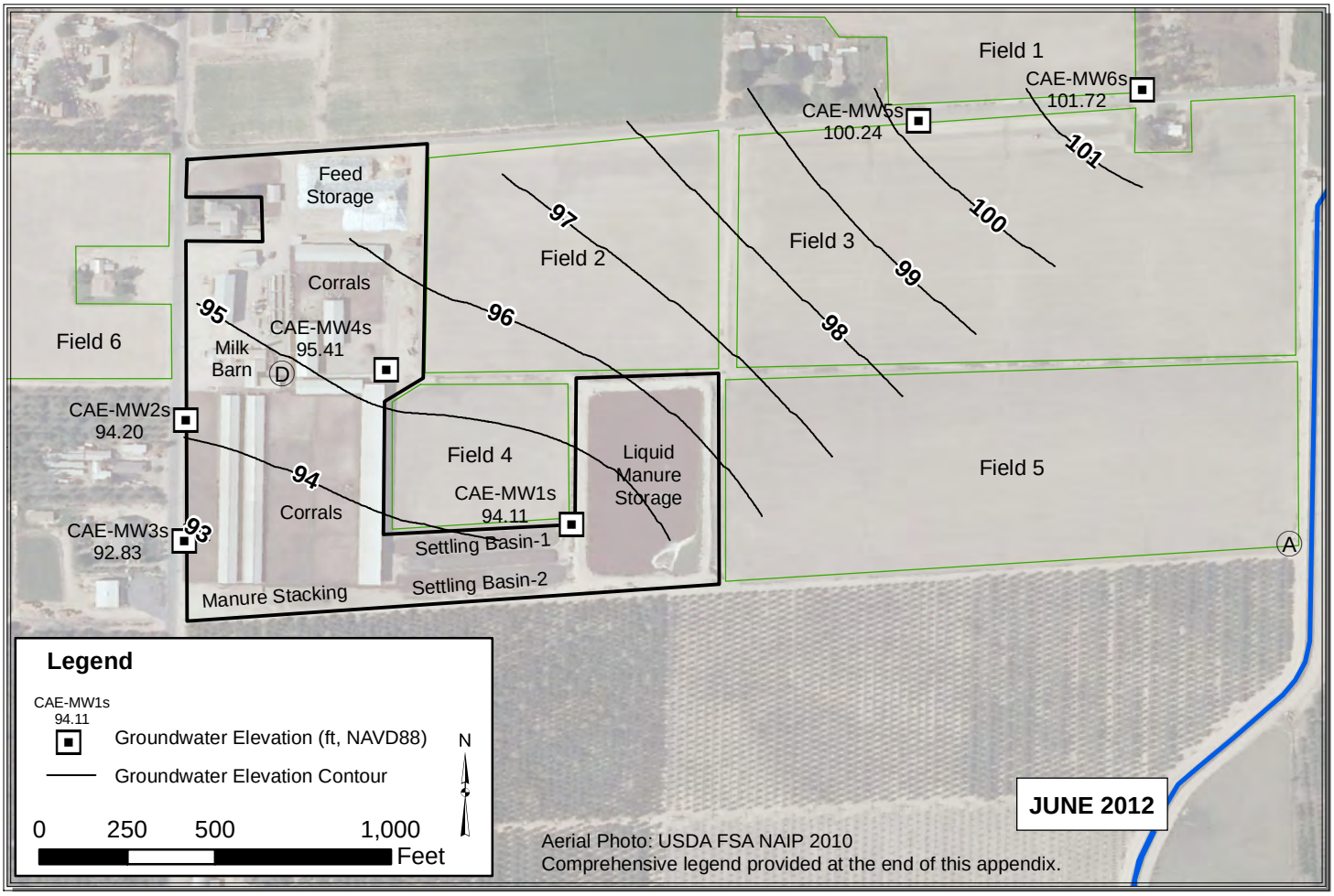
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\CAE\CAE_Jan_Feb.mxd



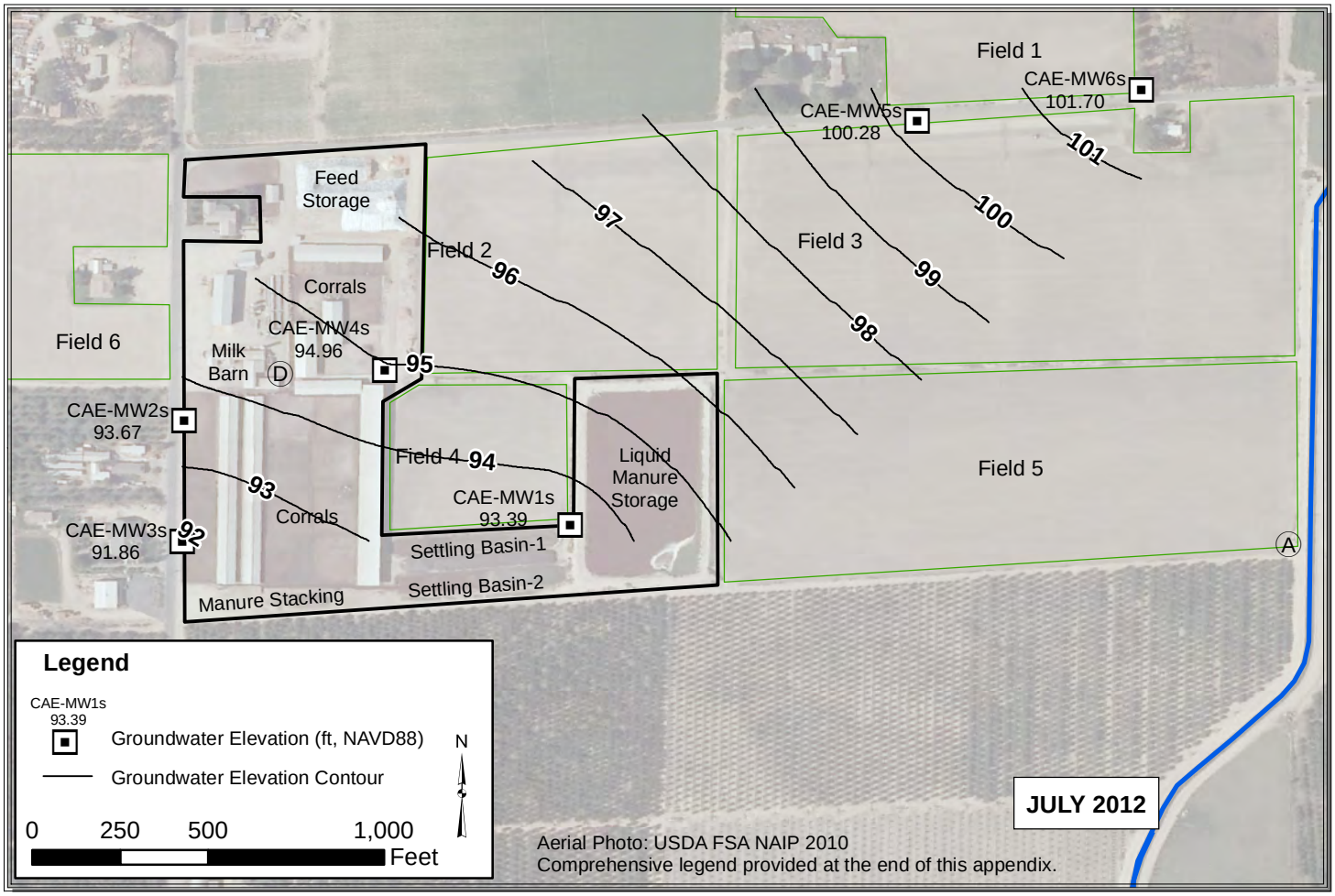


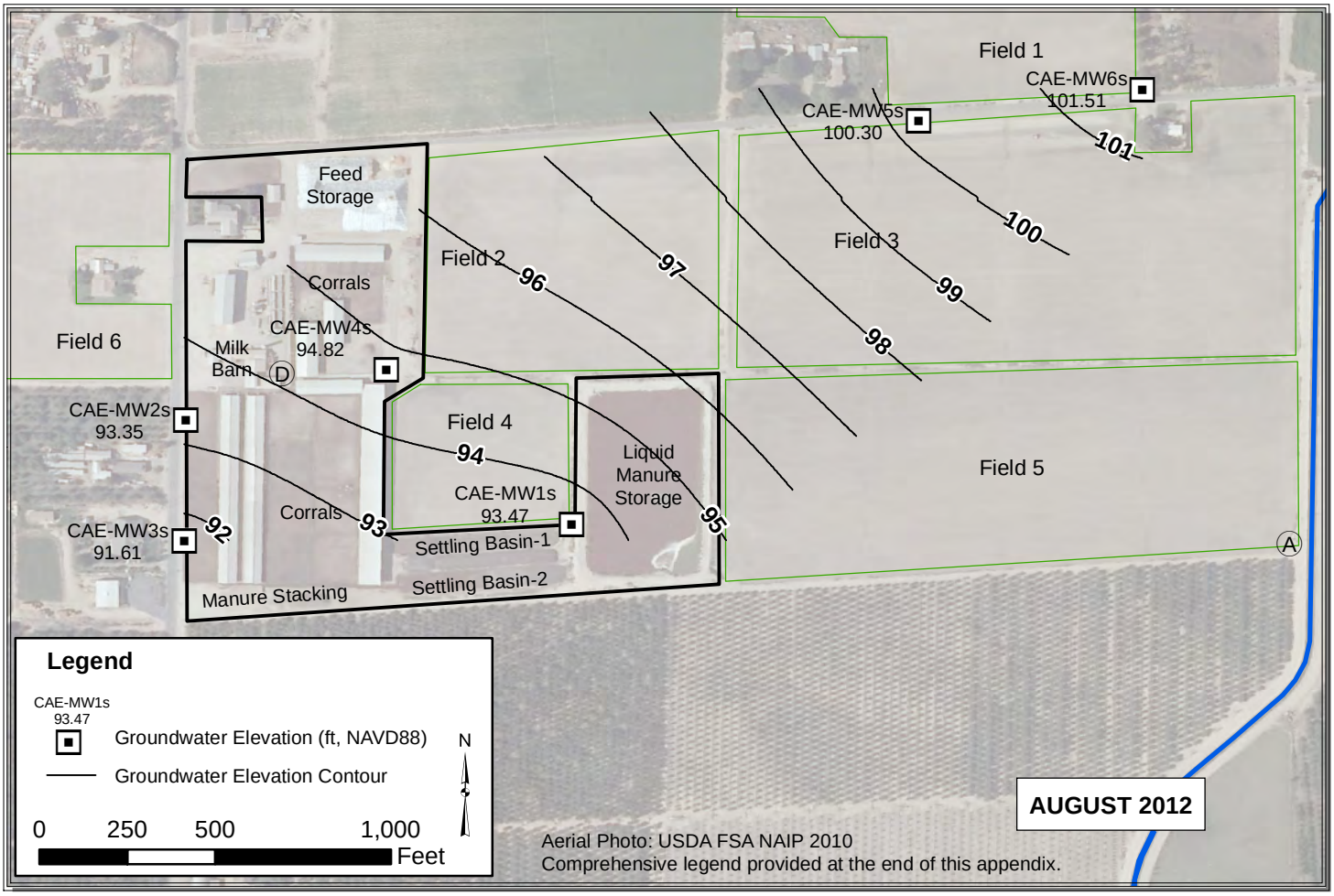
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\CAE\CAE_Mar_Apr.mxd



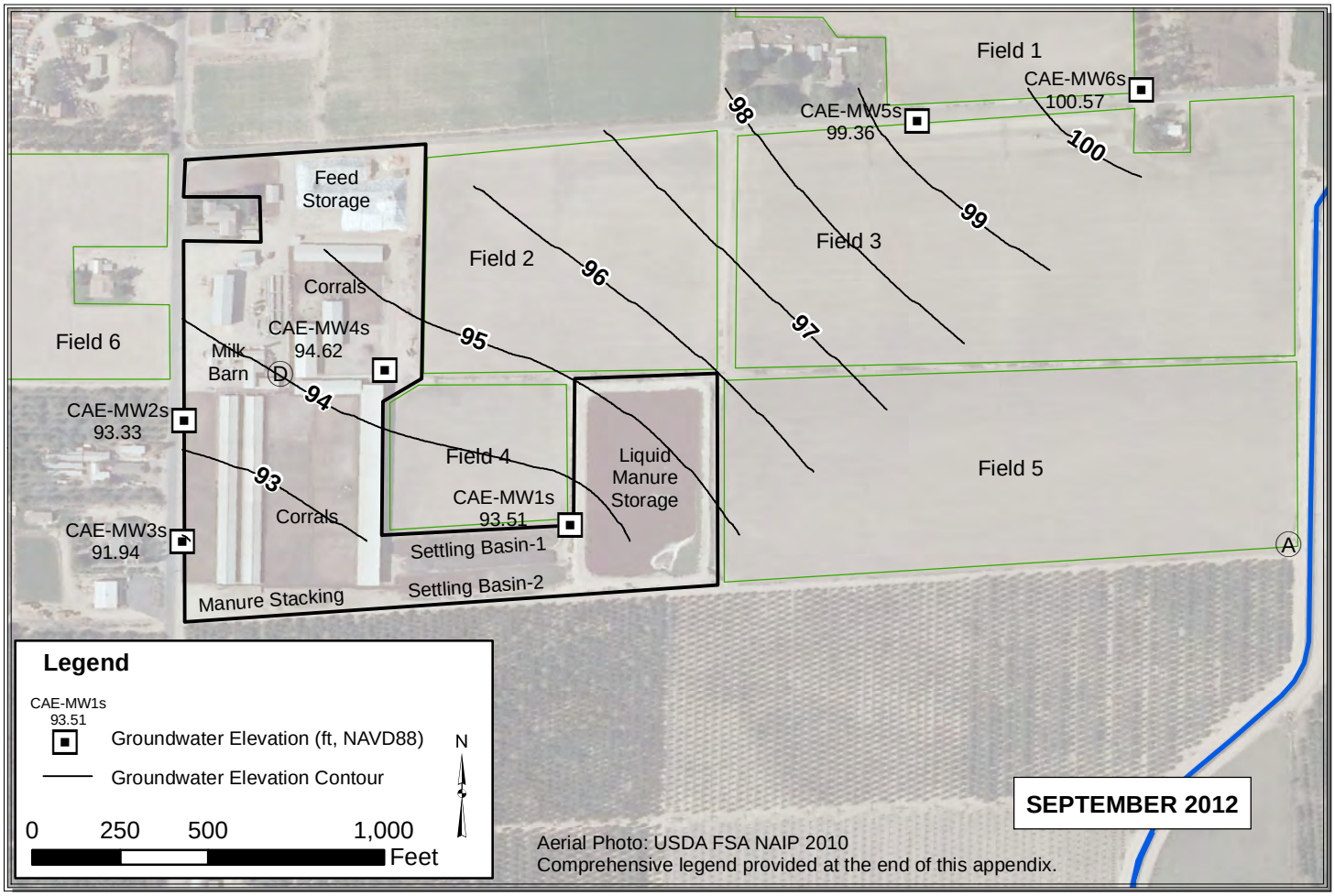


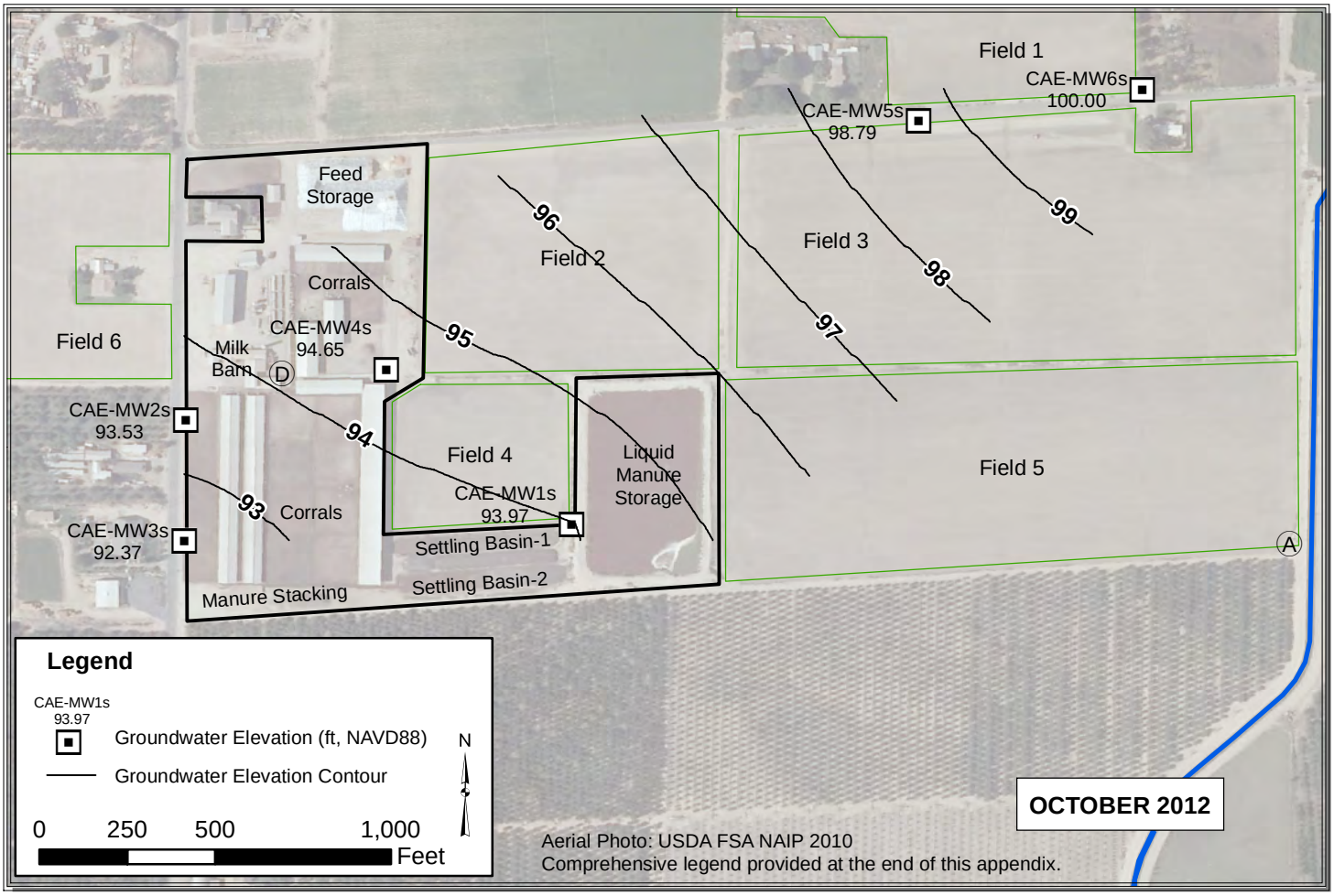
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\CAE\CAE_May_June.mxd



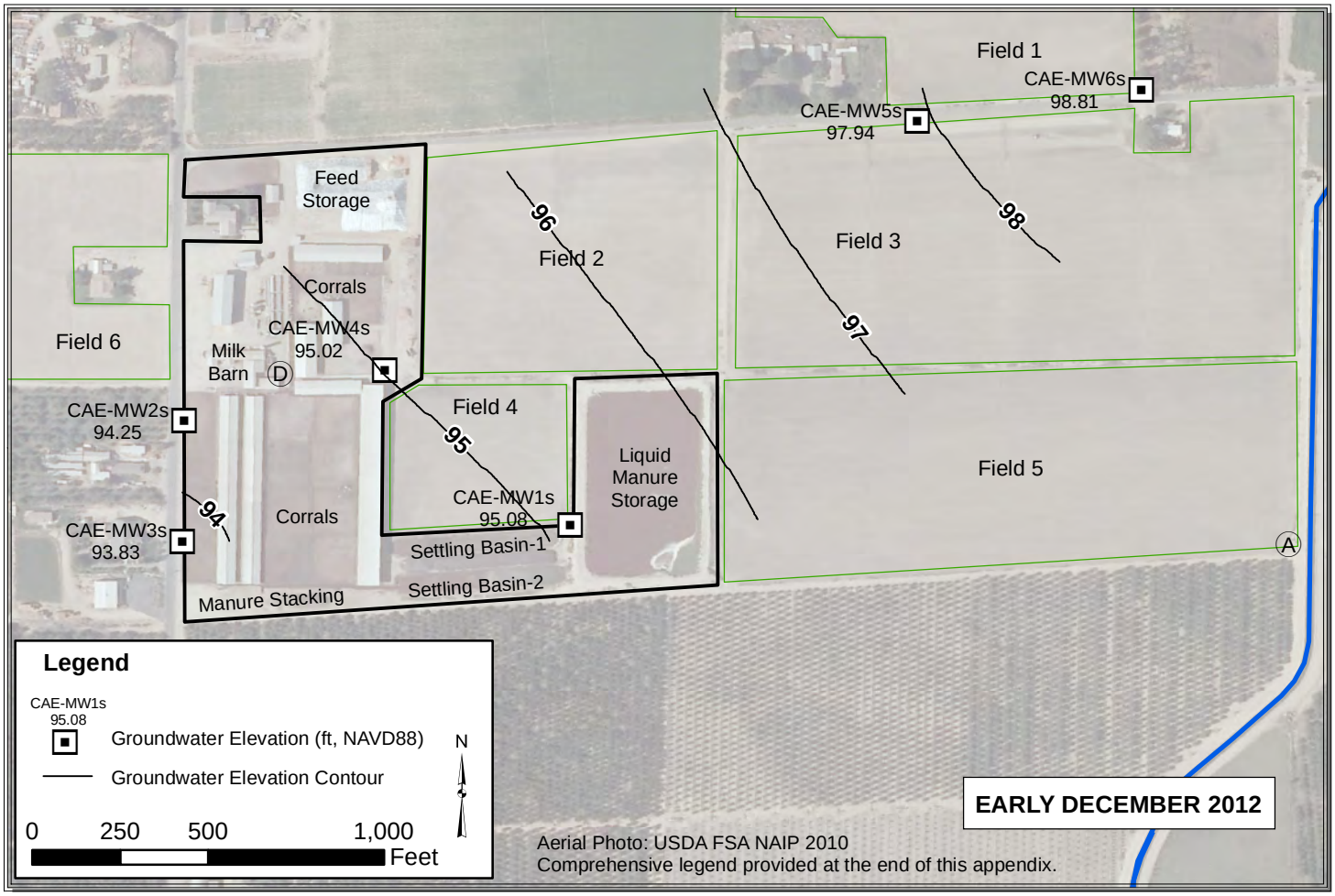


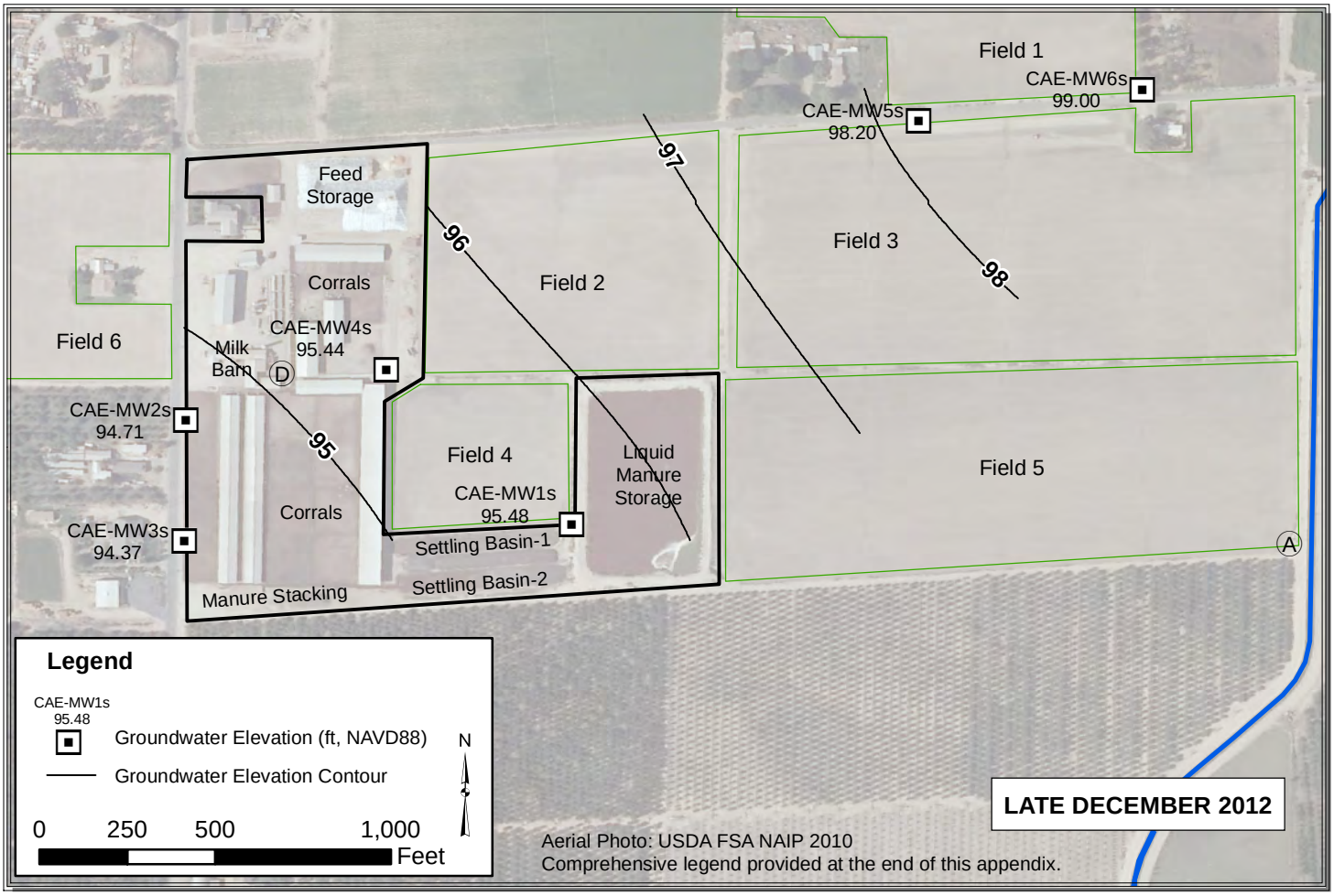
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\CAE\CAE_July_Aug.mxd





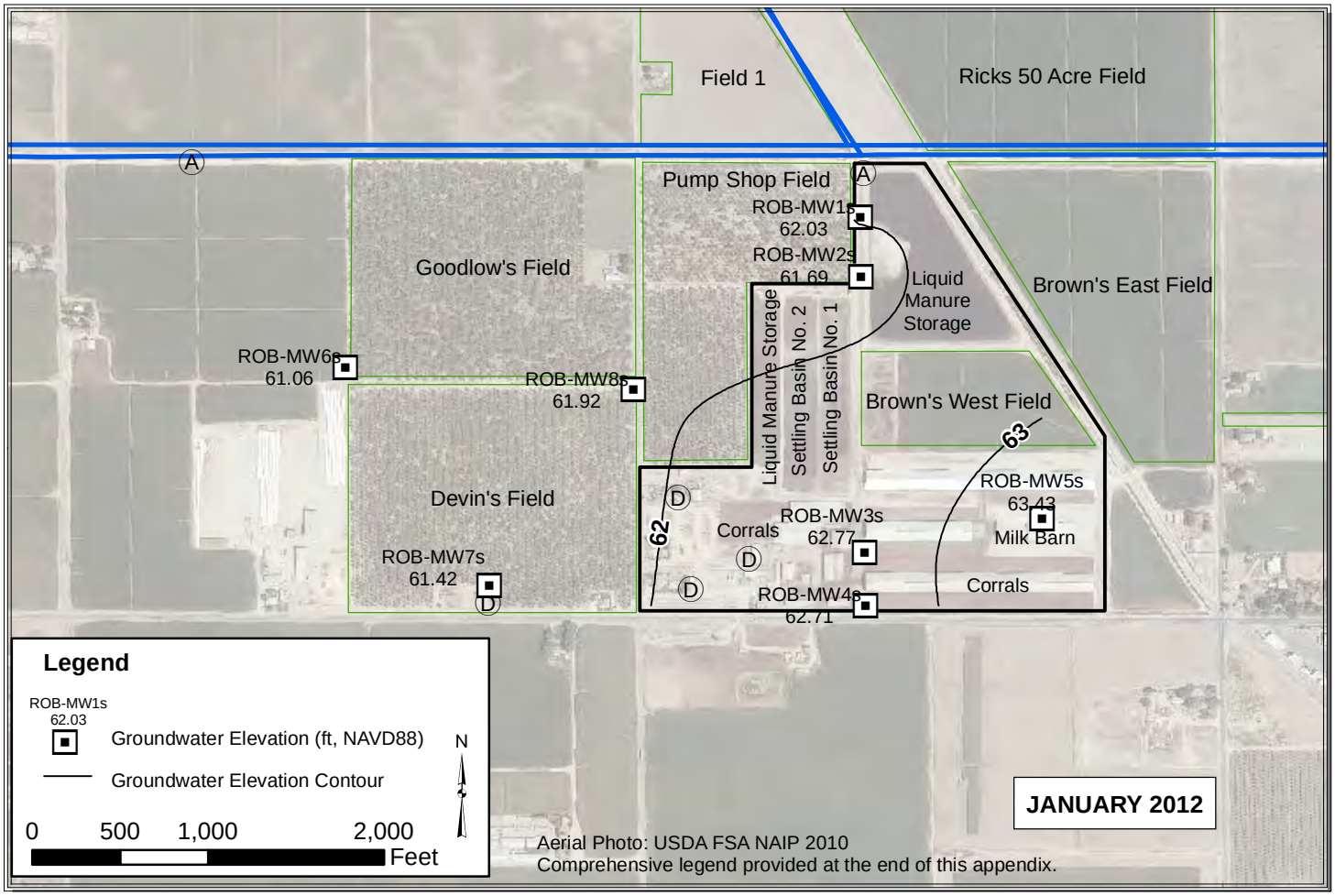
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\CAE\CAE_Sep_Oct.mxd

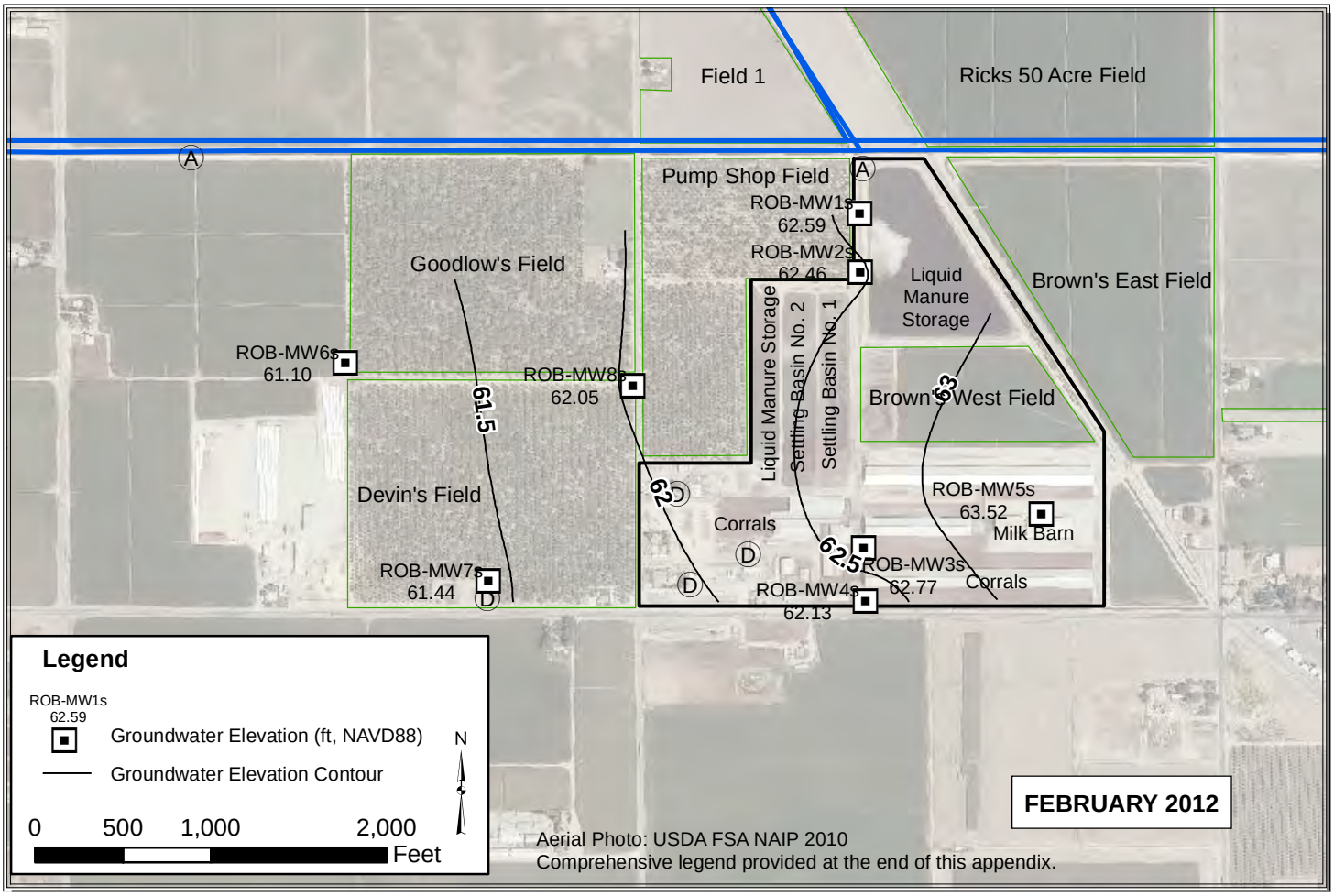




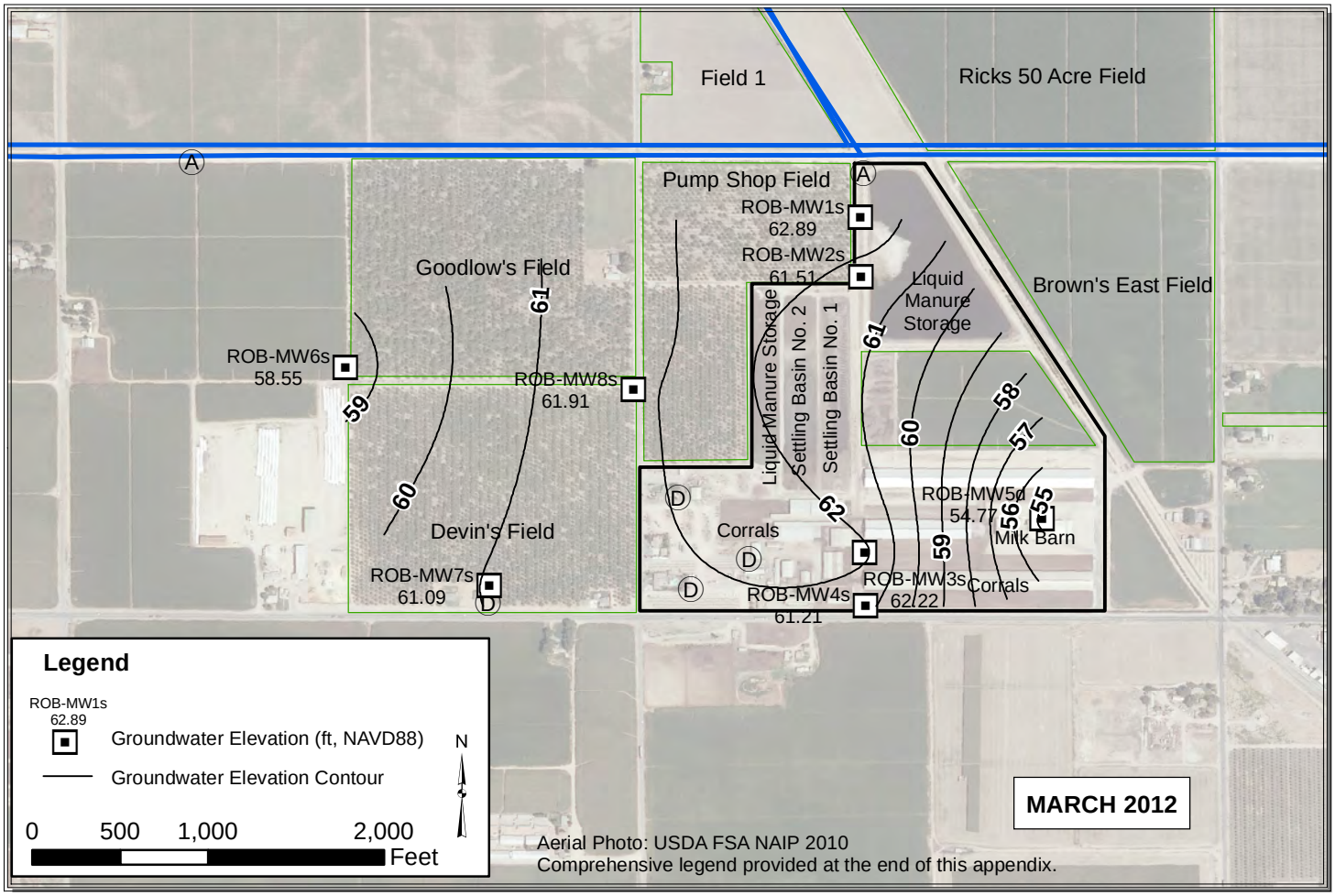
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\CAE\CAE_Dec.mxd

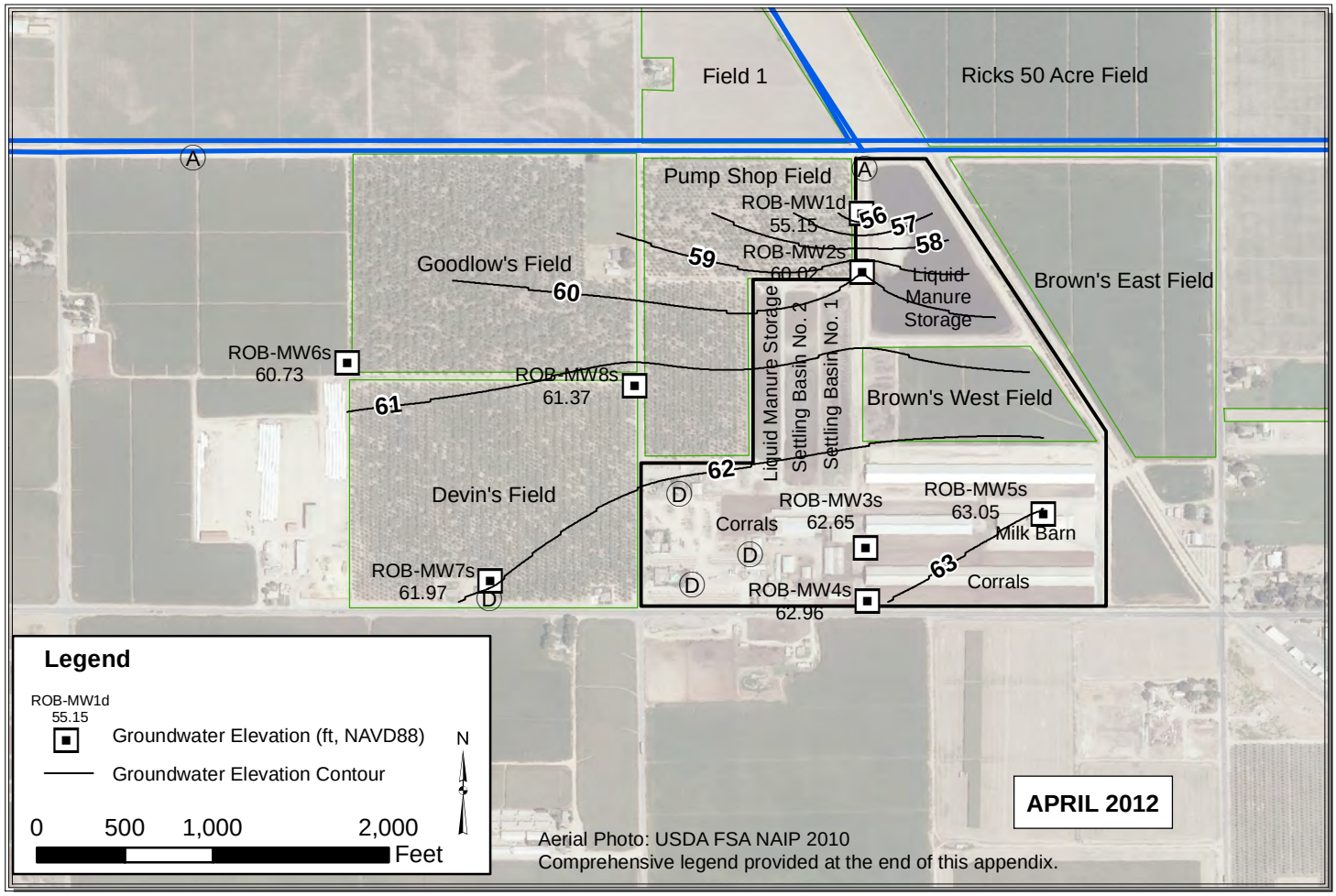
ROB



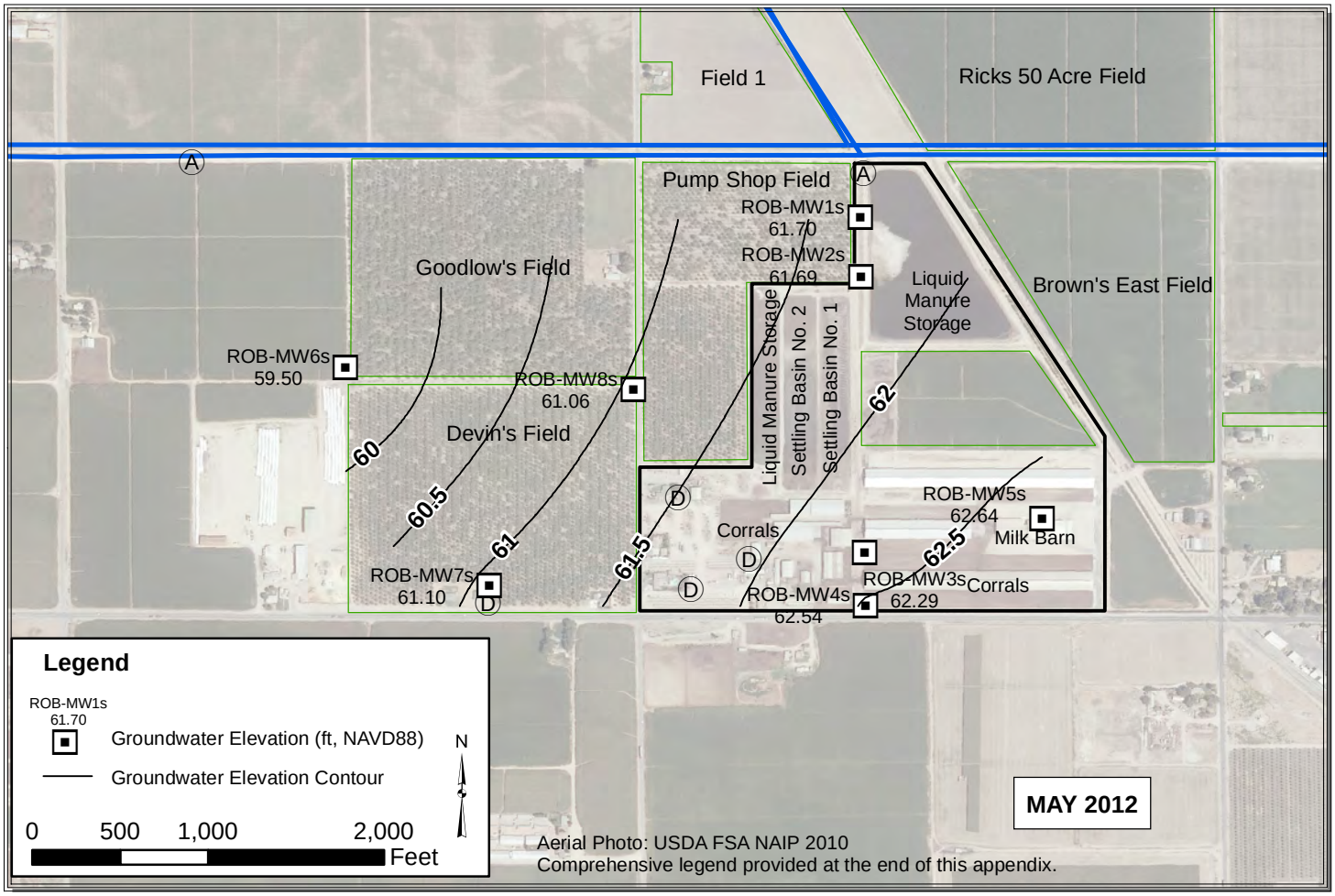


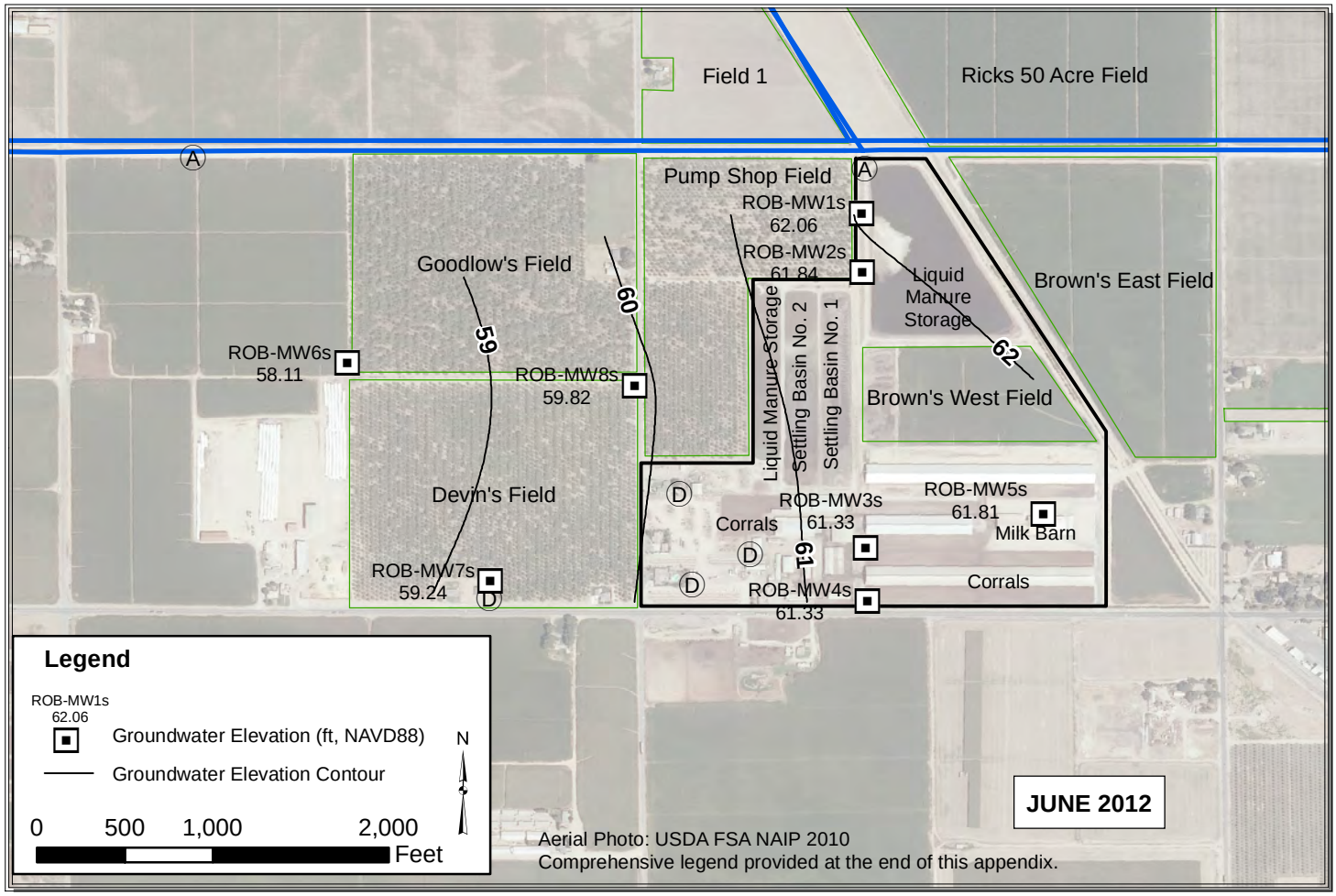
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ROB\ROB_Jan_Feb.mxd



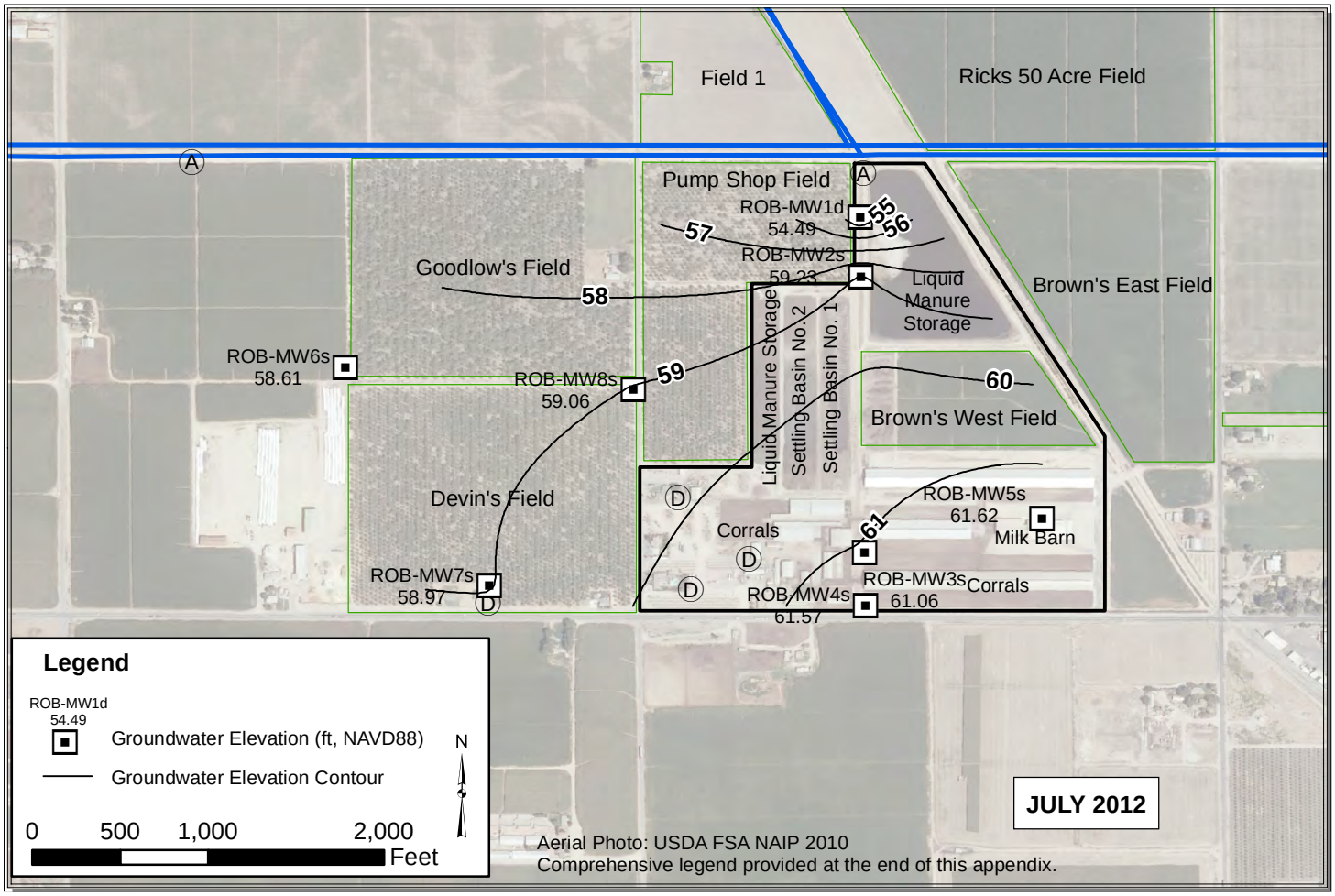


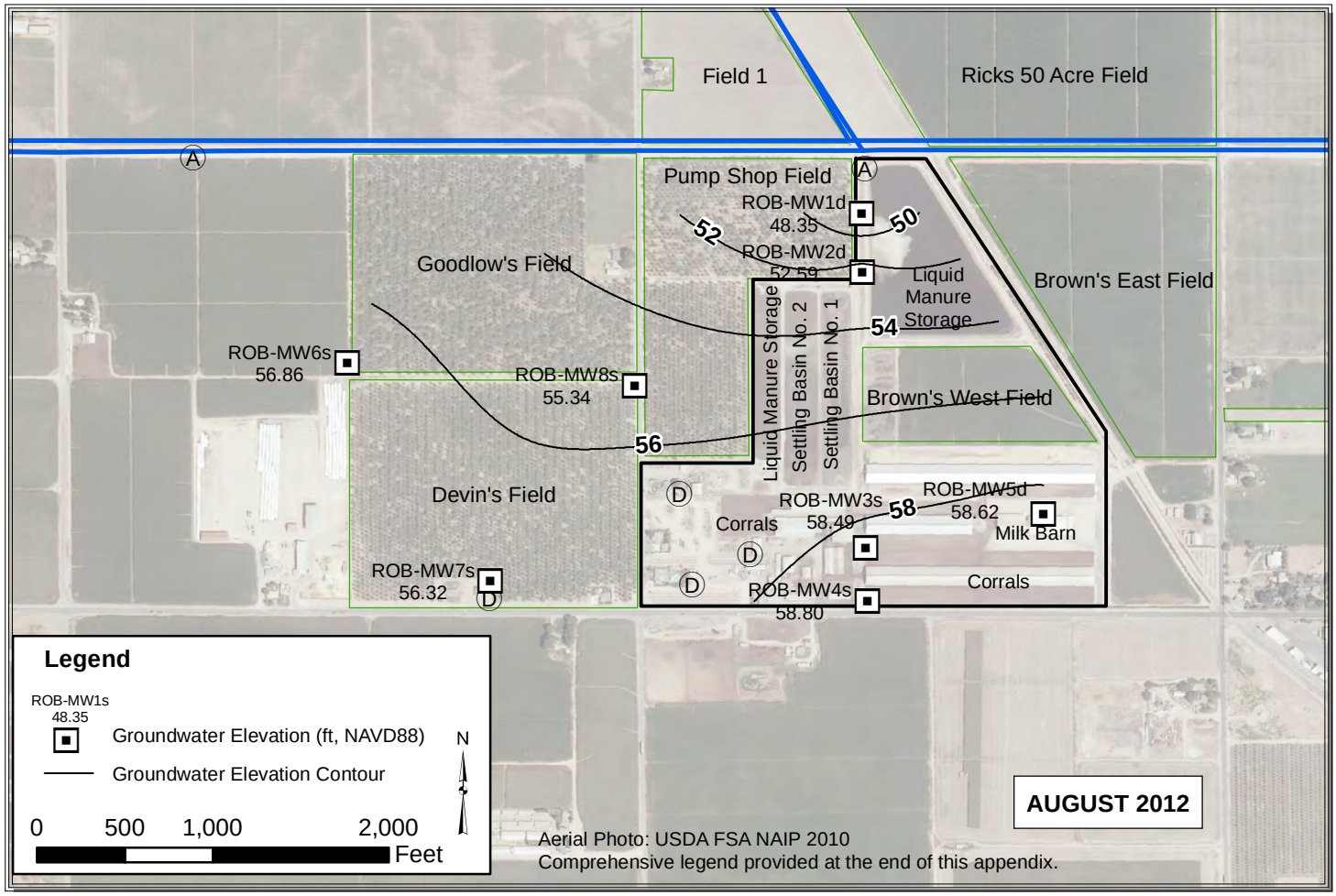
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ROB\ROB_Mar_Apr.mxd



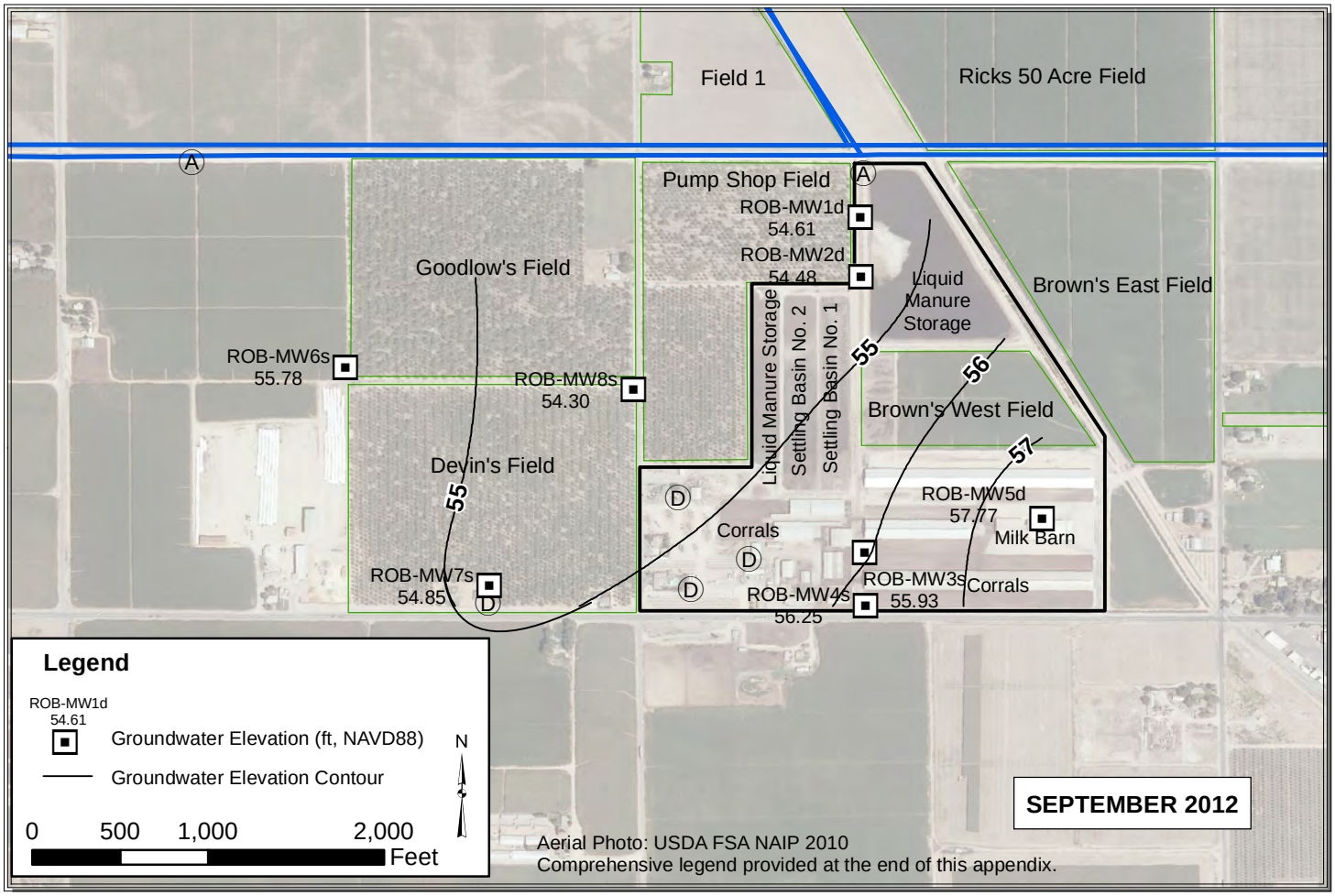


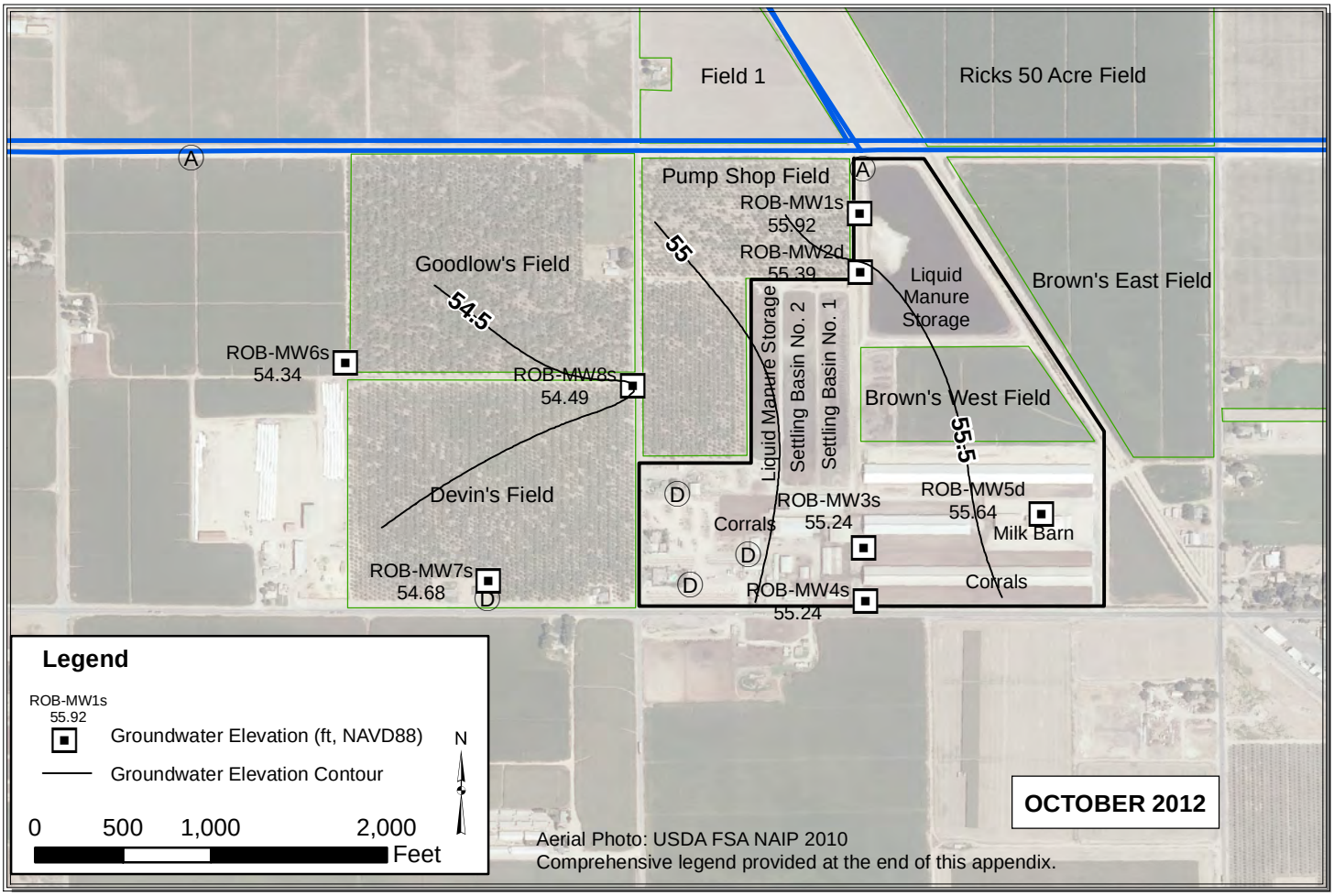
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ROB\ROB_May_June.mxd



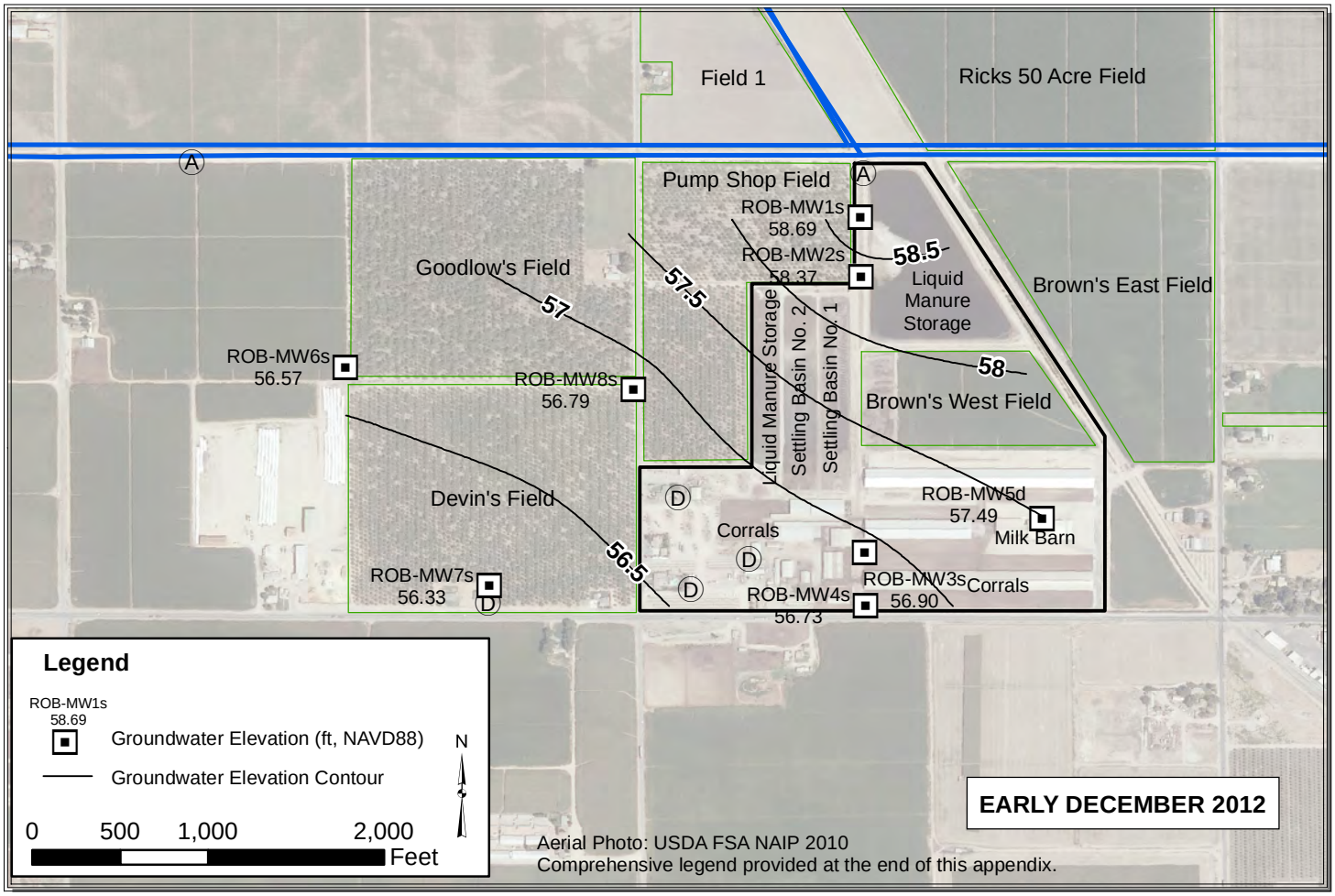


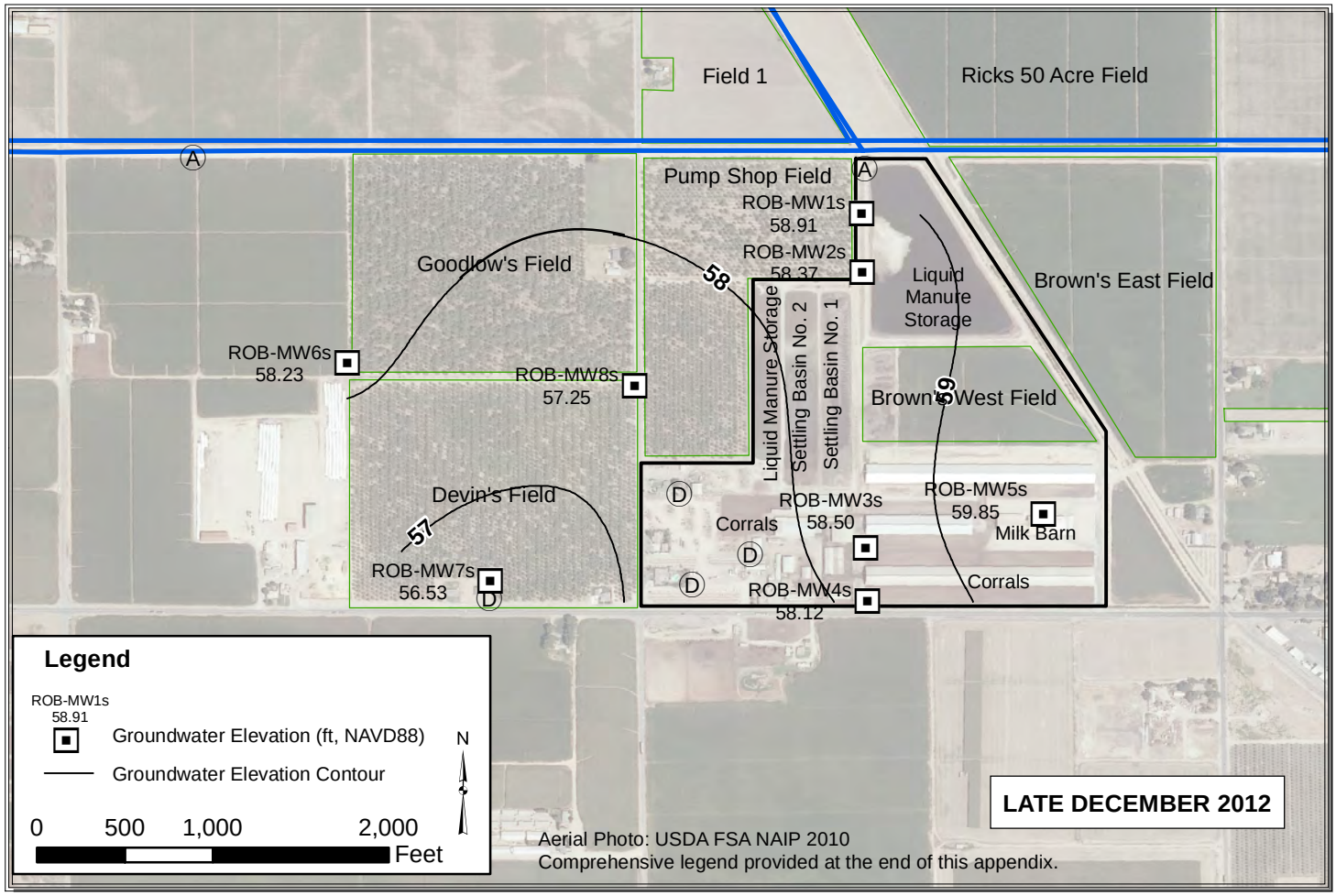
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ROB\ROB_July_Aug.mxd





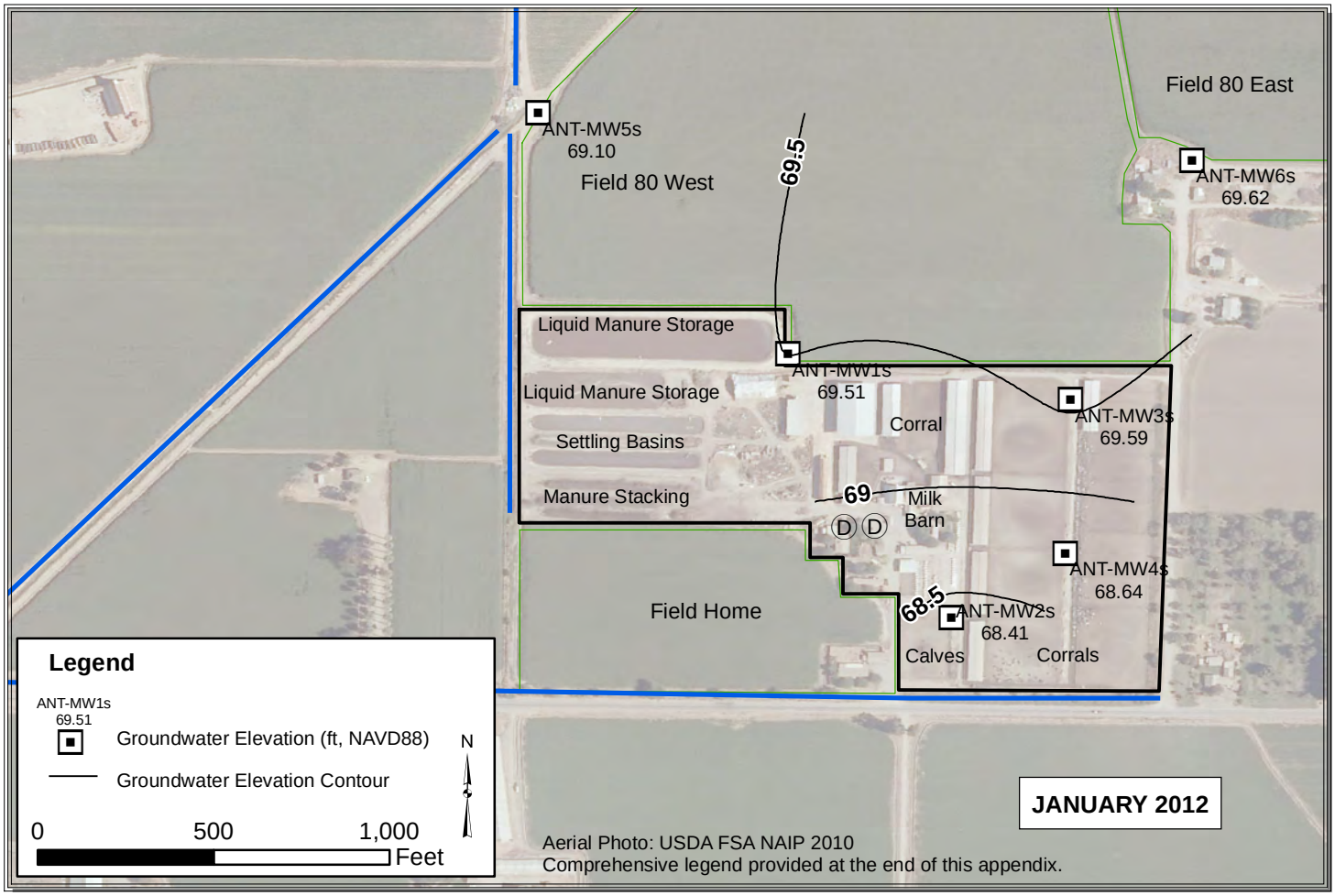
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ROB\ROB_Sep_Oct.mxd

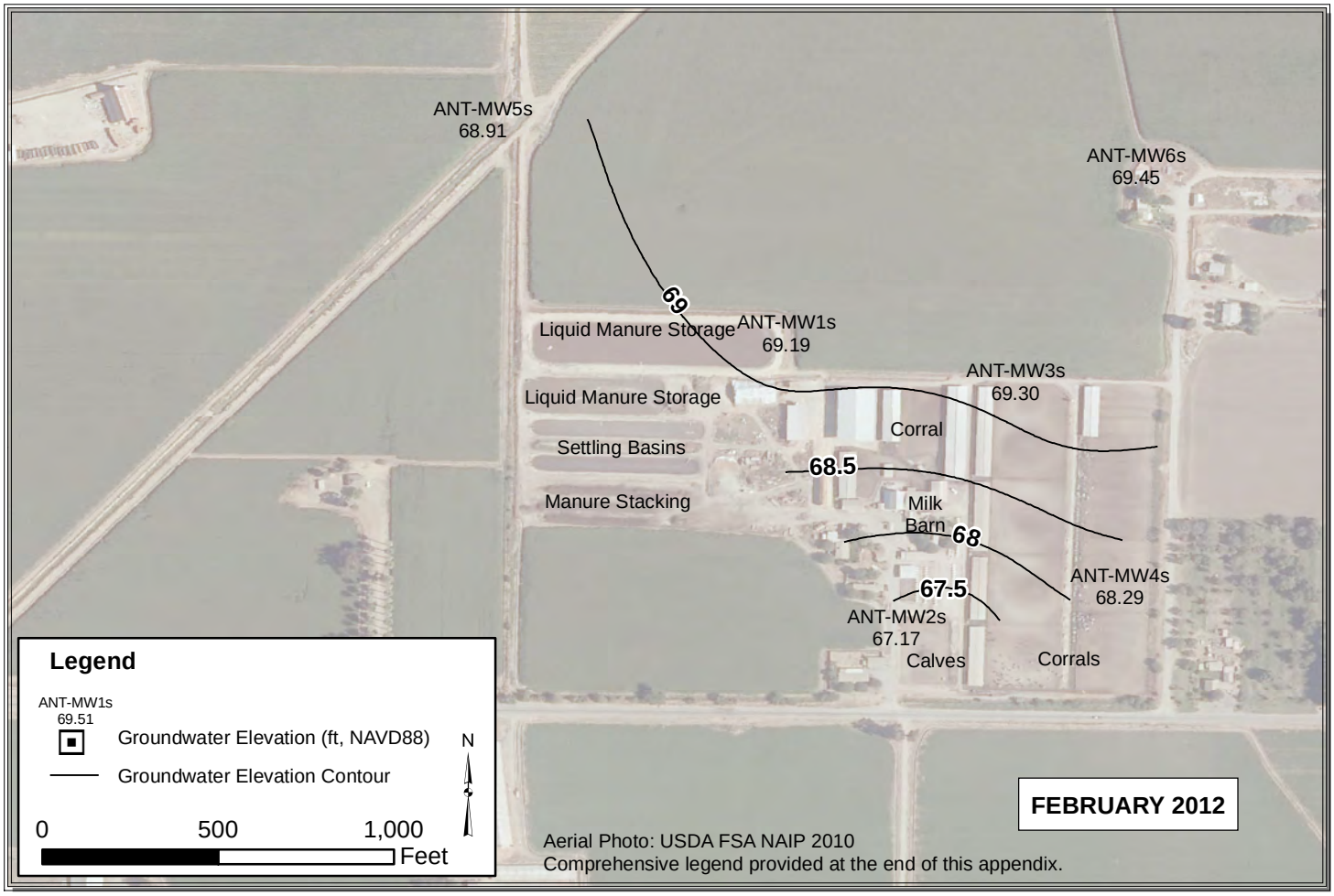




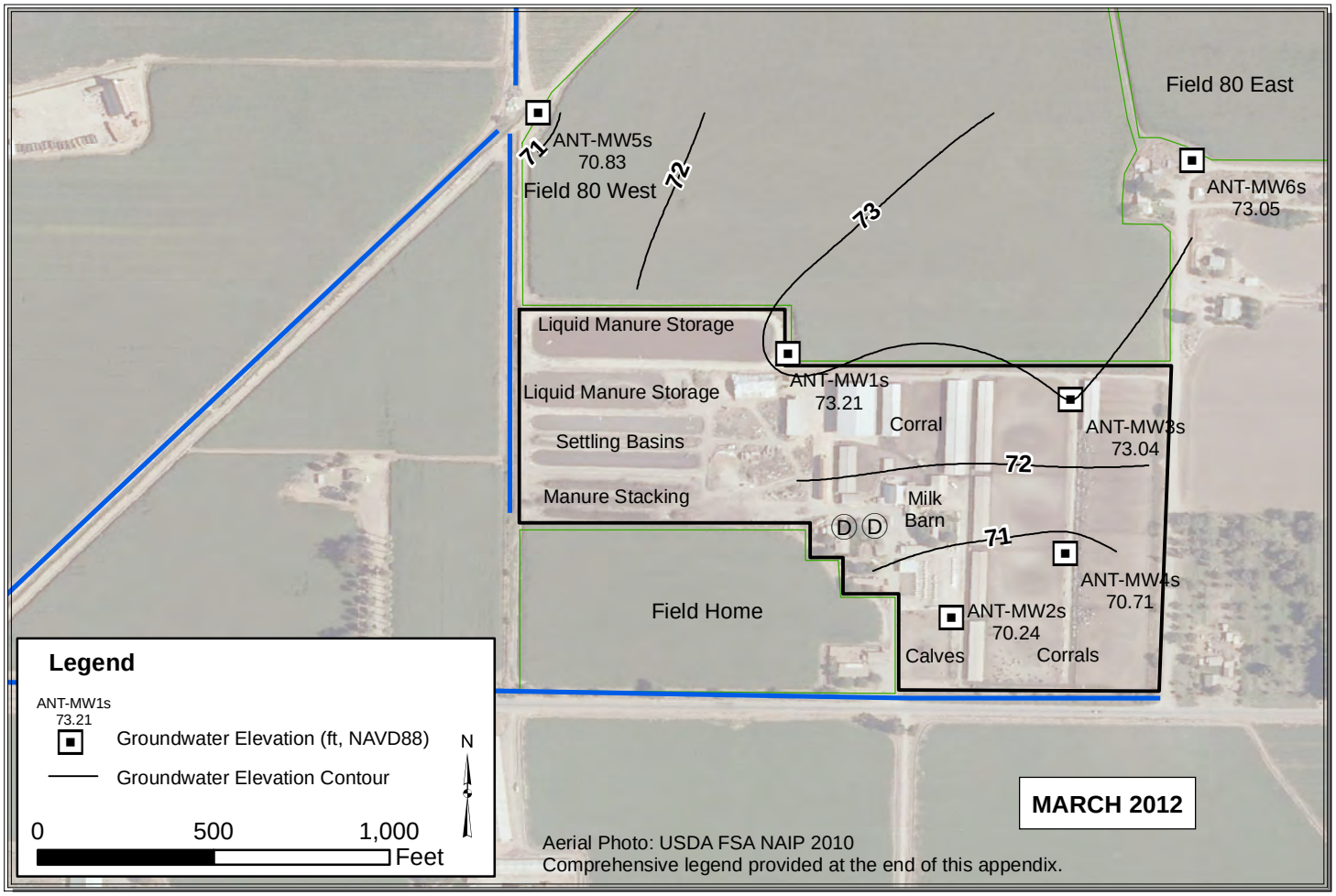
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ROB\ROB_Dec.mxd

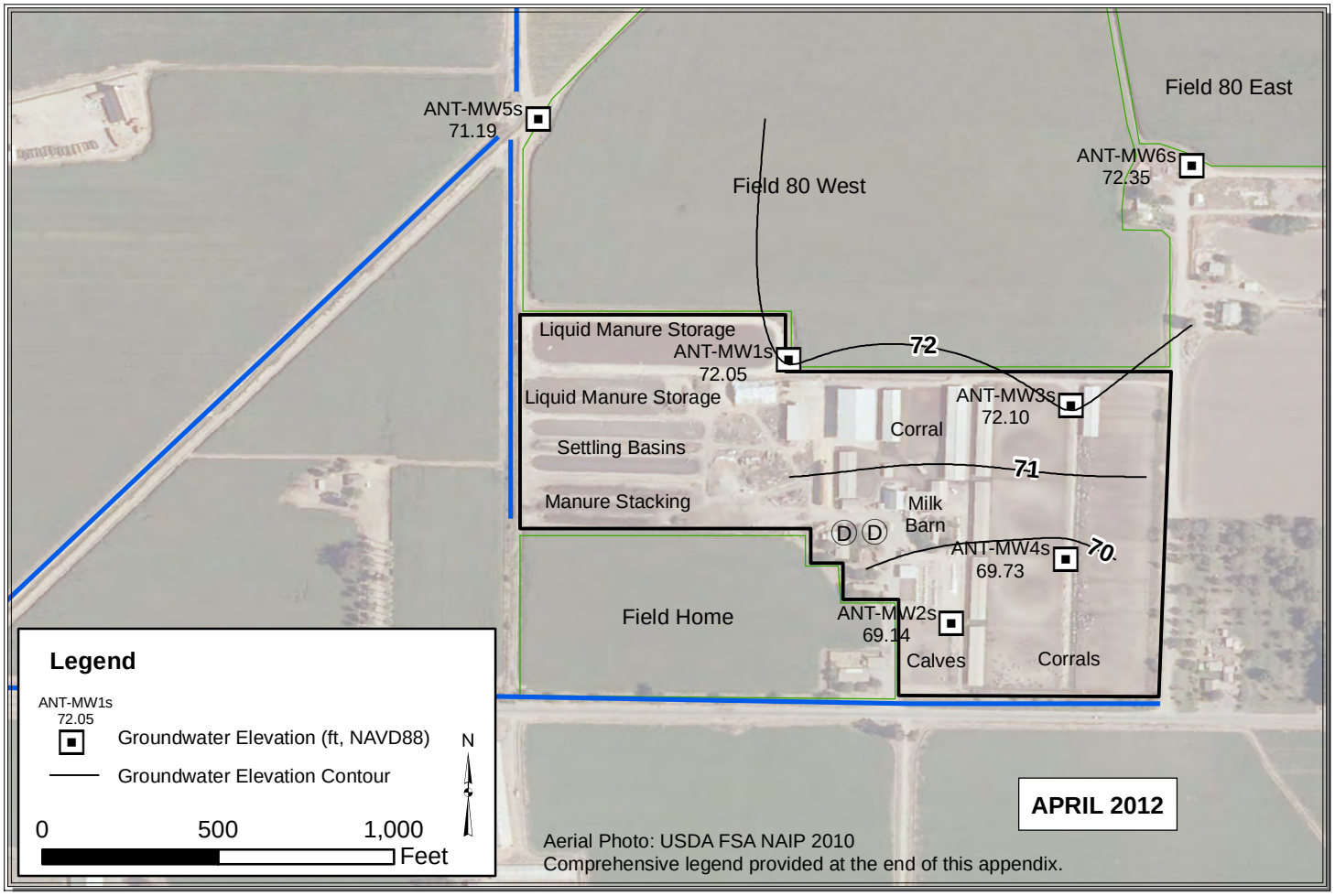
ANT



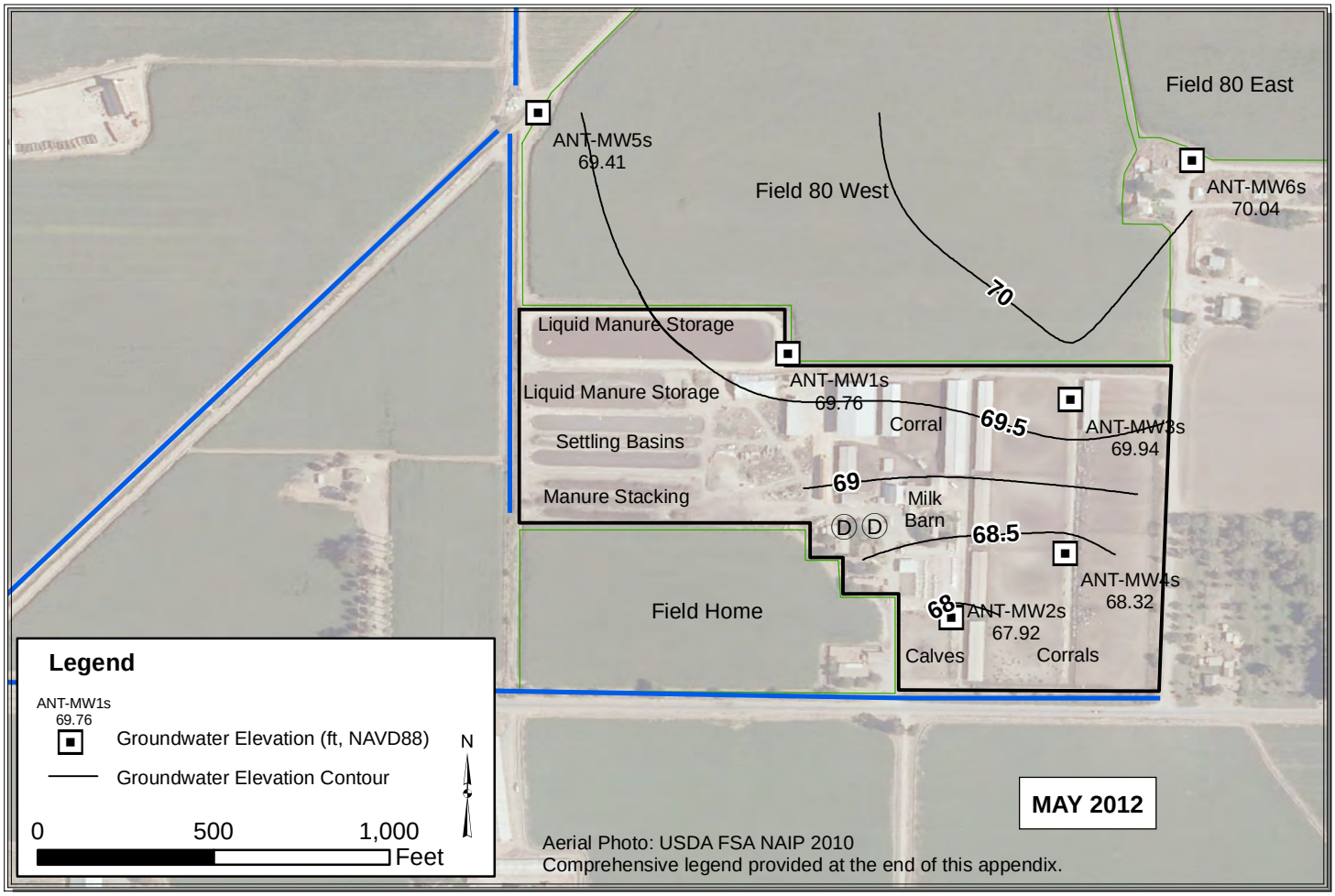


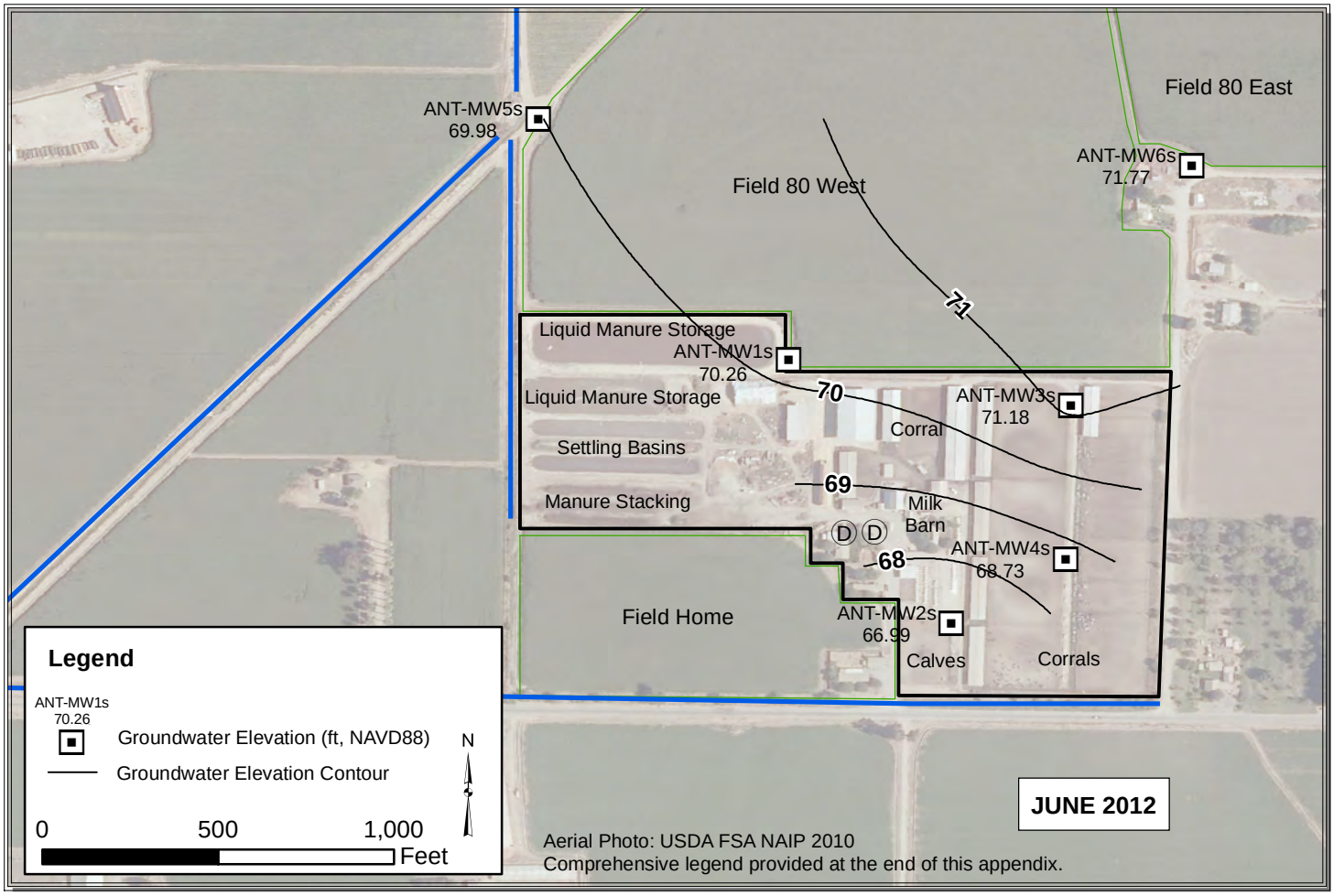
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANT\ANT_Jan_Feb.mxd



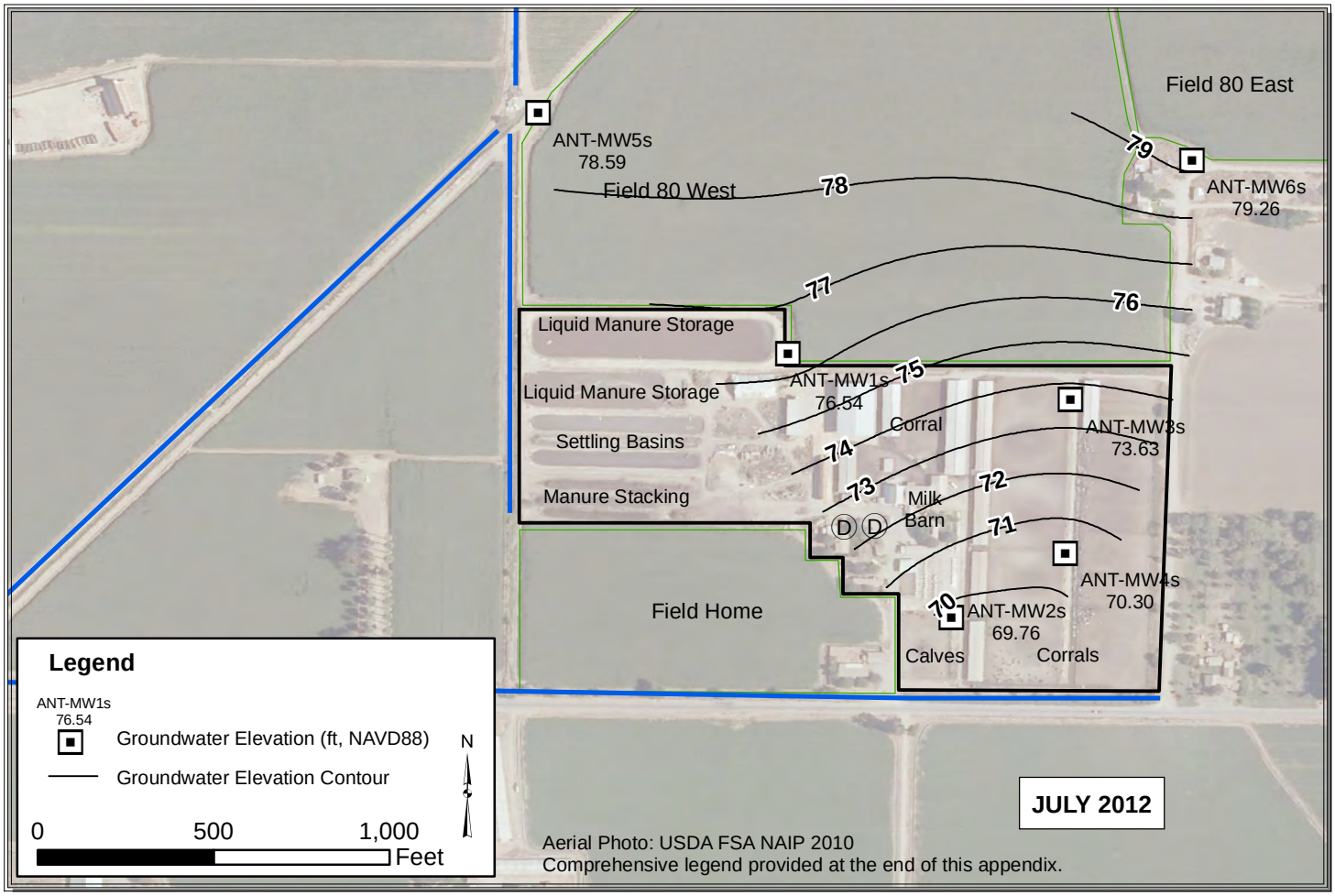


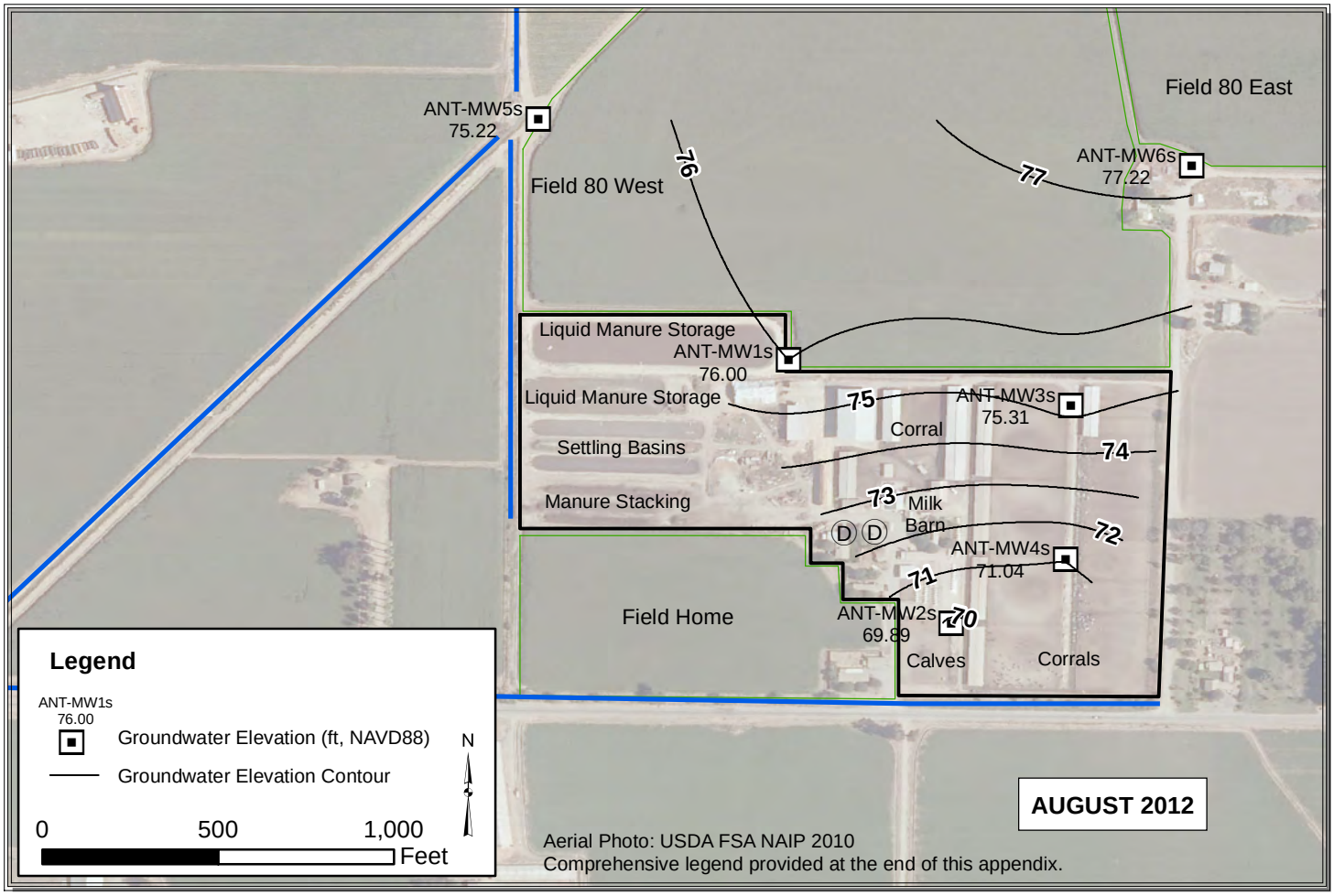
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANT\ANT_Mar_Apr.mxd



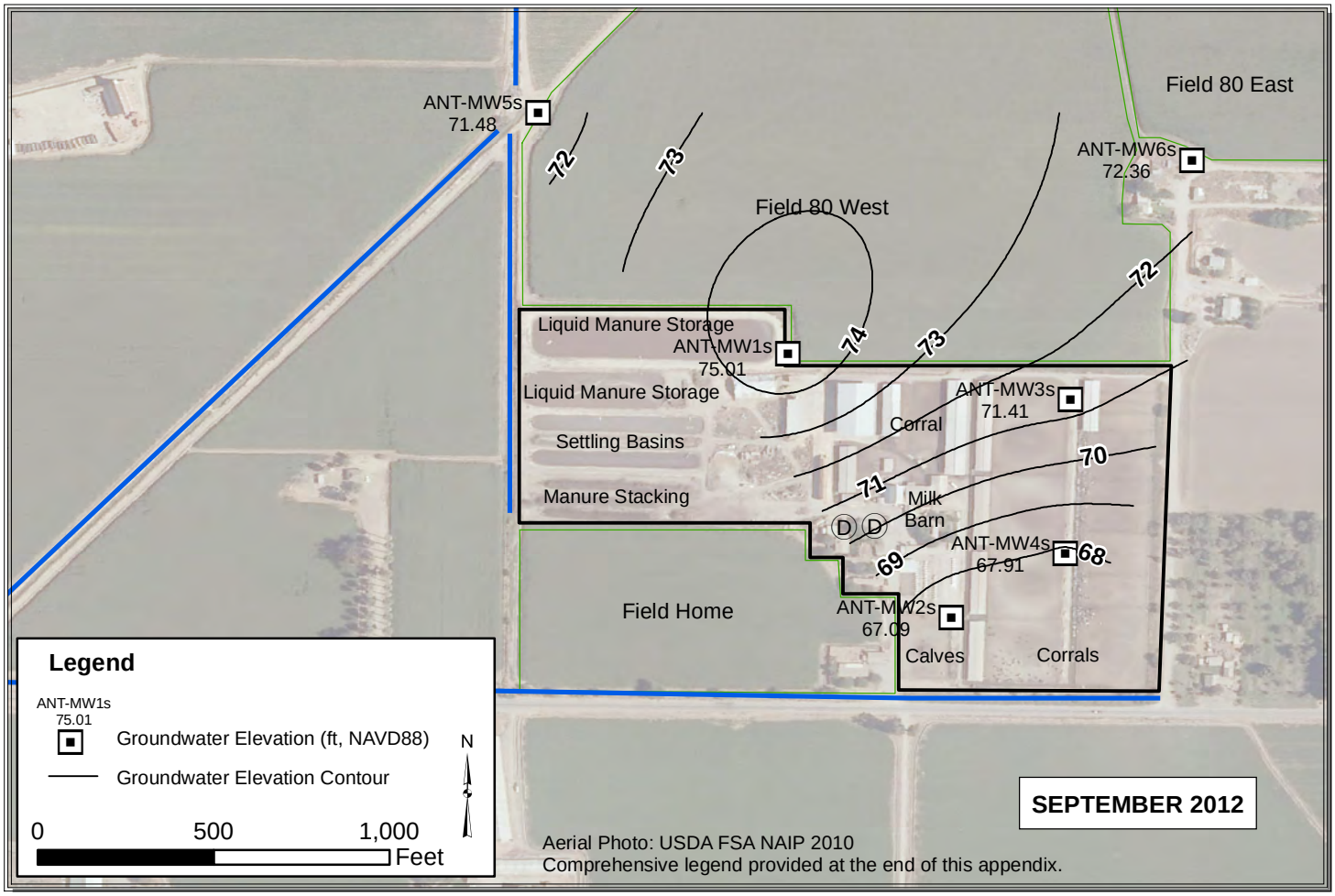


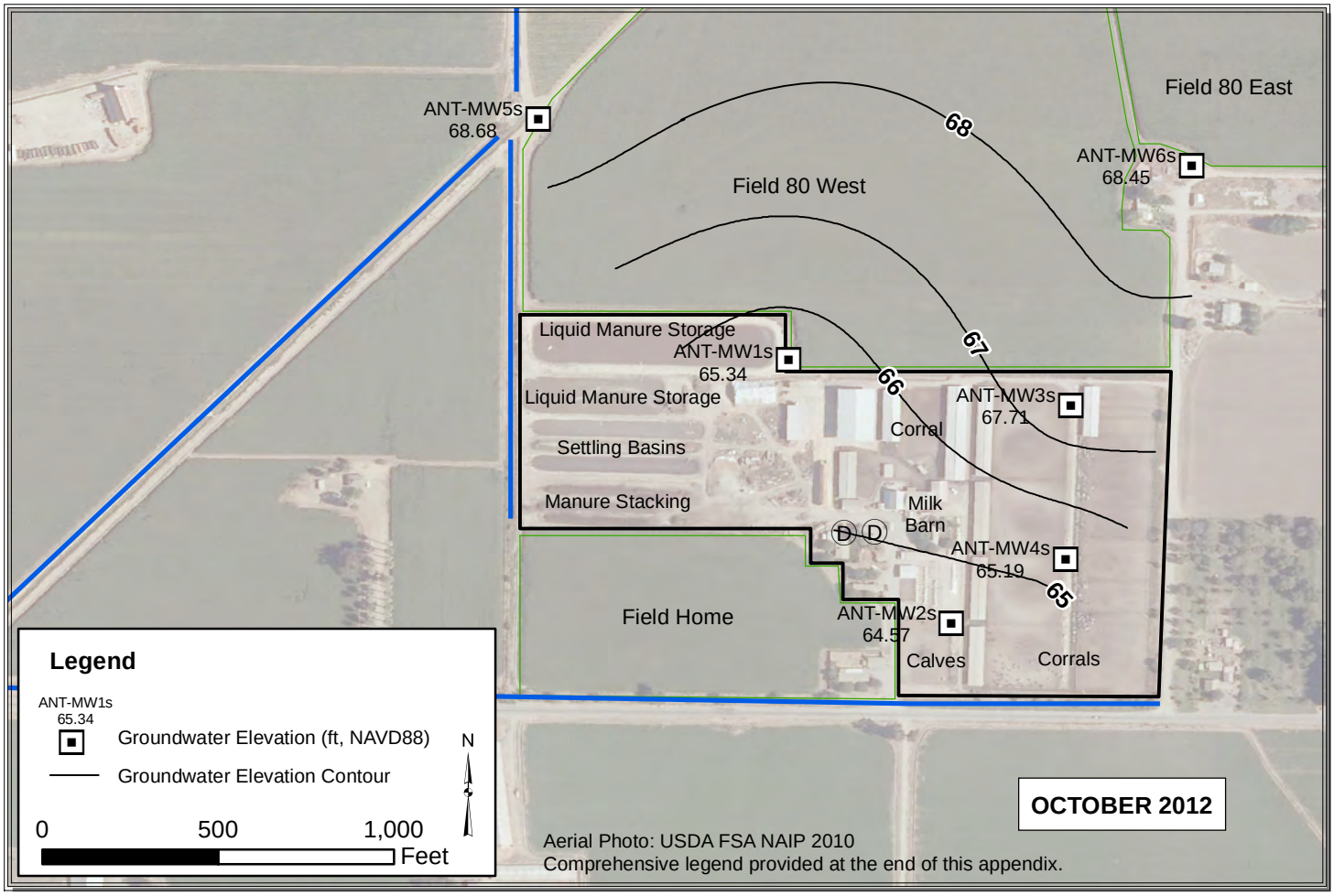
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANT\ANT_May_Jun.mxd



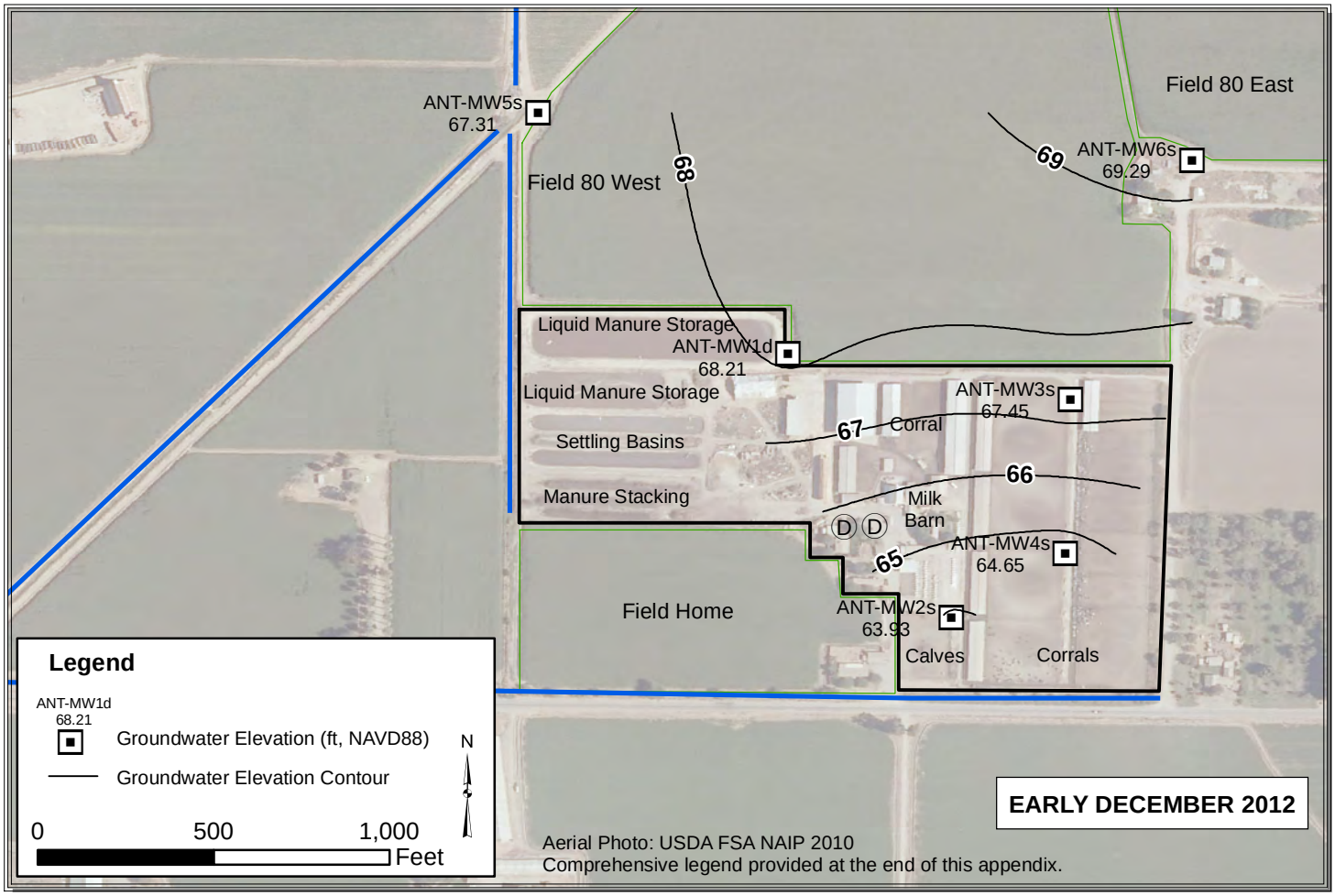


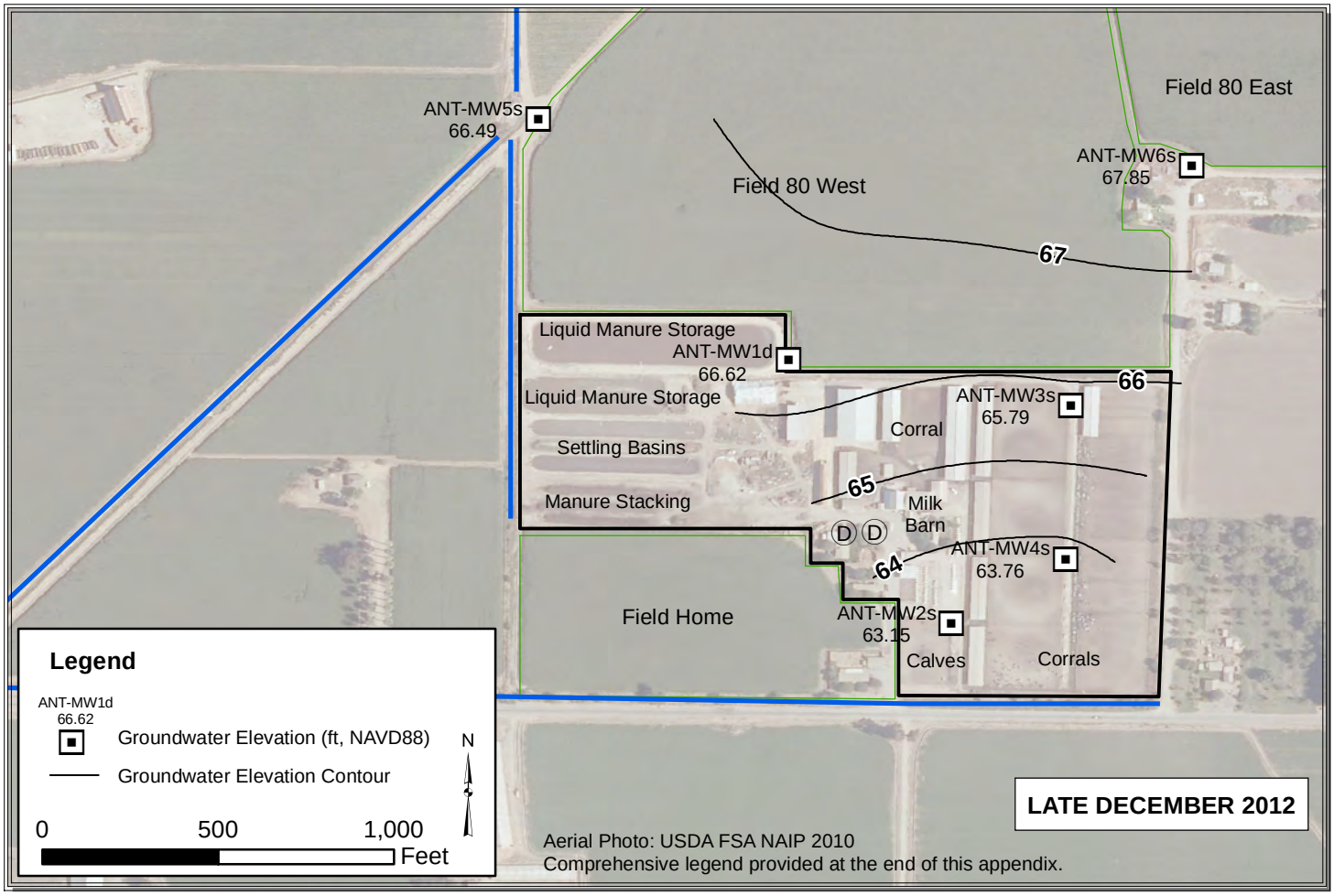
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANT\ANT_Jul_Aug.mxd





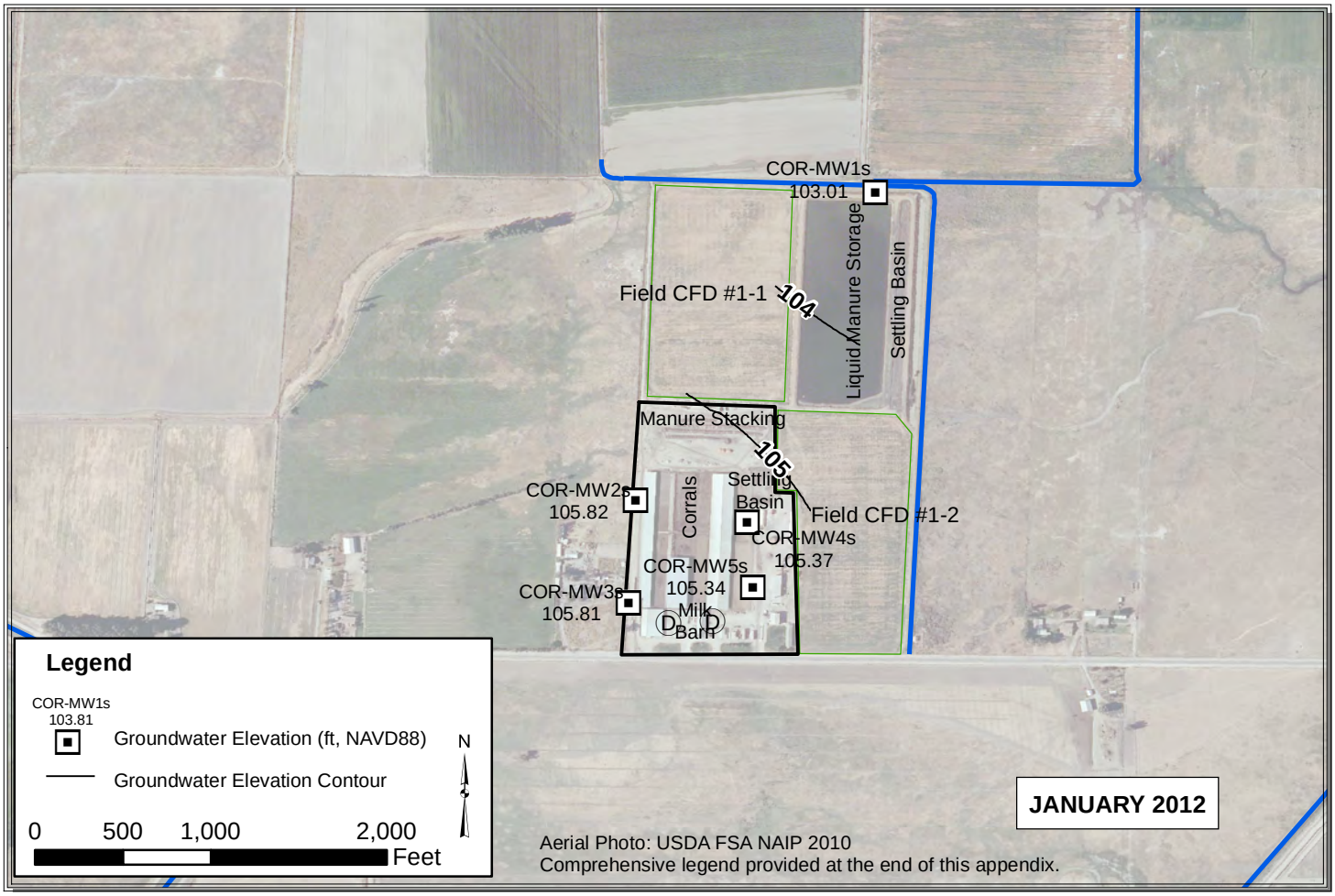
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANT\ANT_Sep_Oct.mxd

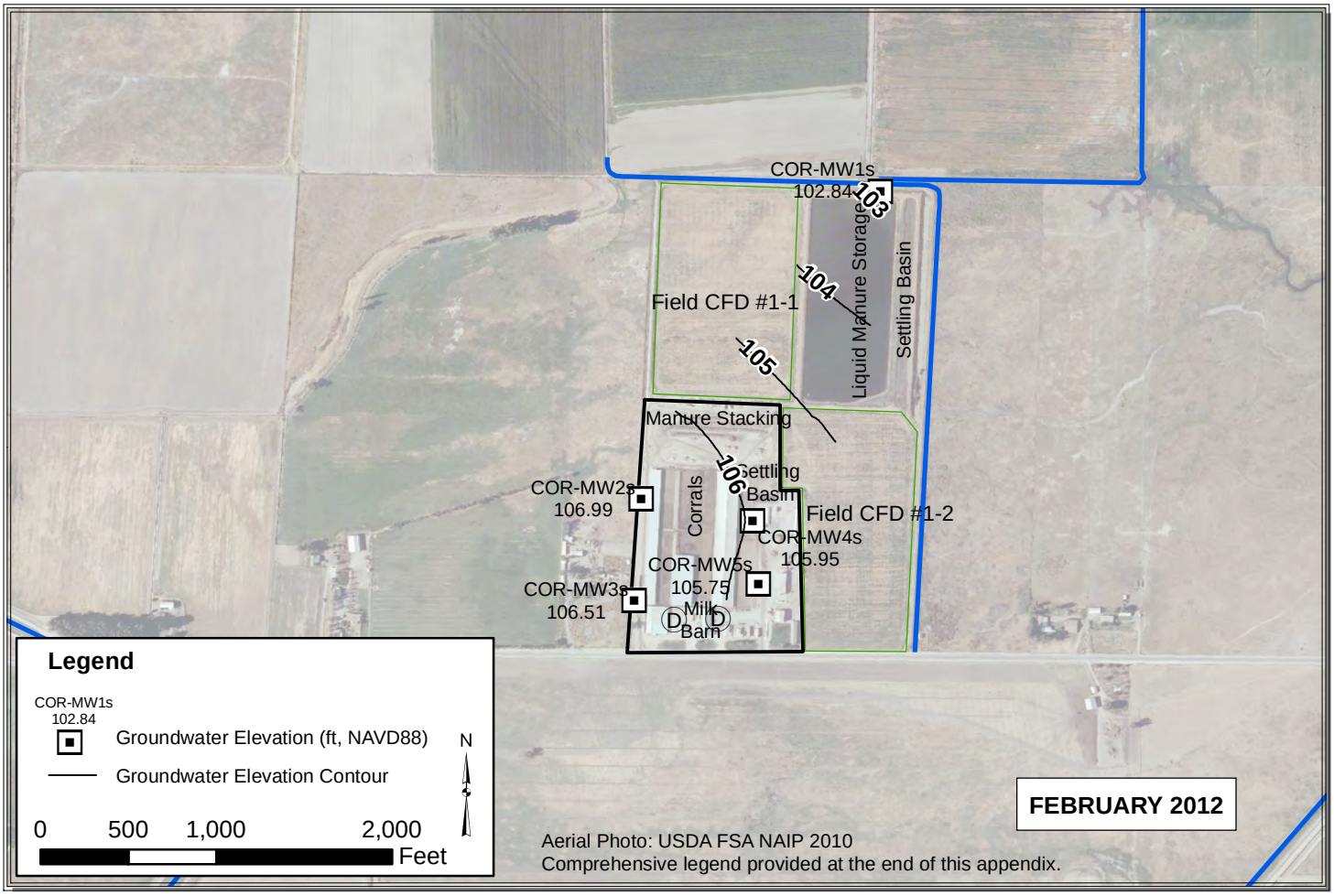




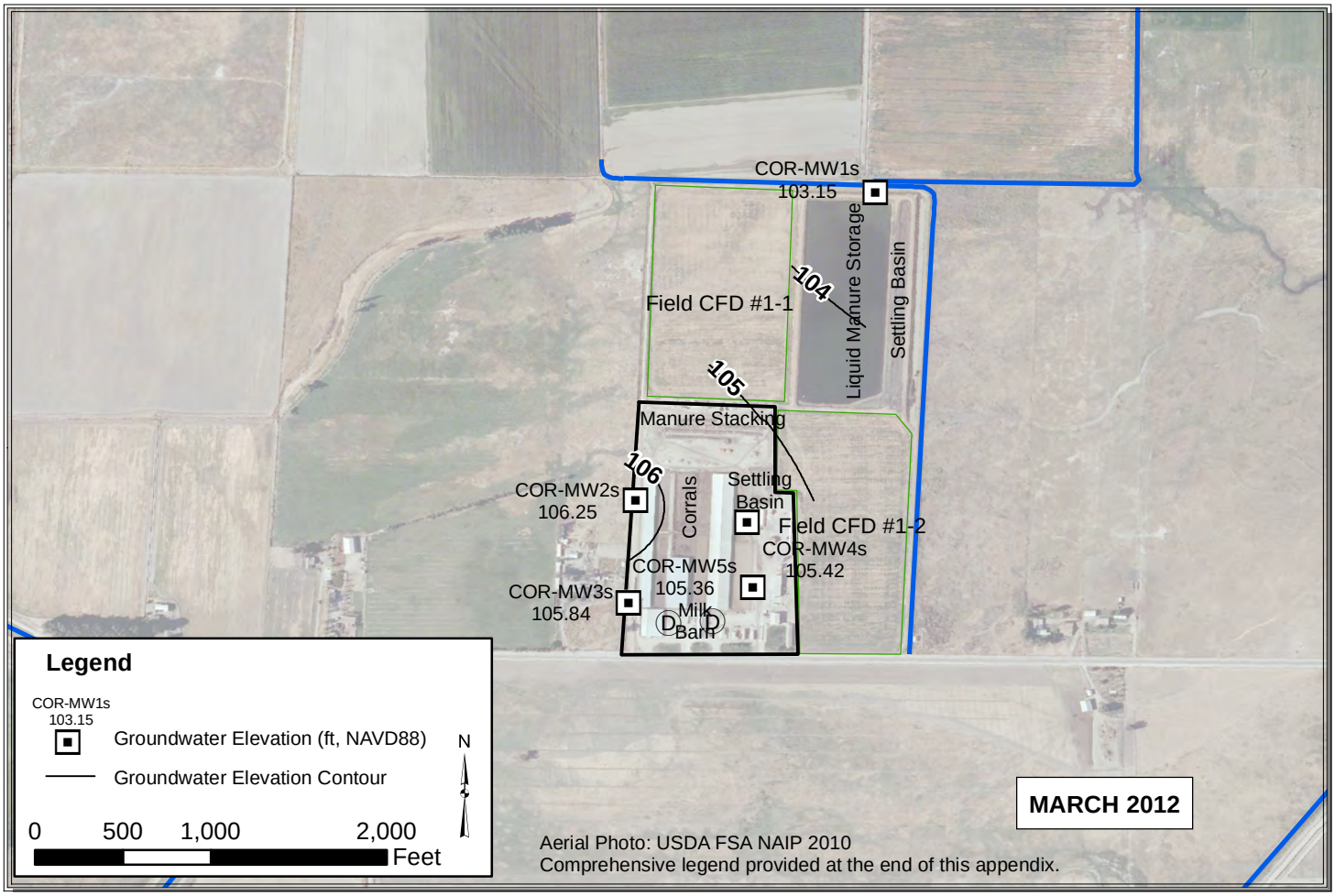
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\ANT\ANT_Dec.mxd

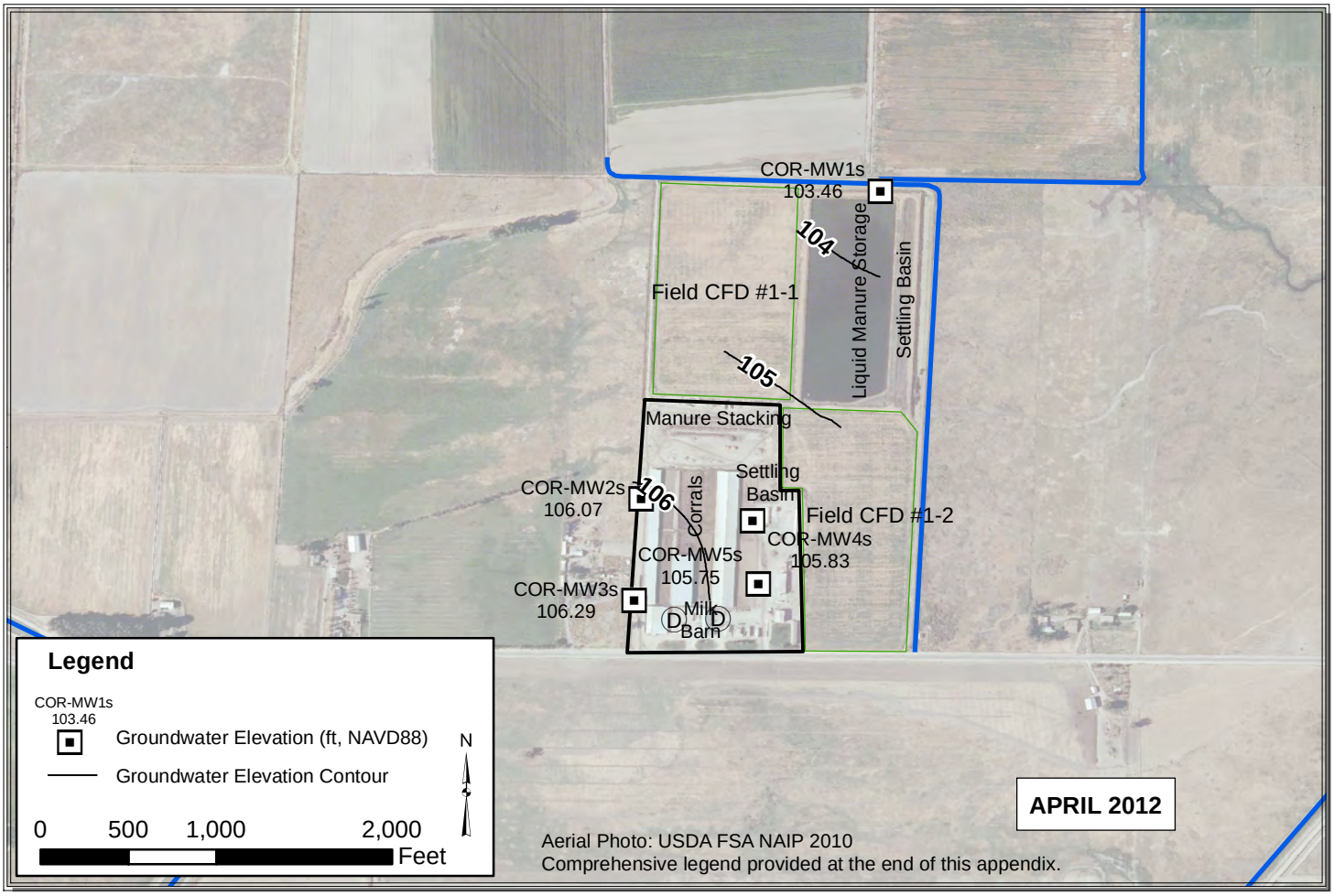
COR



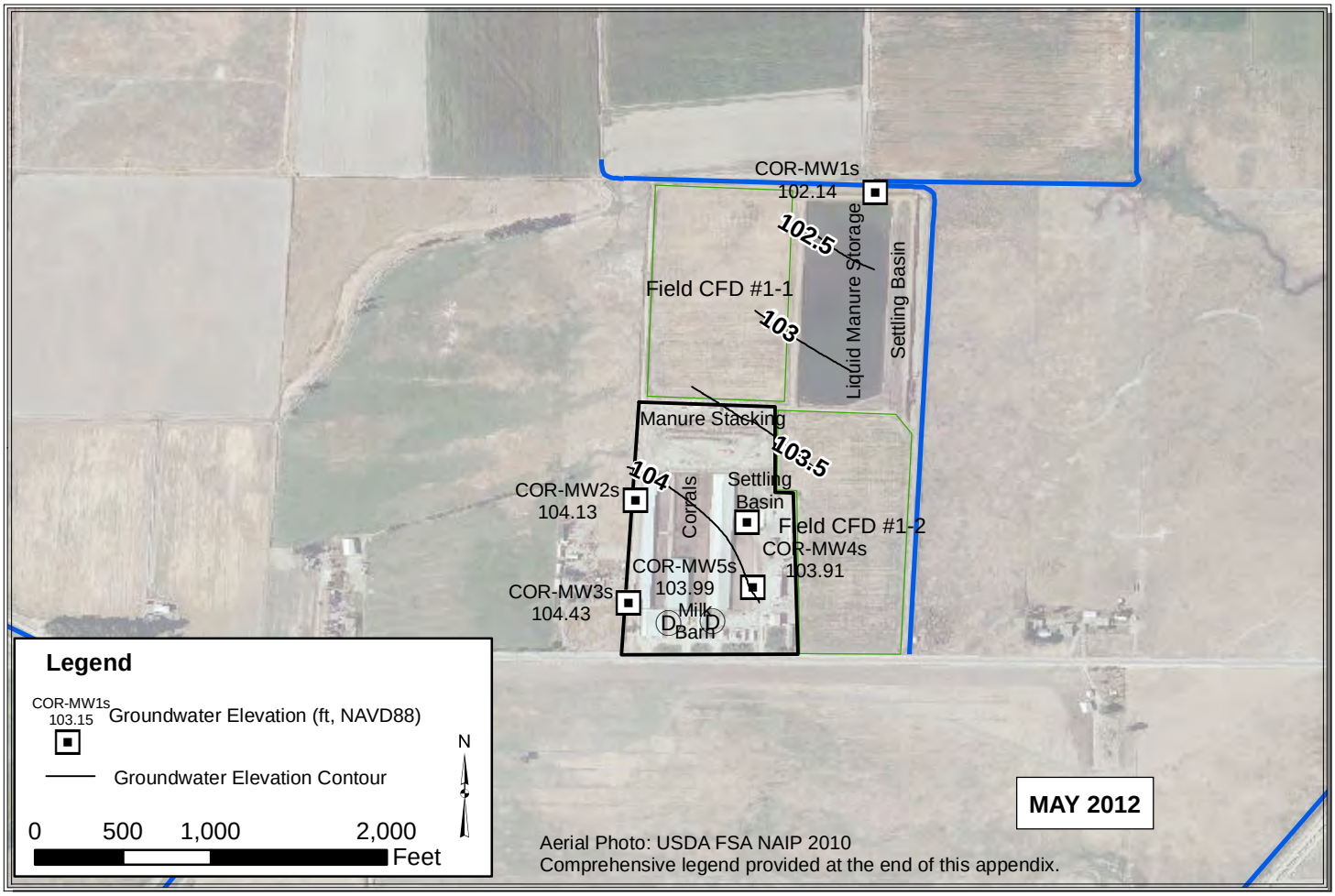


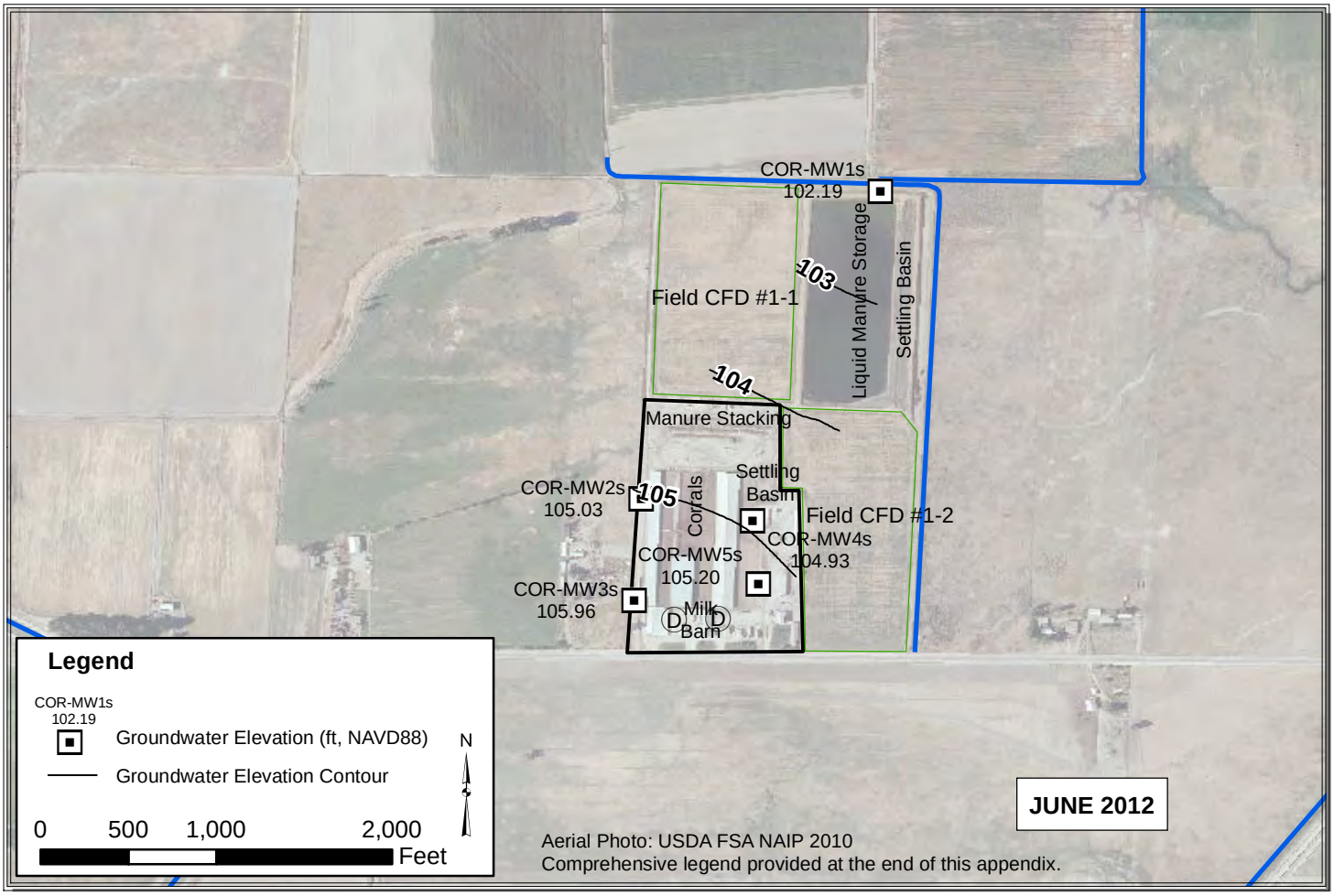
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COR\COR_Jan_Feb.mxd



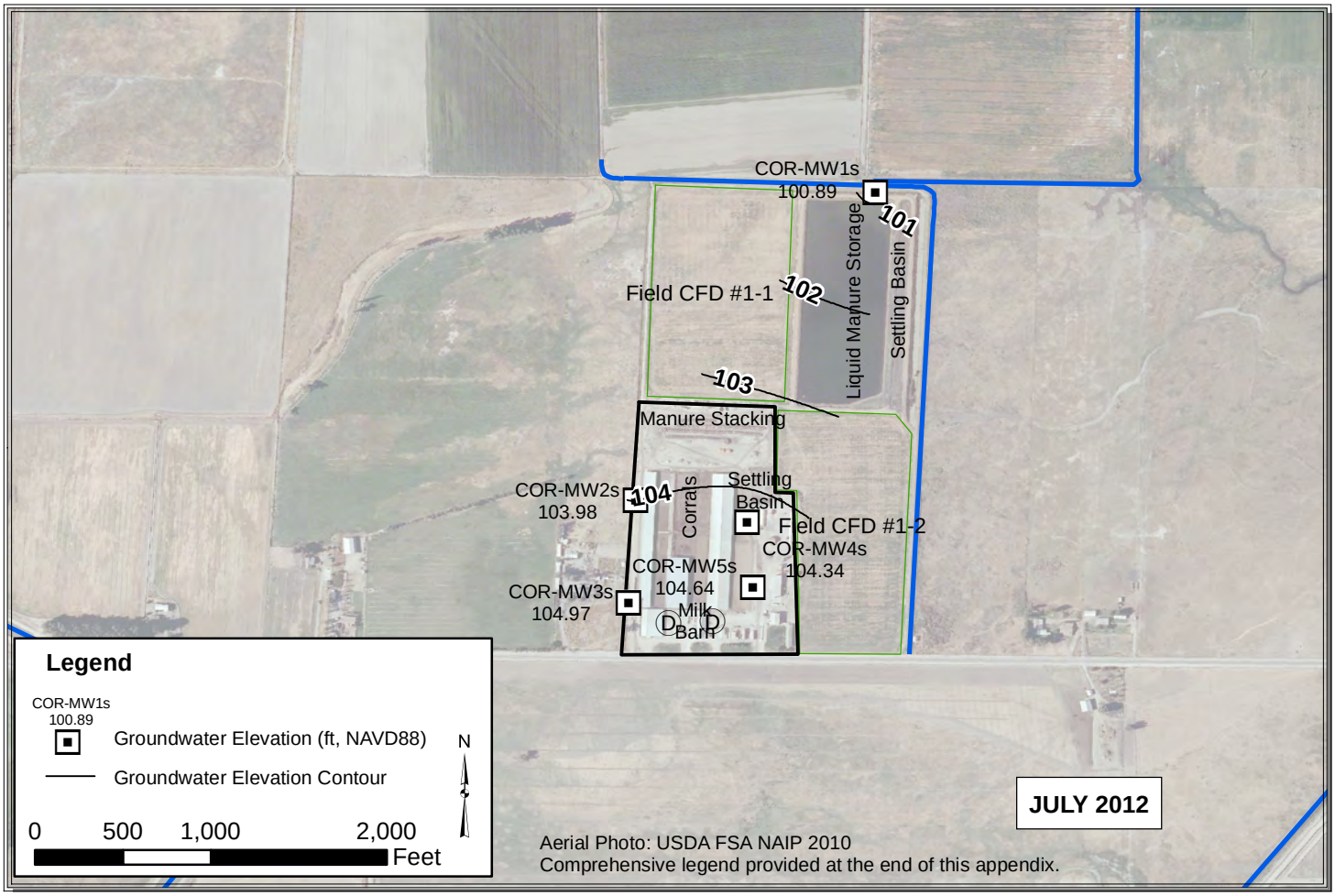


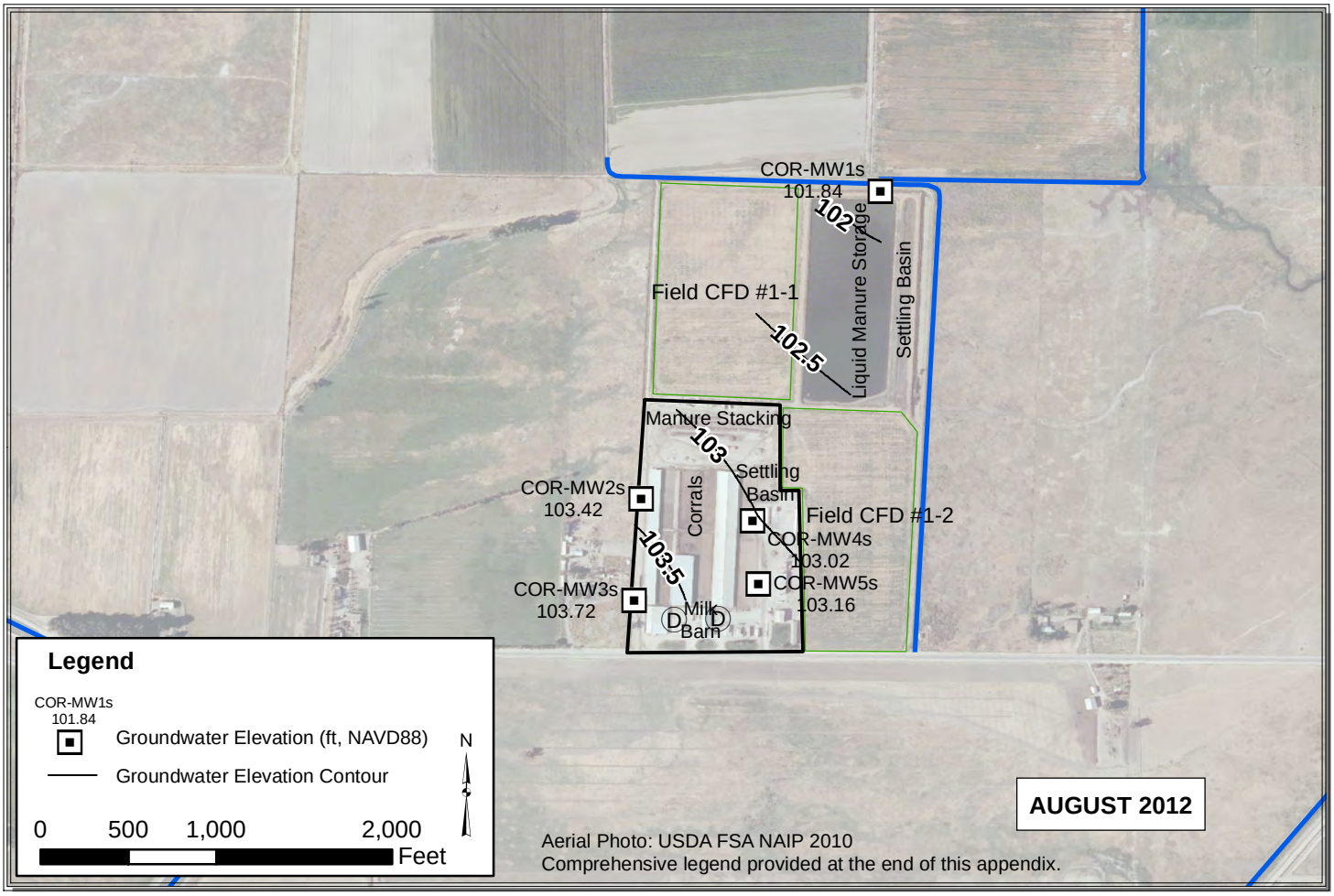
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COR\COR_Mar_Apr.mxd



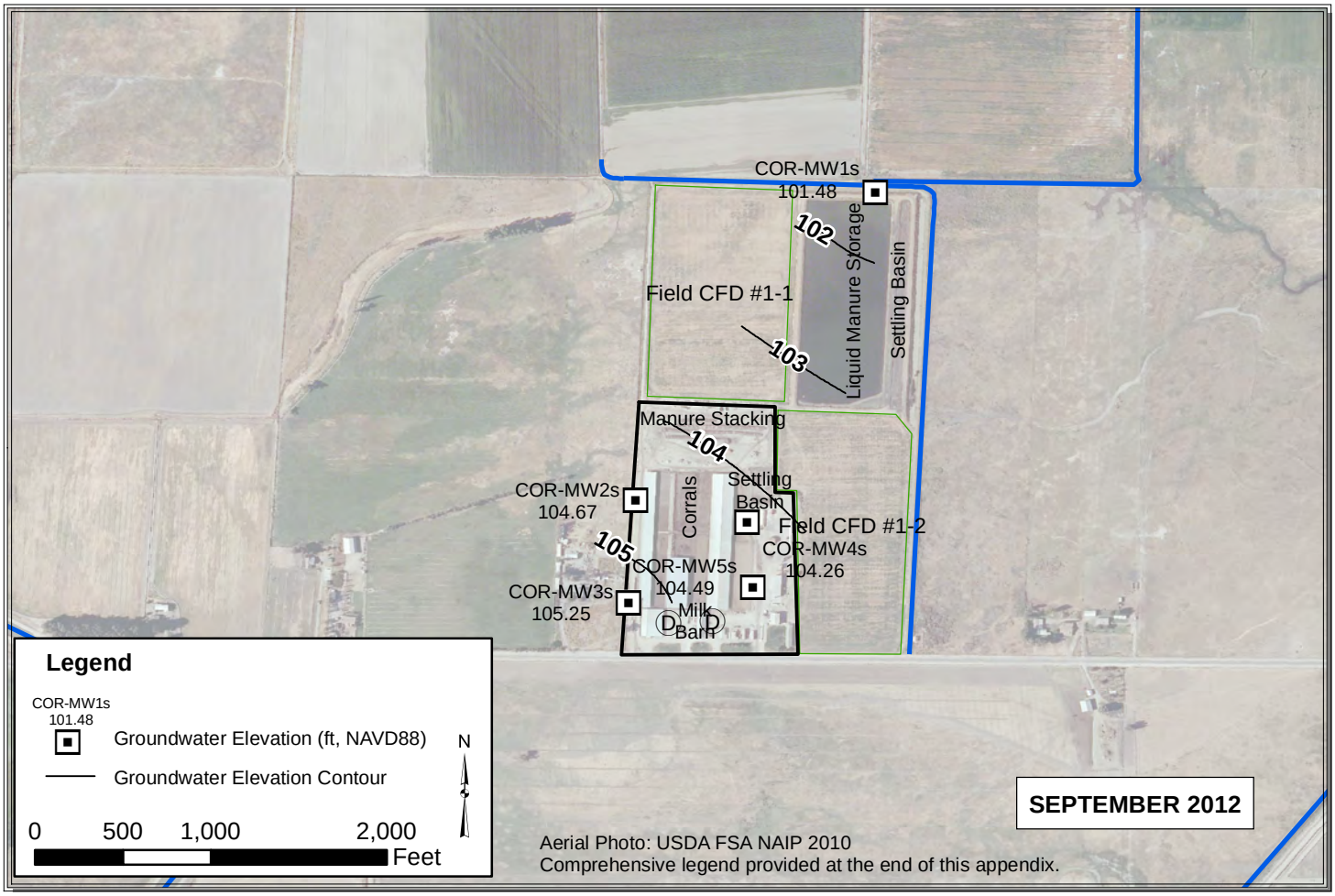


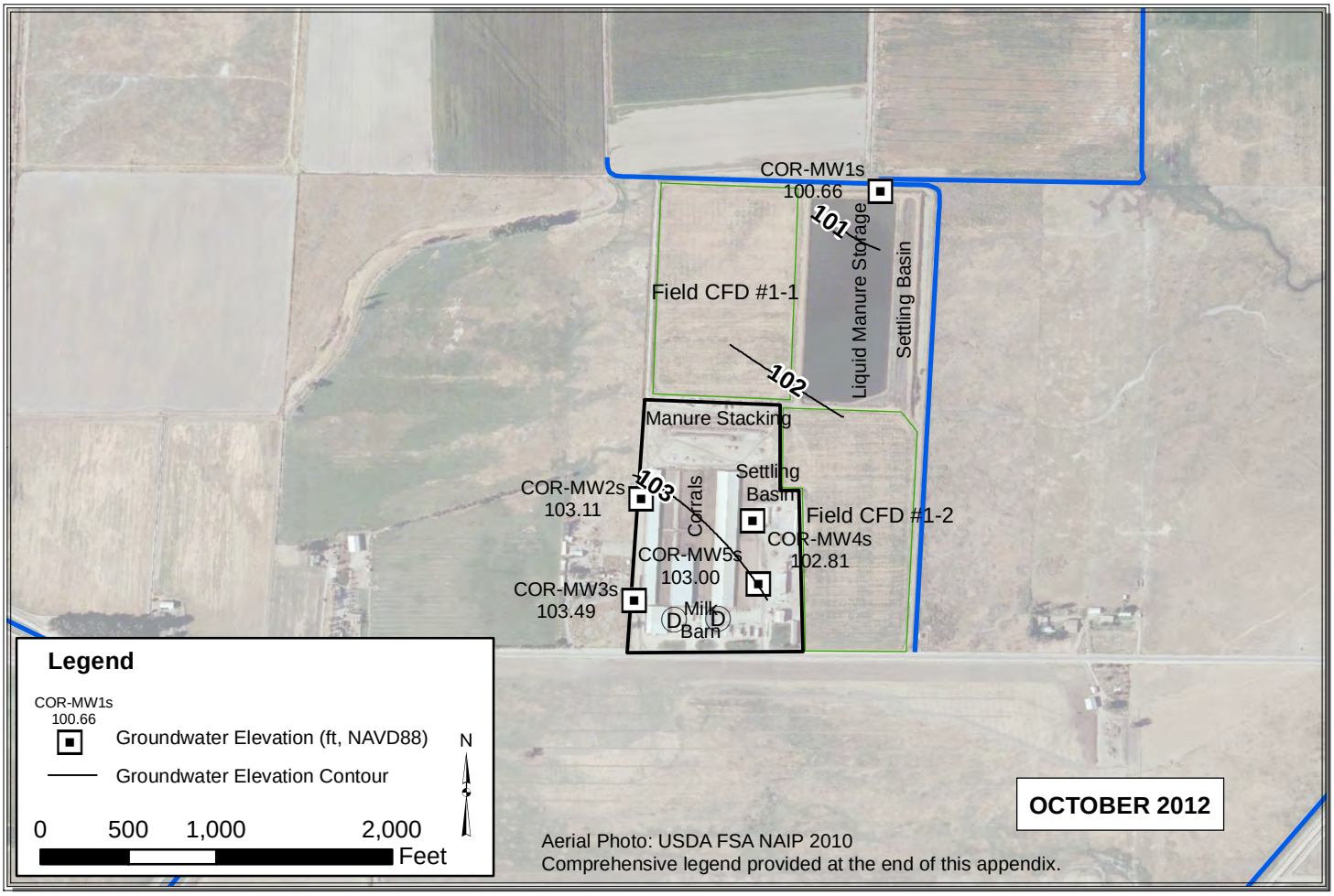
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COR\COR_May_June.mxd



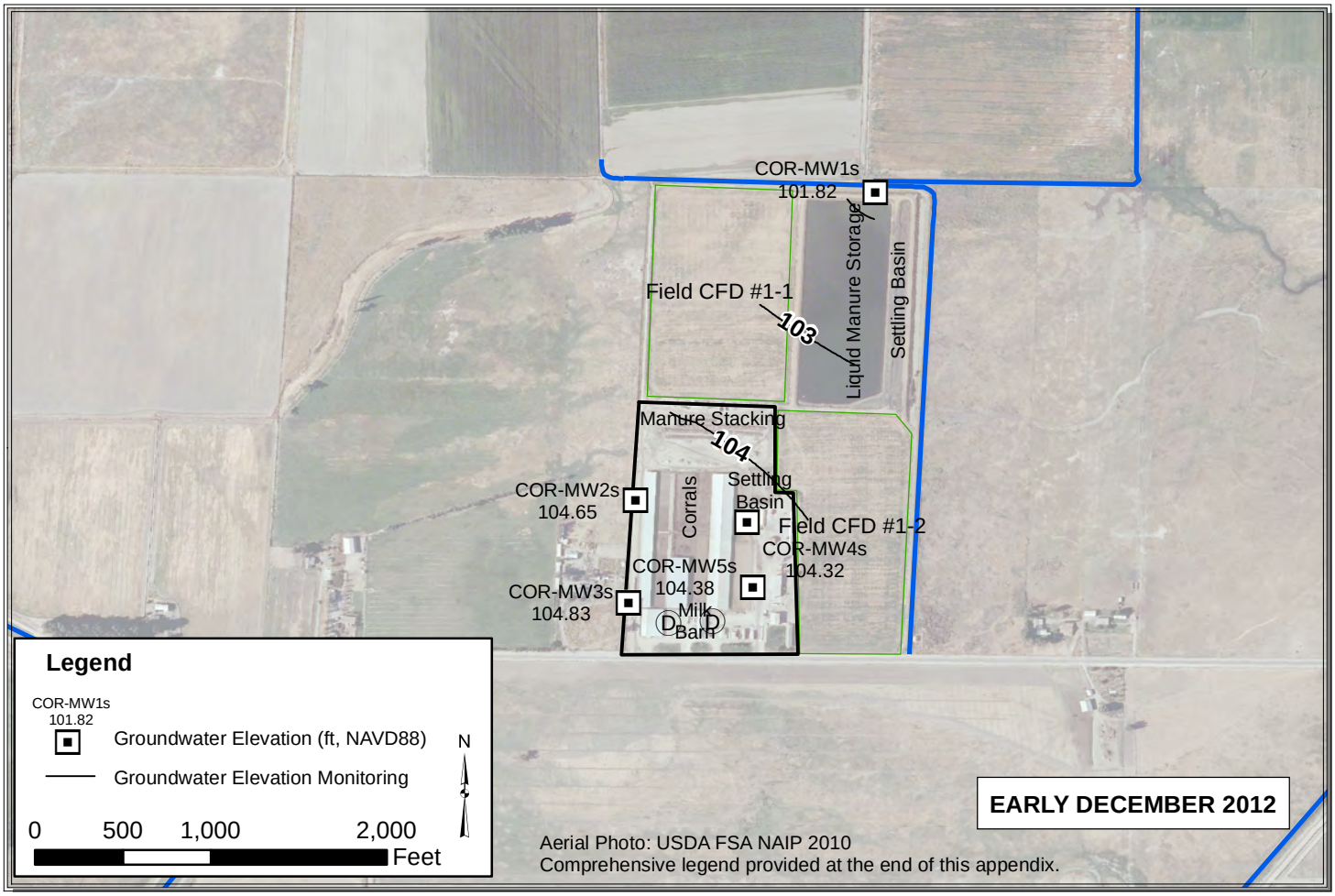


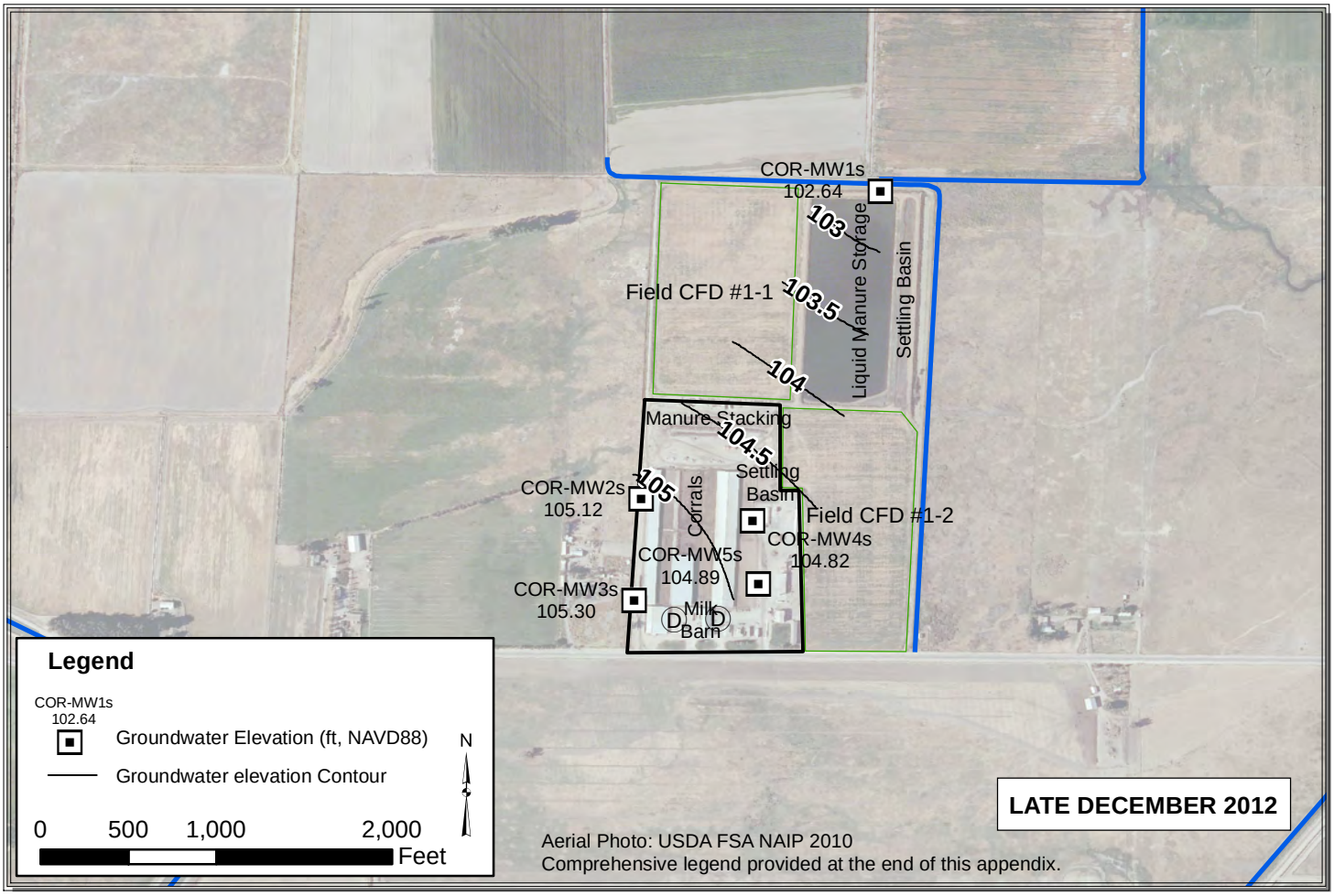
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COR\COR_July_Aug.mxd





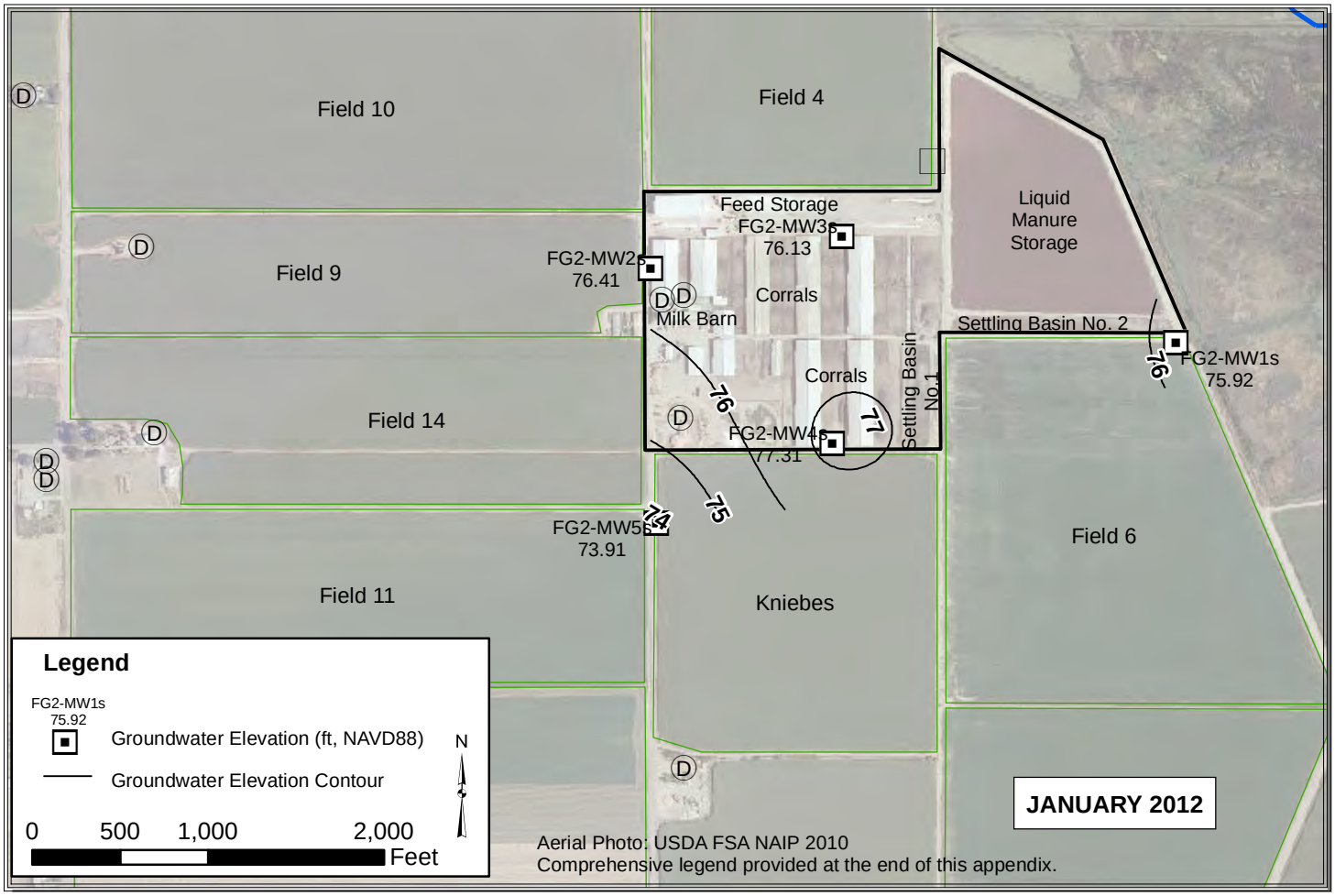
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COR\COR_Sep_Oct.mxd

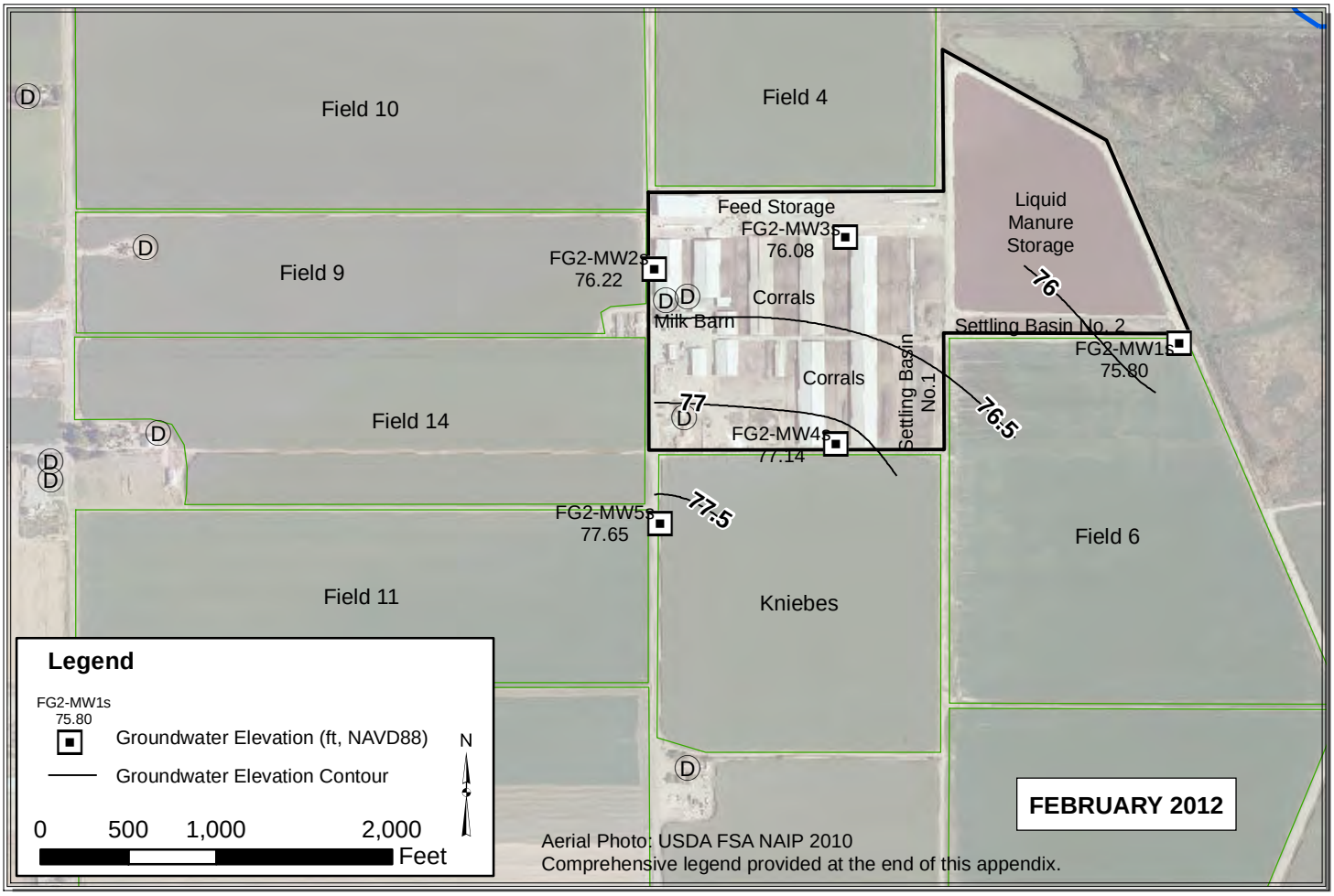




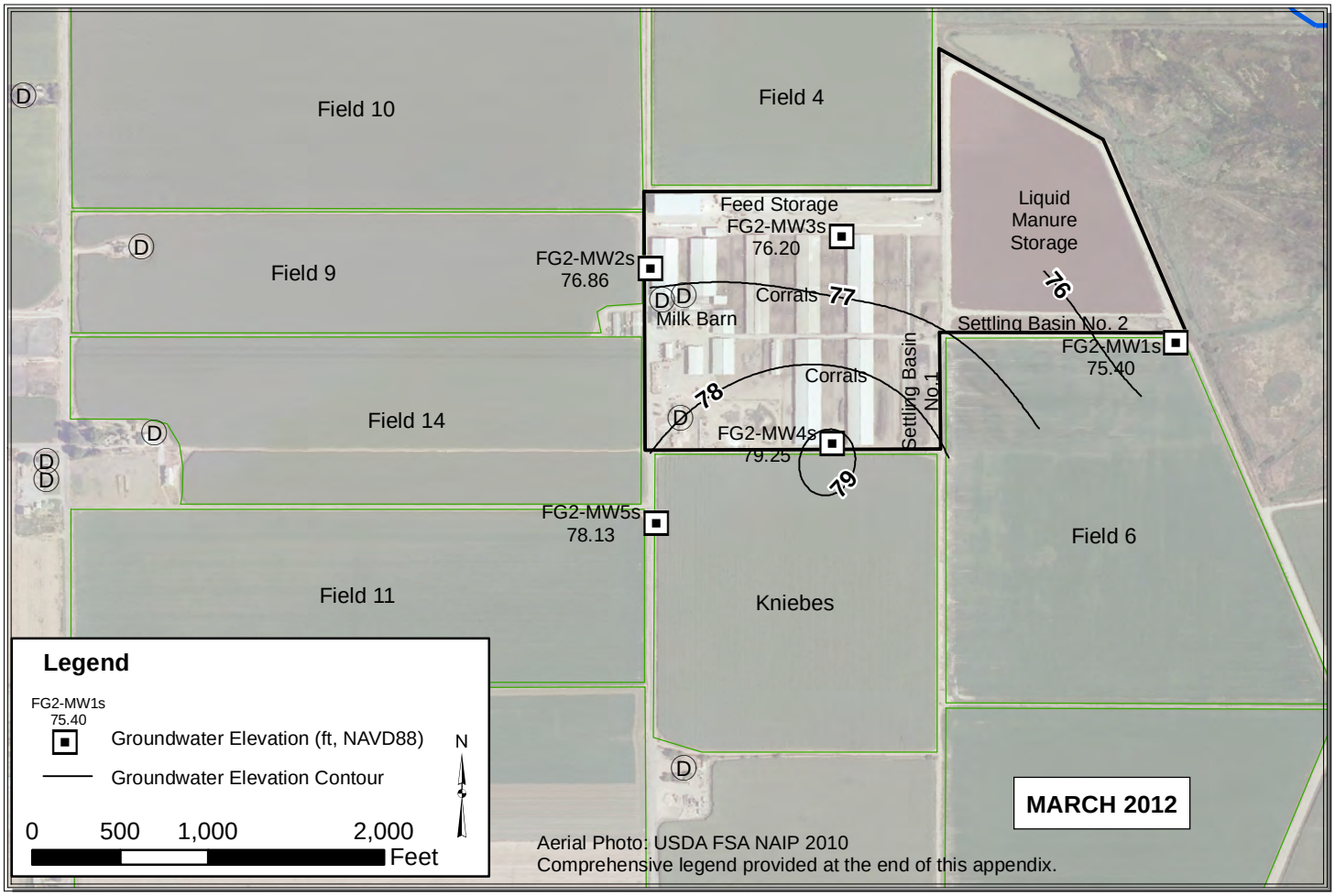
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\COR\COR_Dec.mxd

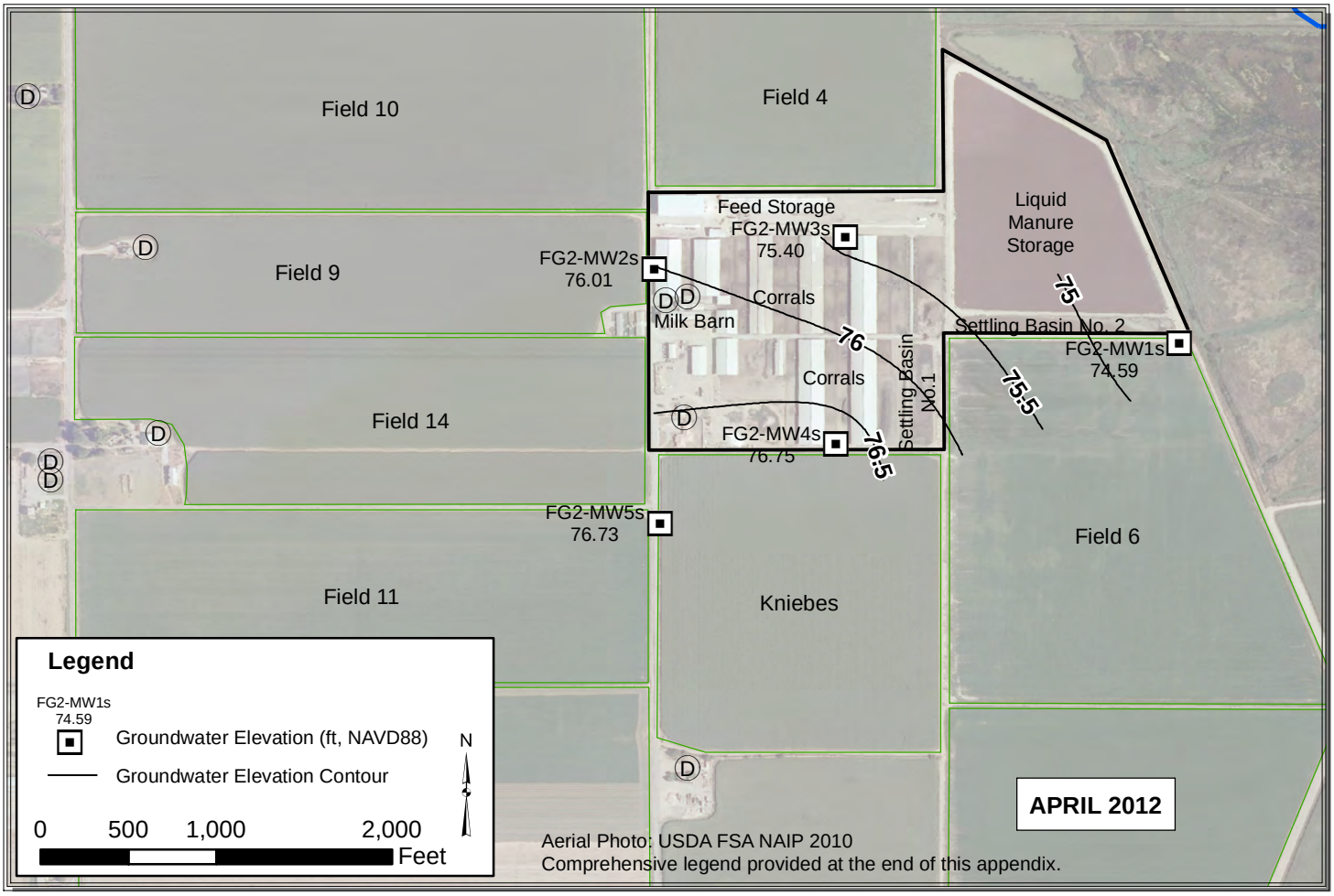
FG2



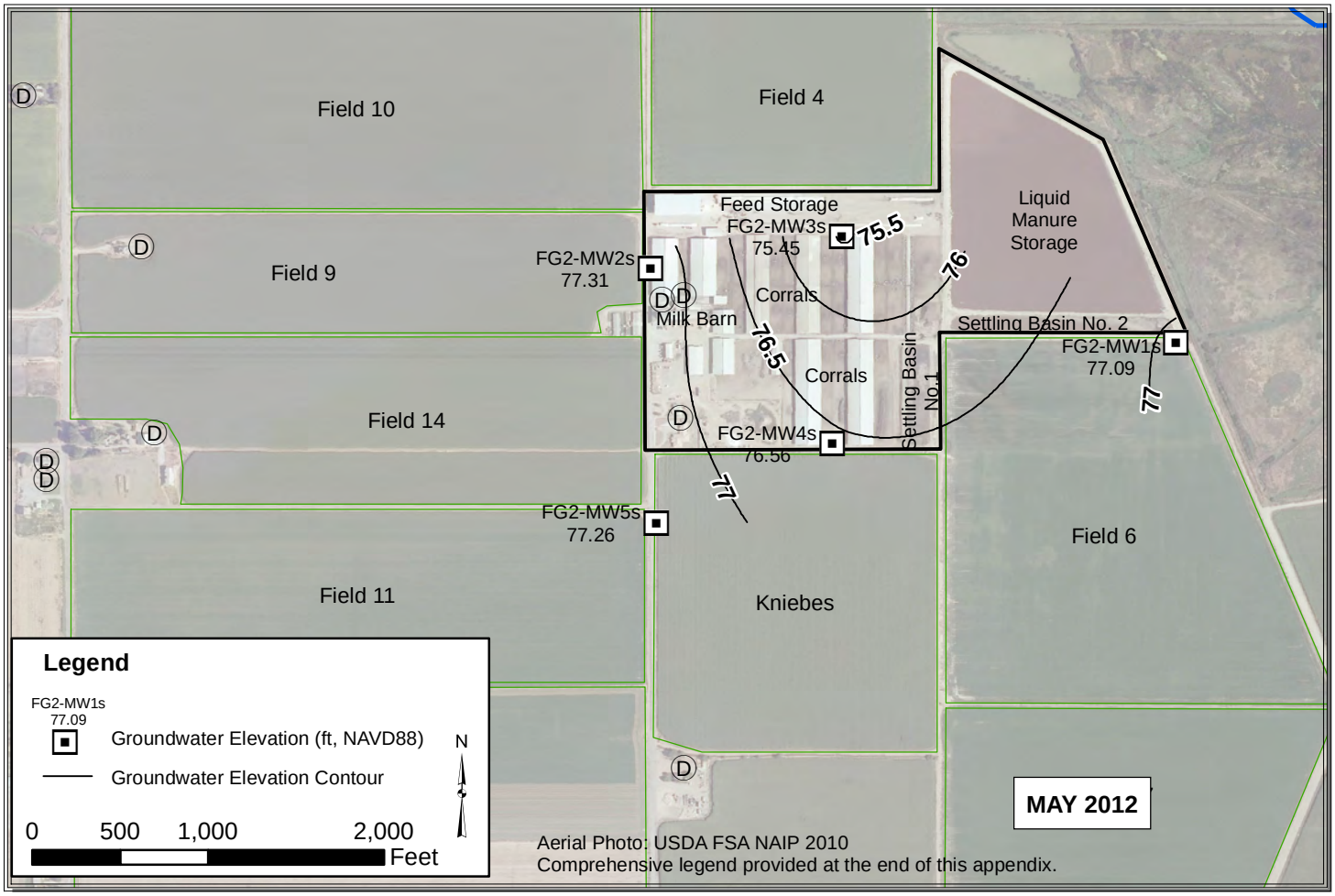


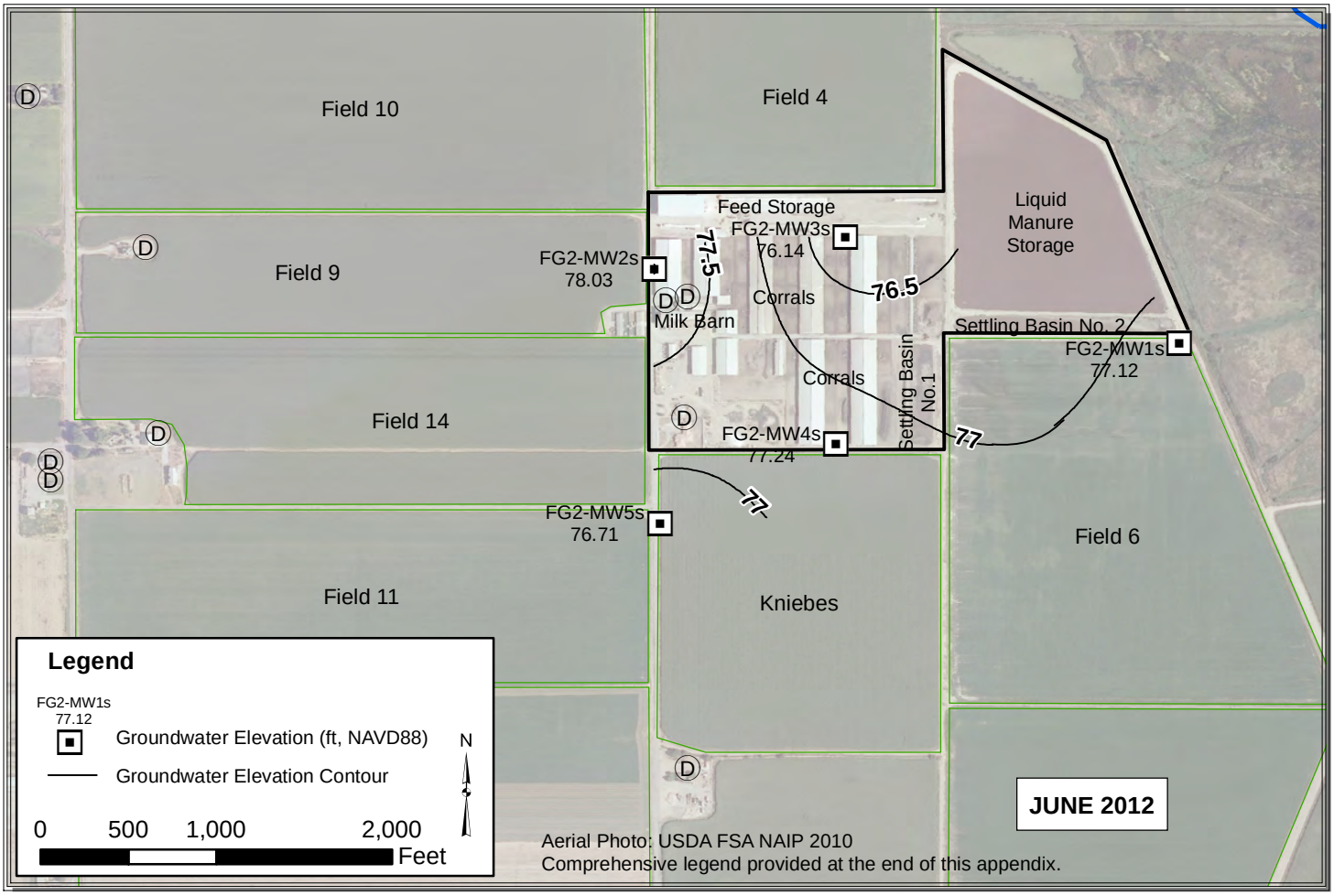
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG2\FG2_Jan_Feb.mxd



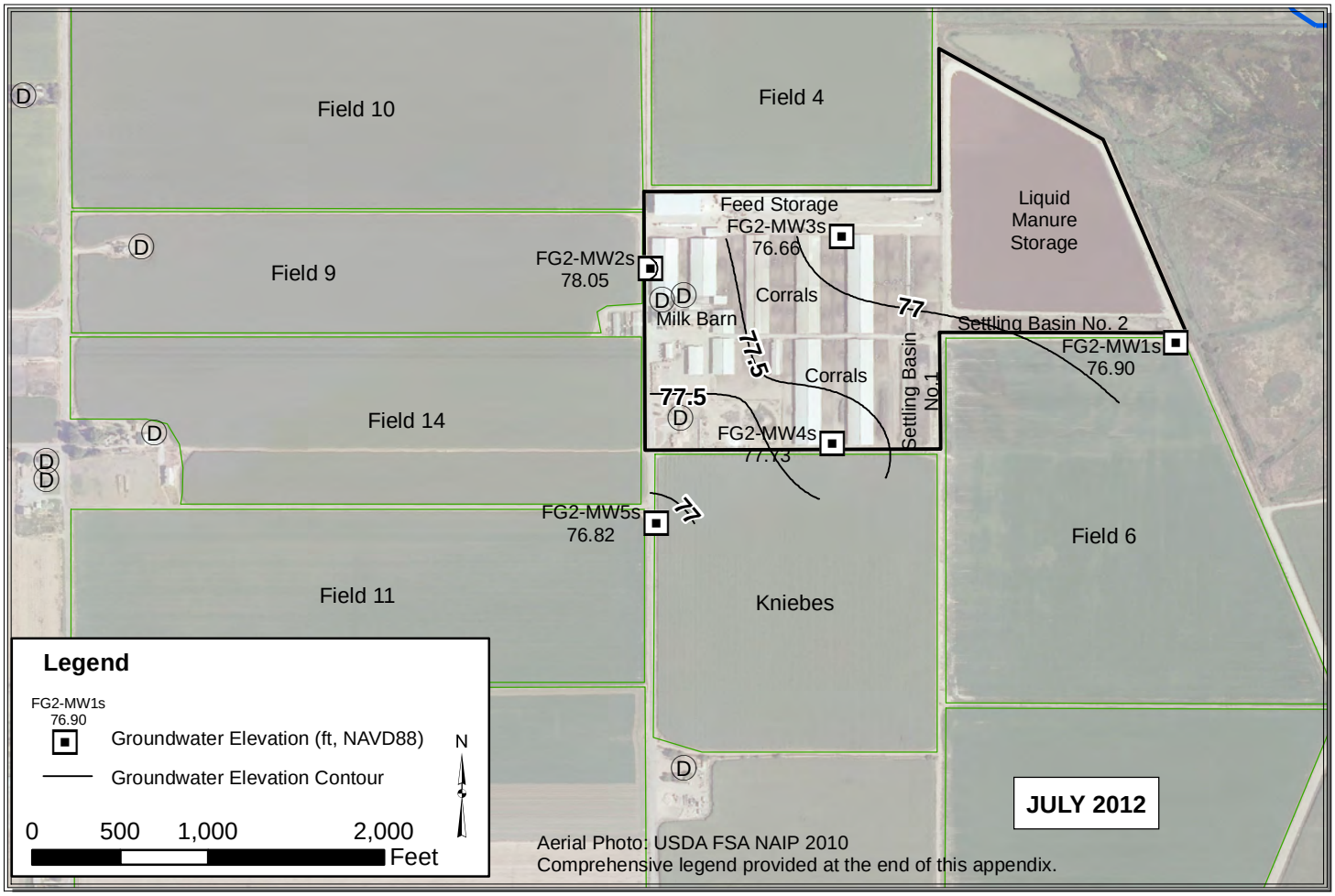


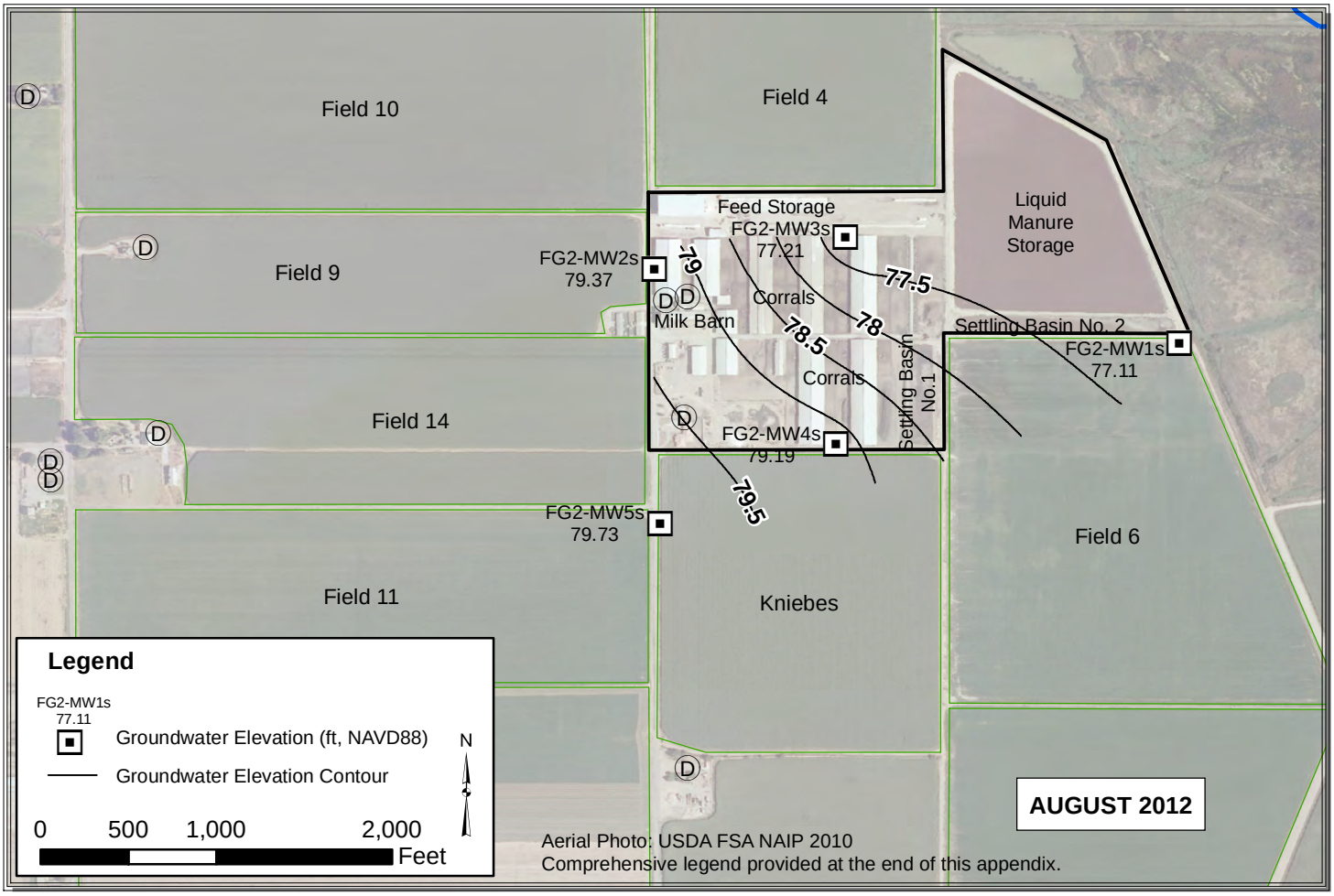
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG2\FG2_Mar_Apr.mxd



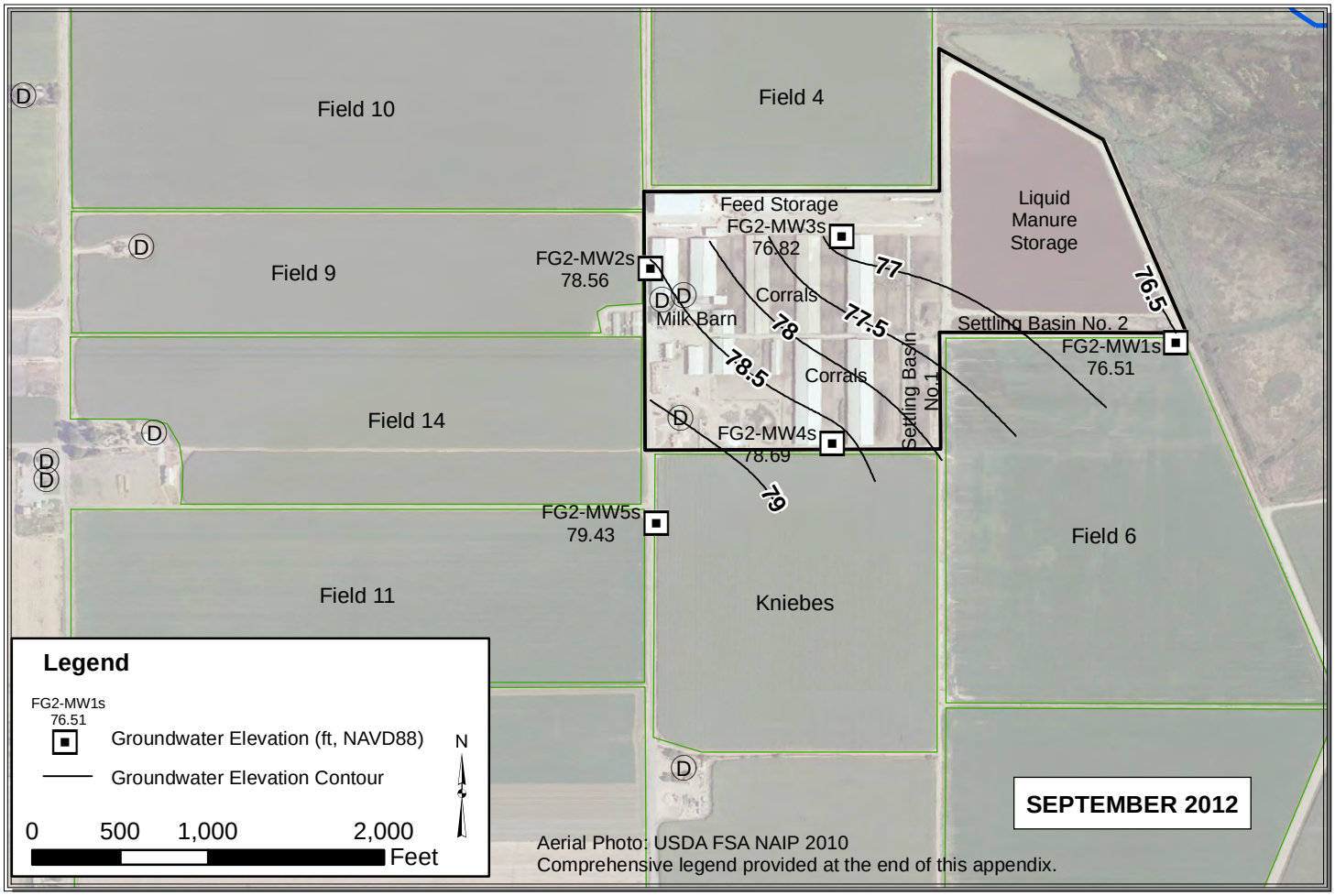


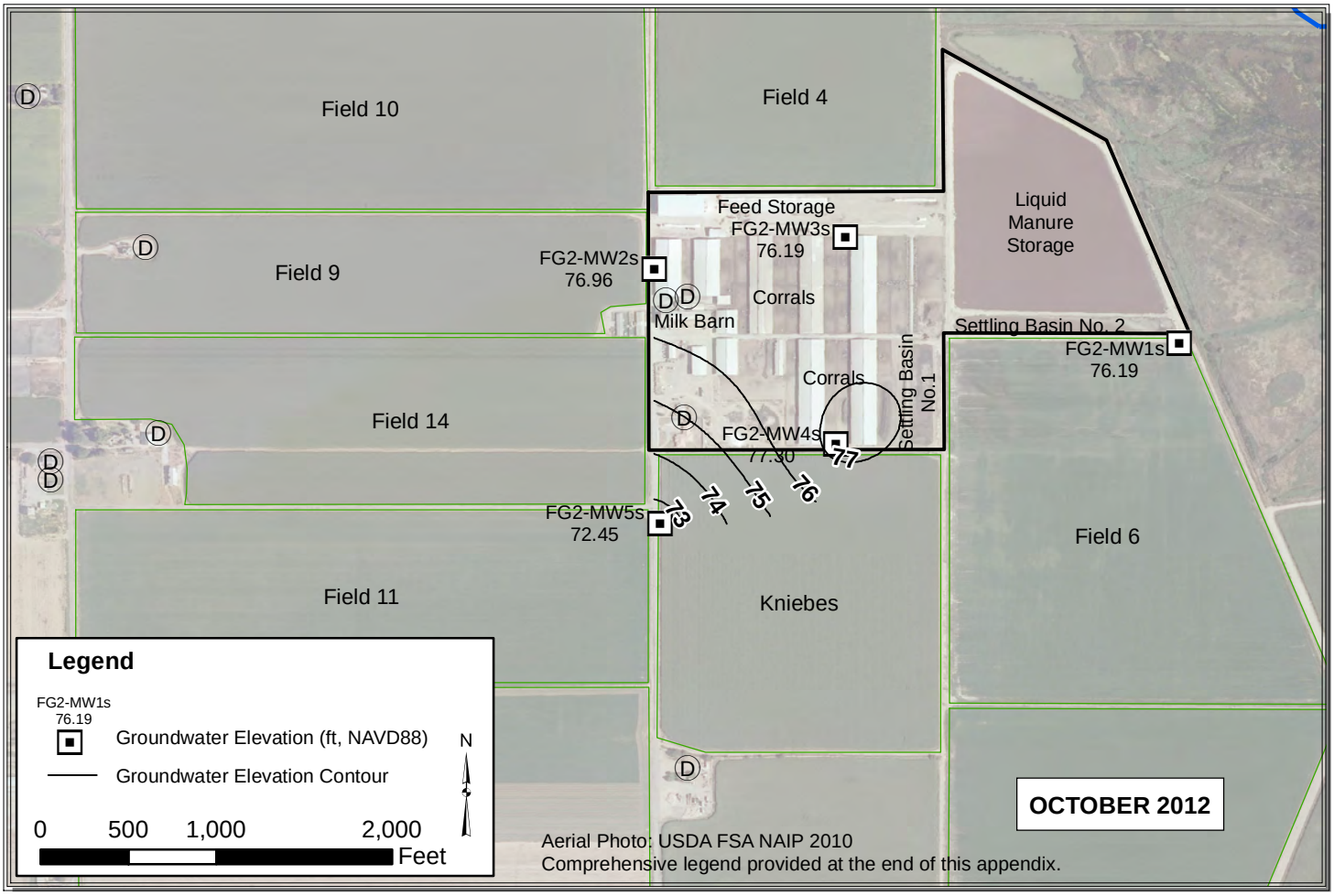
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG2\FG2_May_June.mxd



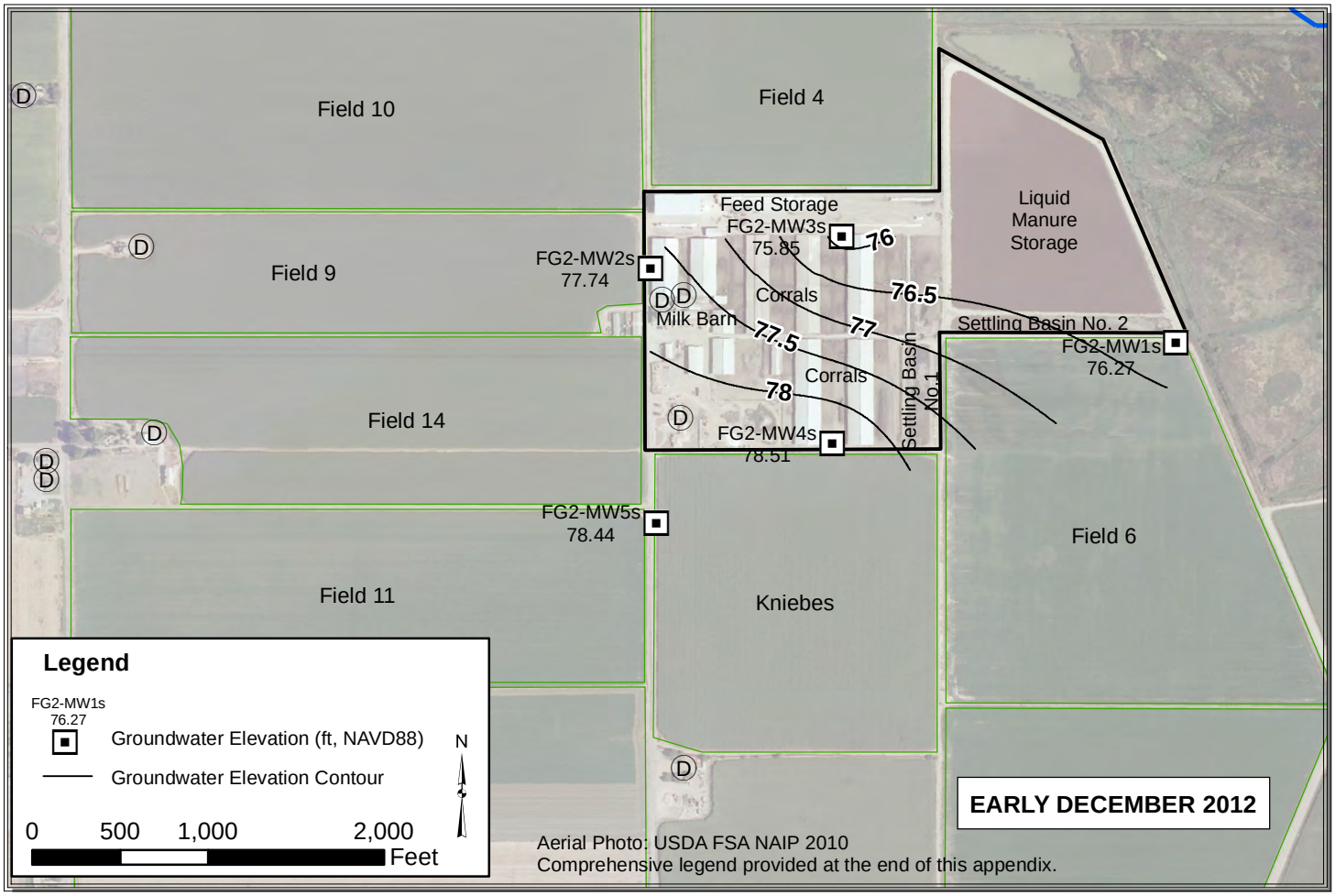


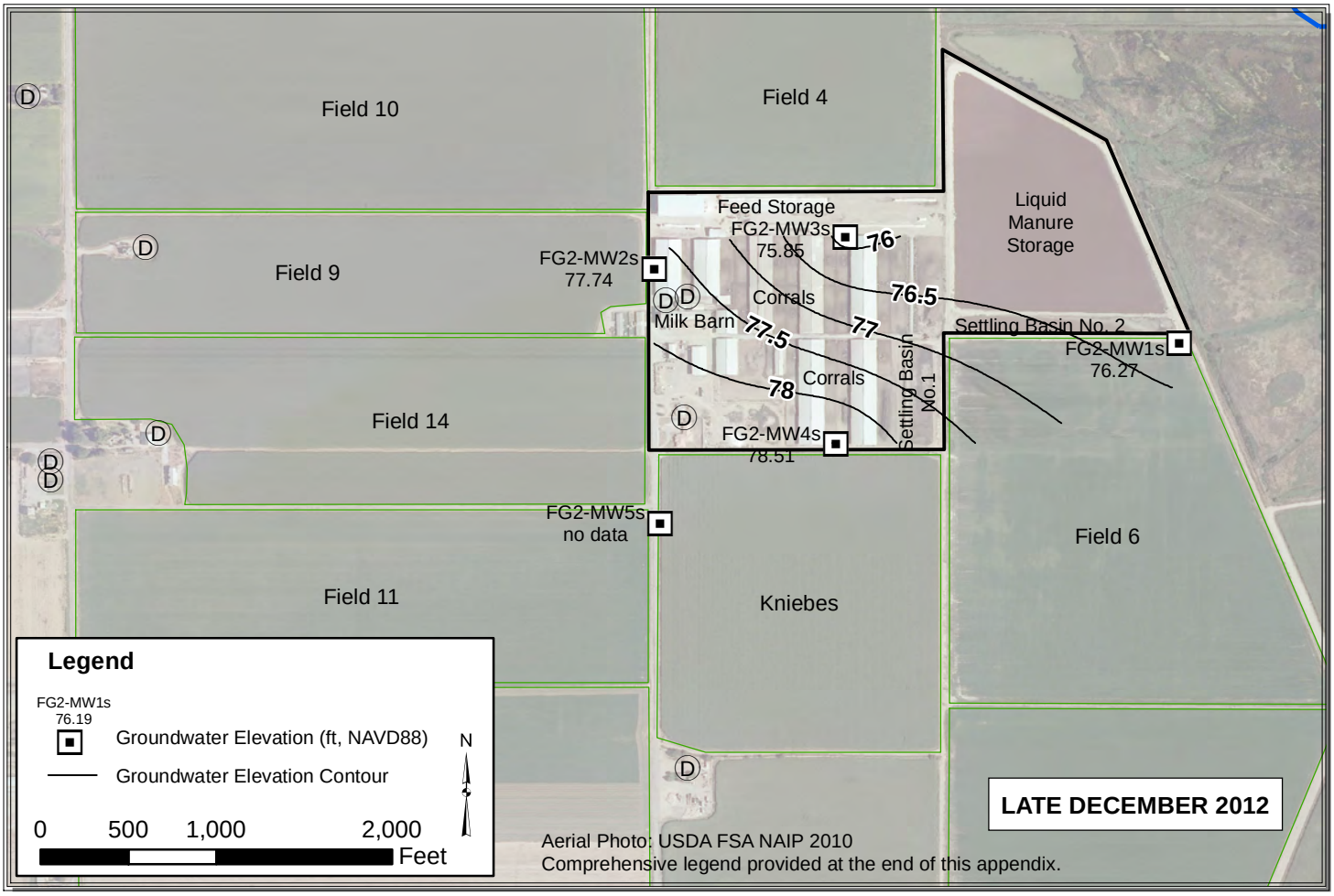
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG2\FG2_July_Aug.mxd





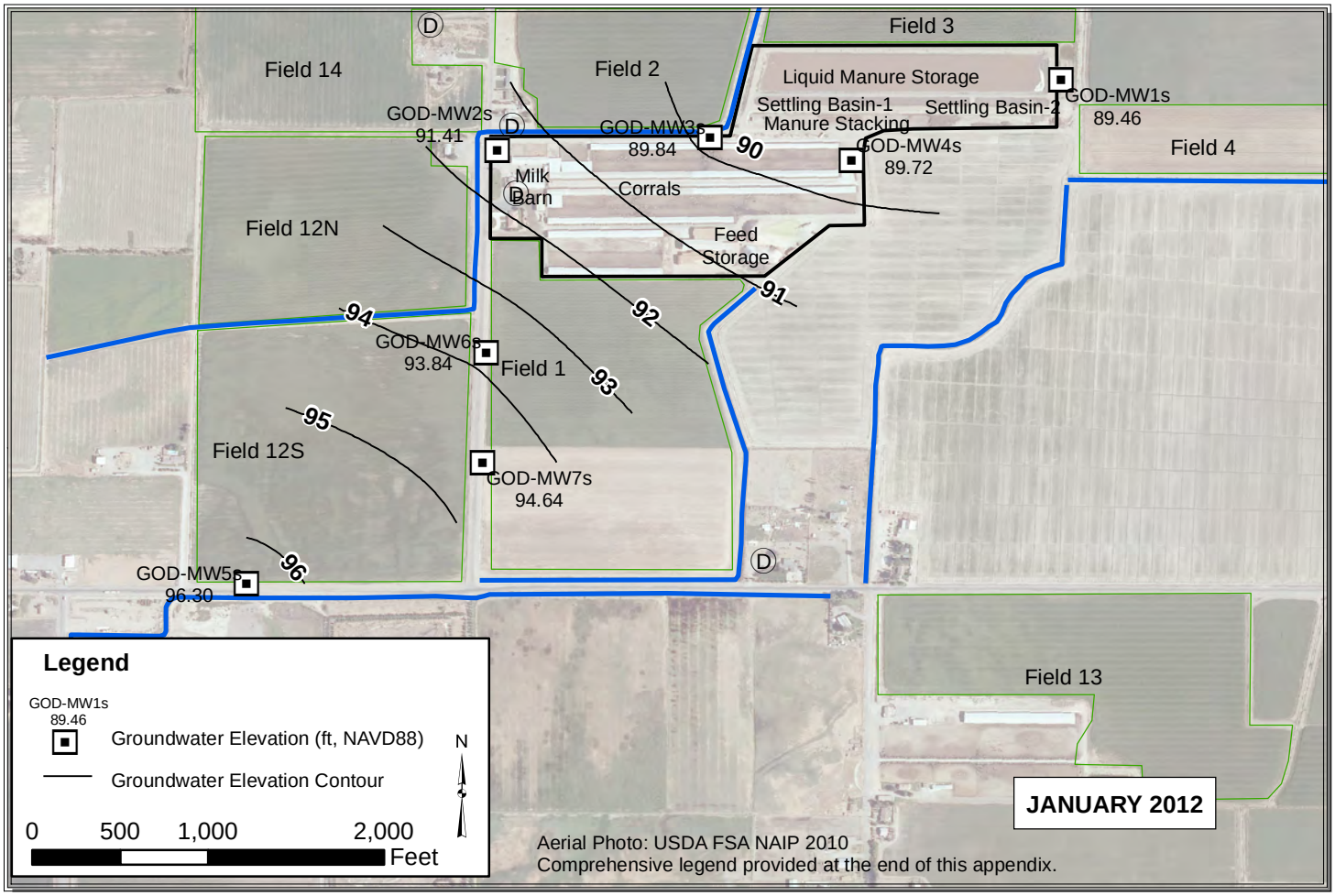
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG2\FG2_Sep_Oct.mxd

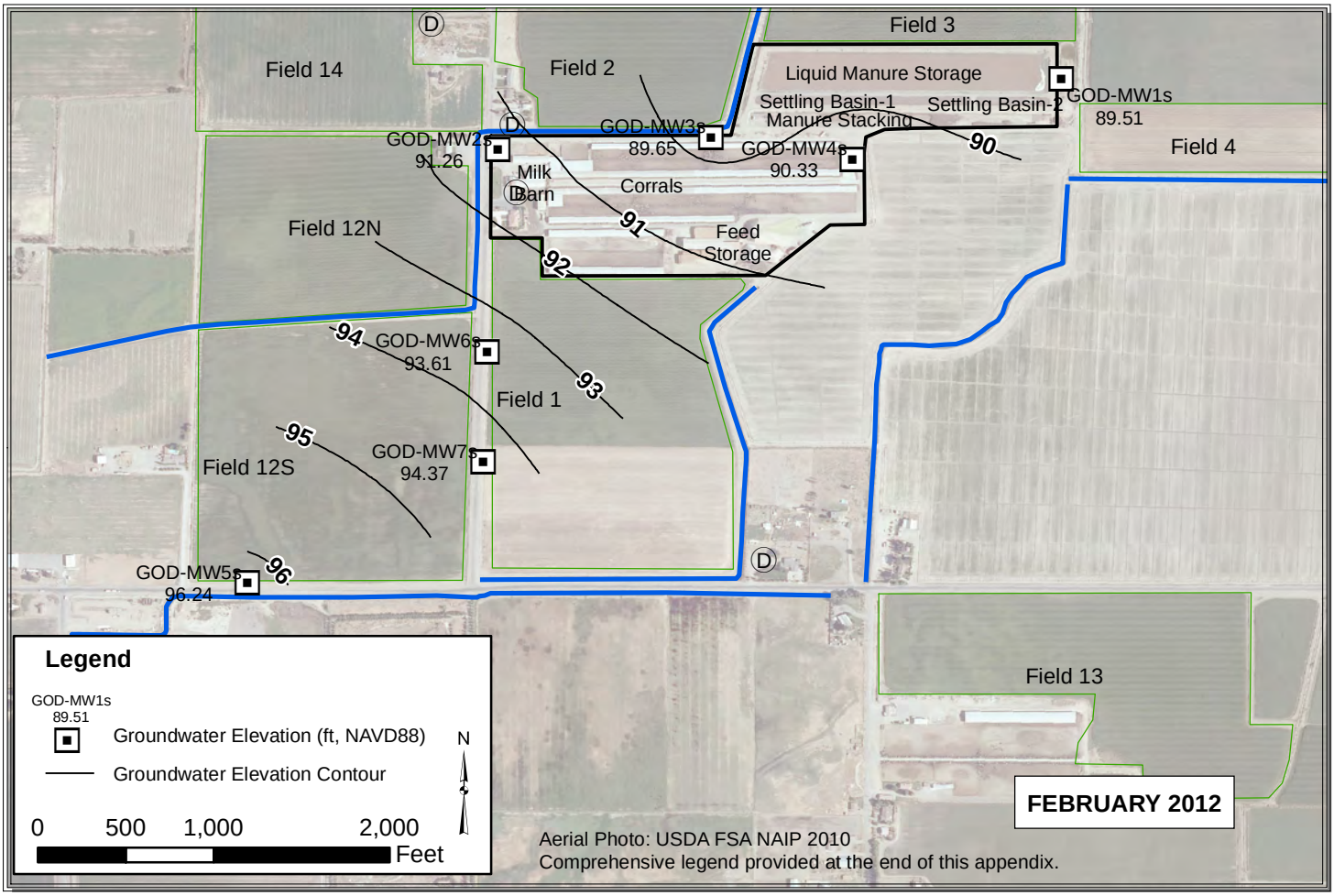




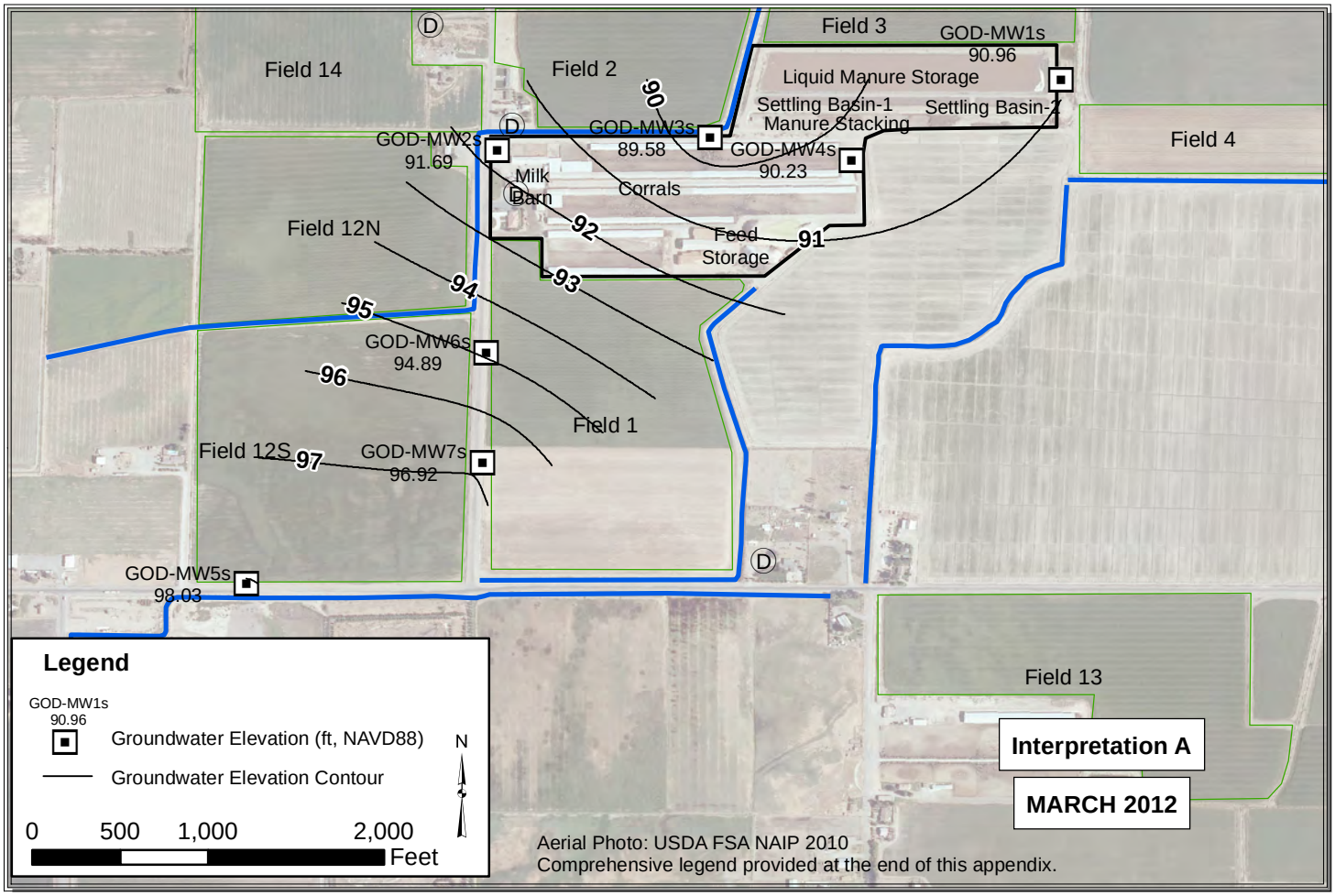
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\FG2\FG2_Dec.mxd

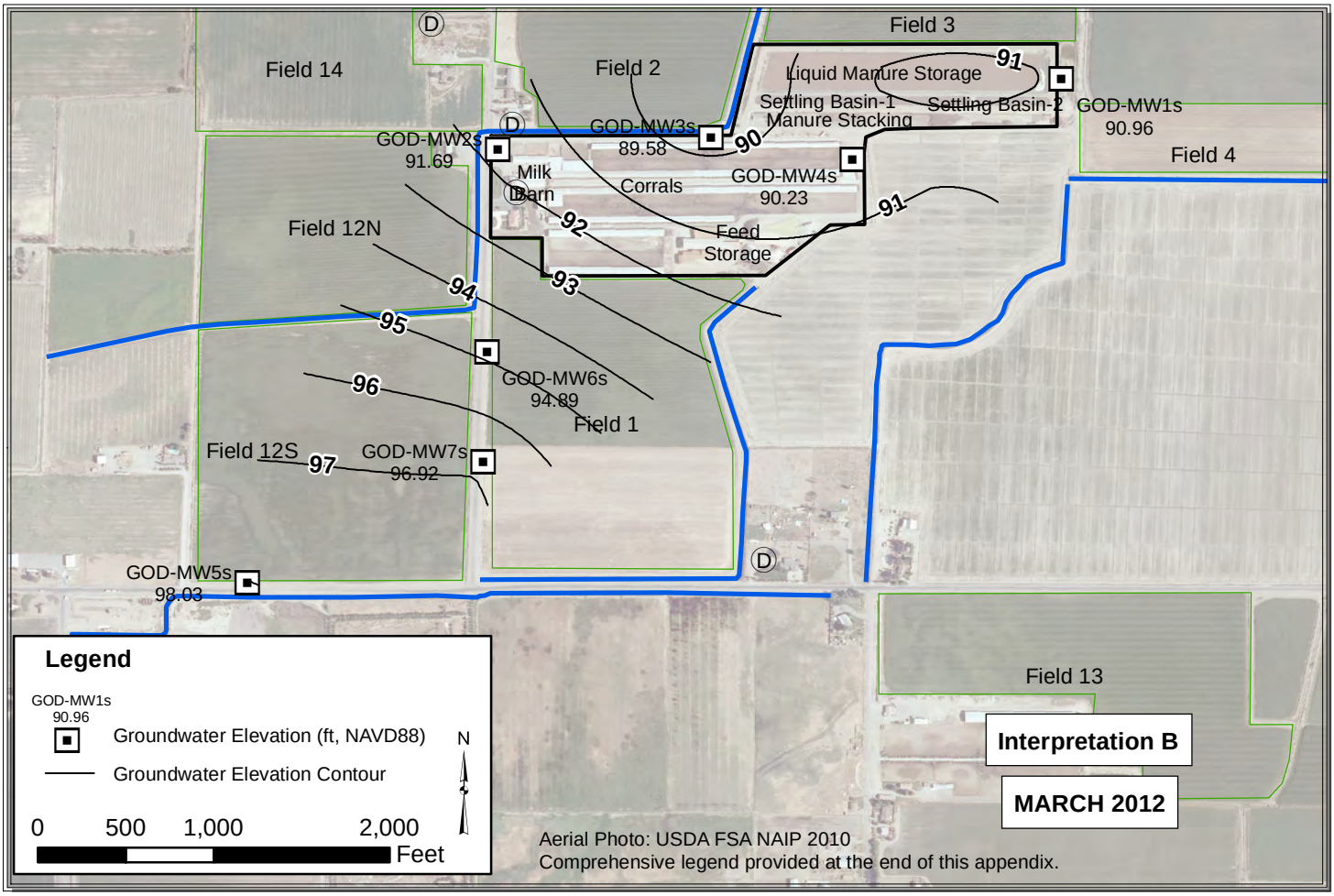
GOD



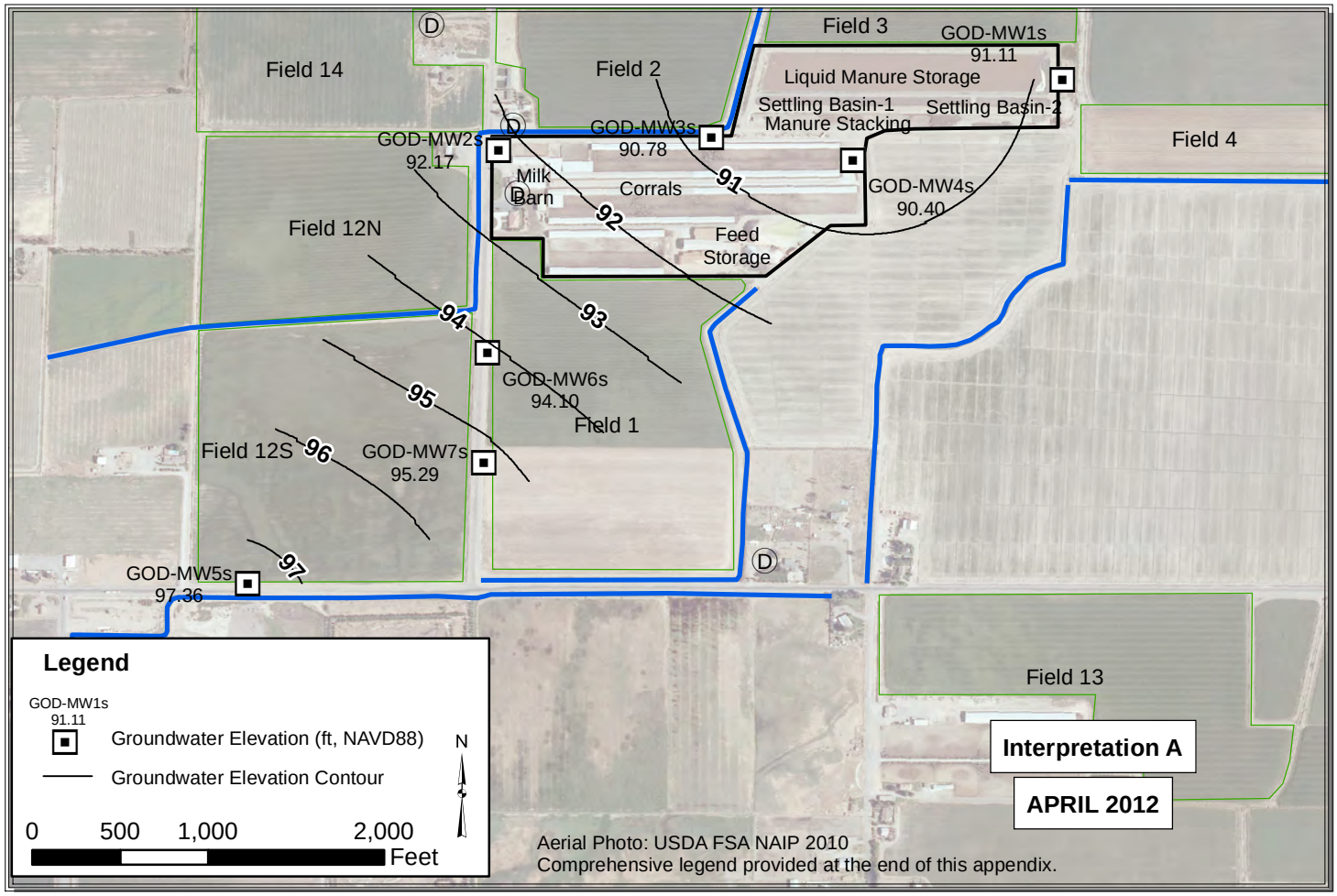


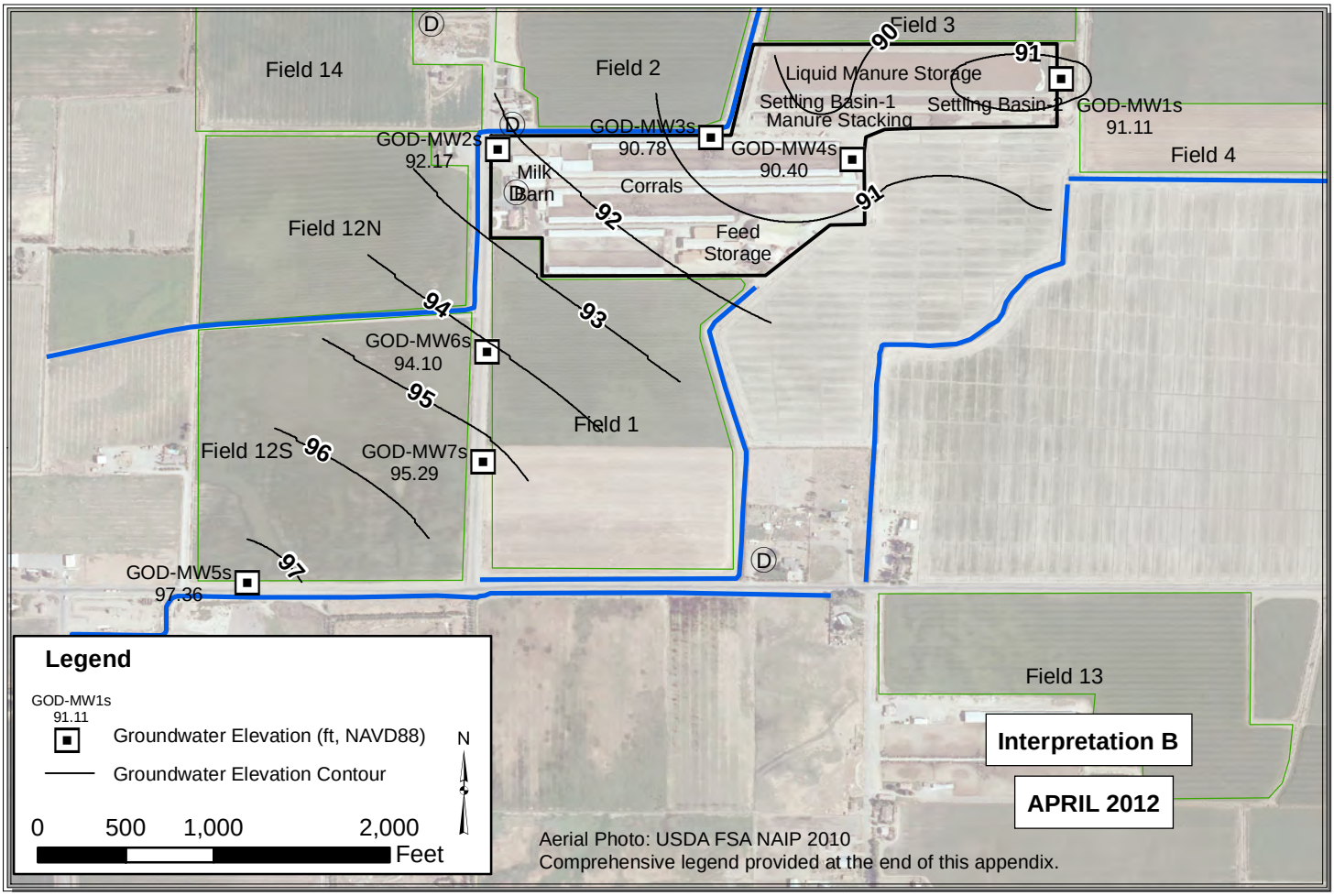
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Jan_Feb.mxd



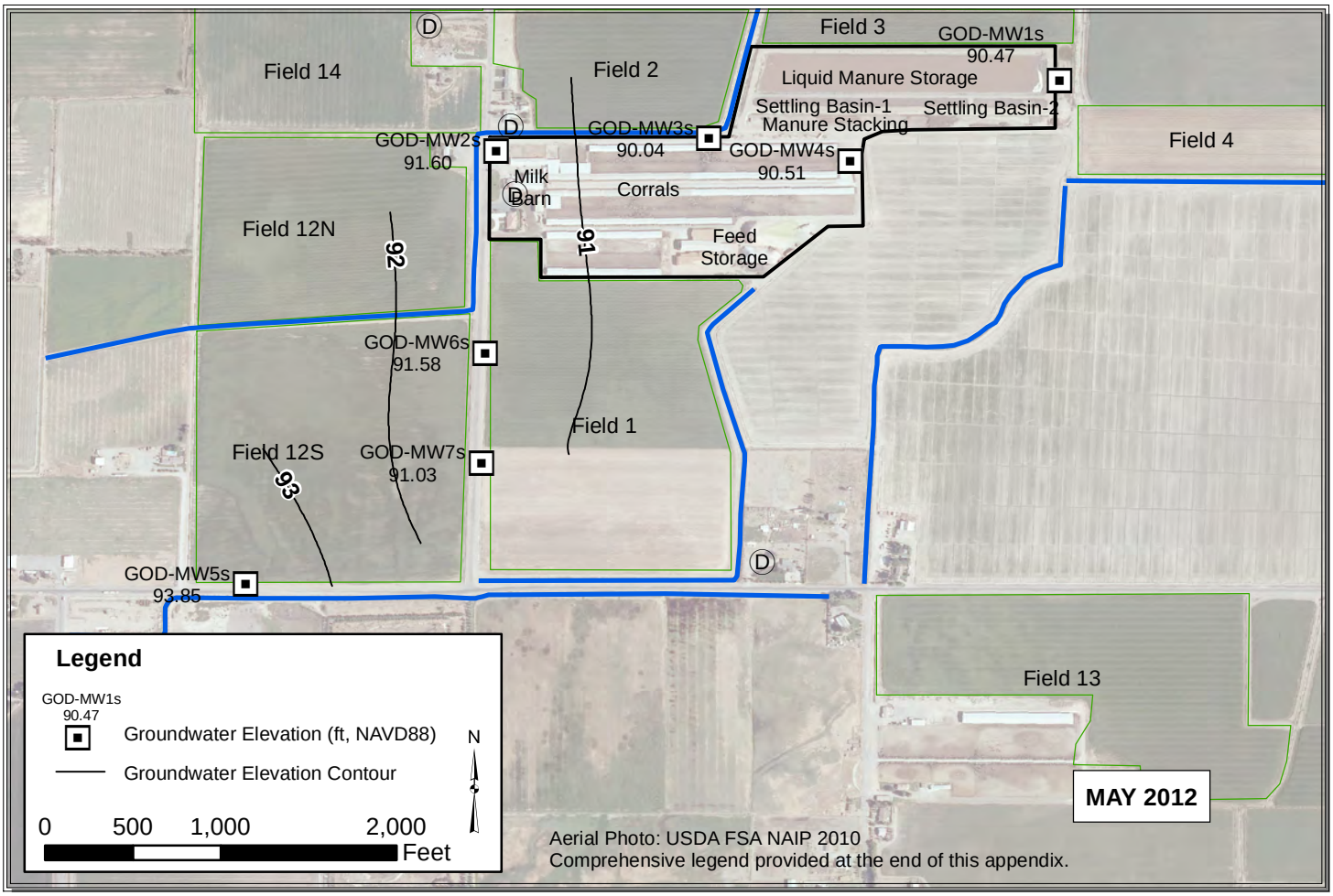


Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Mar.mxd

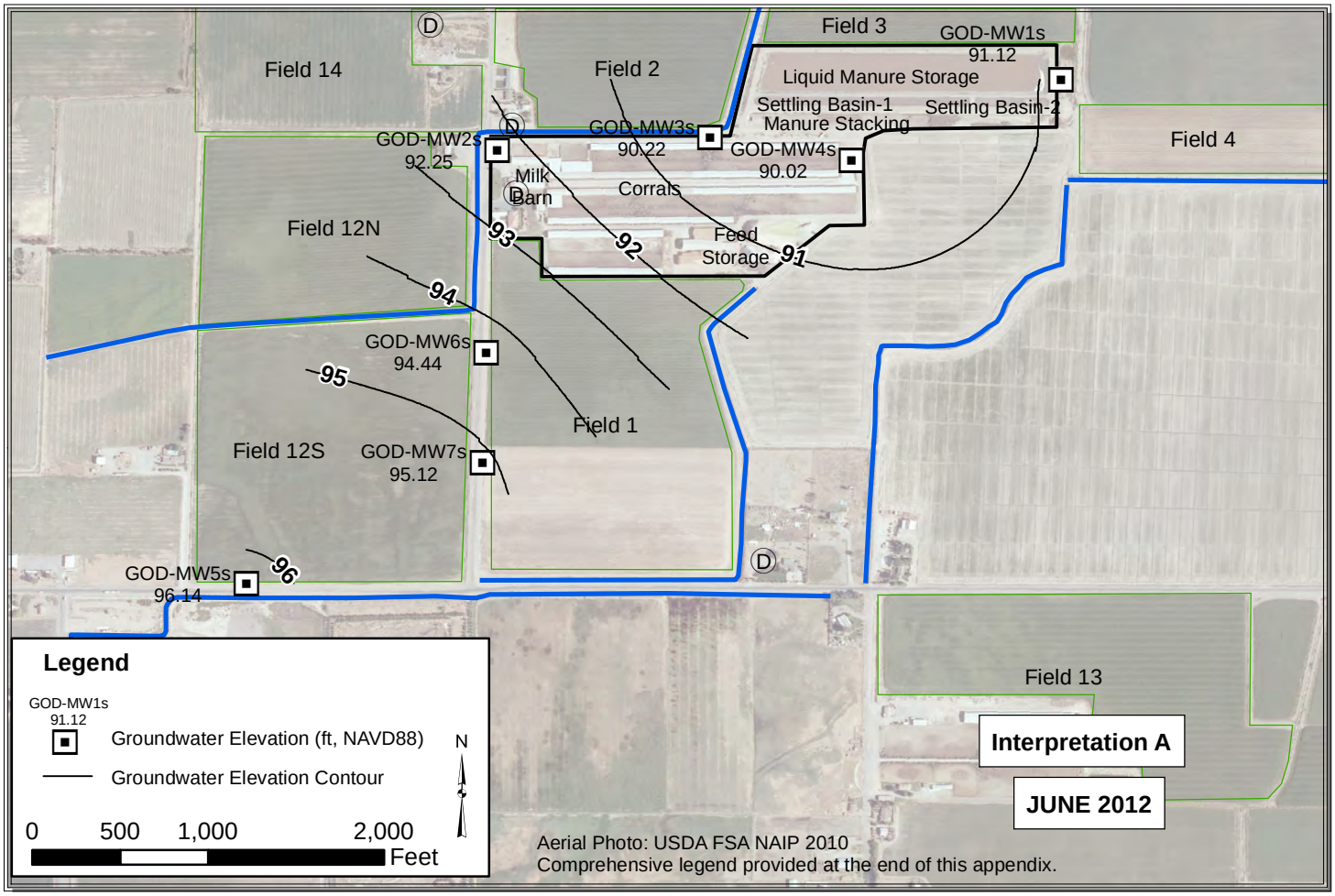


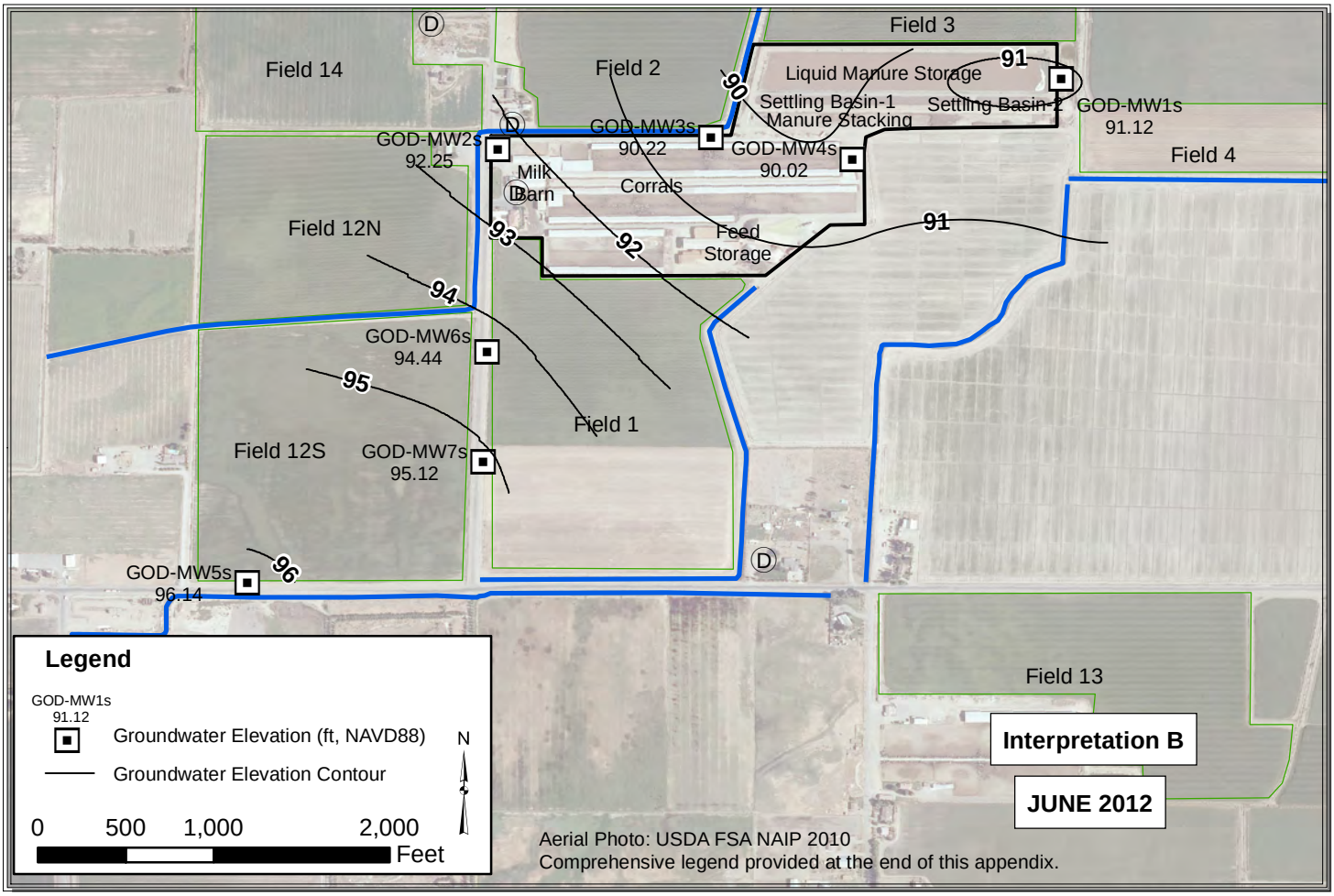


Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Apr.mxd

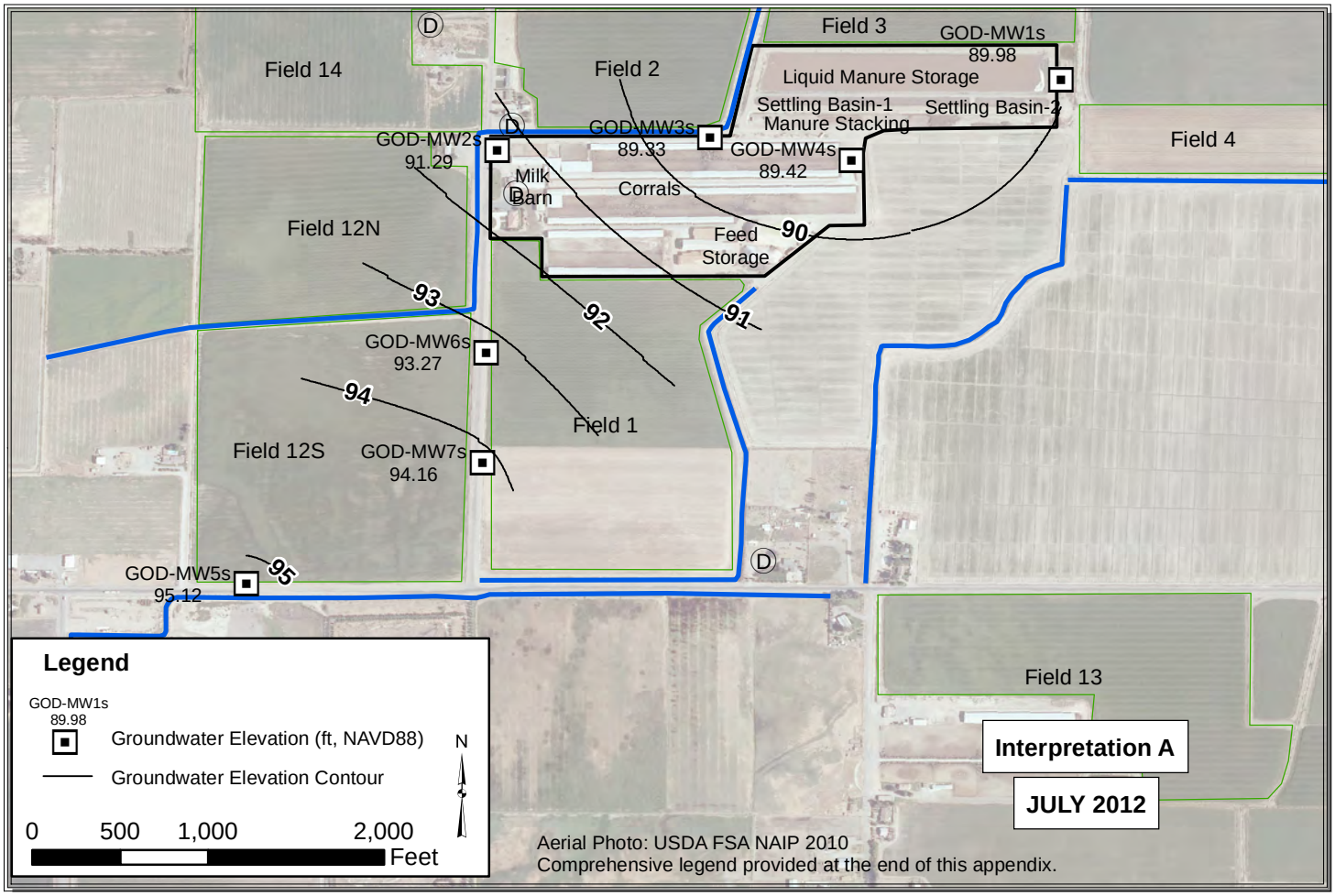


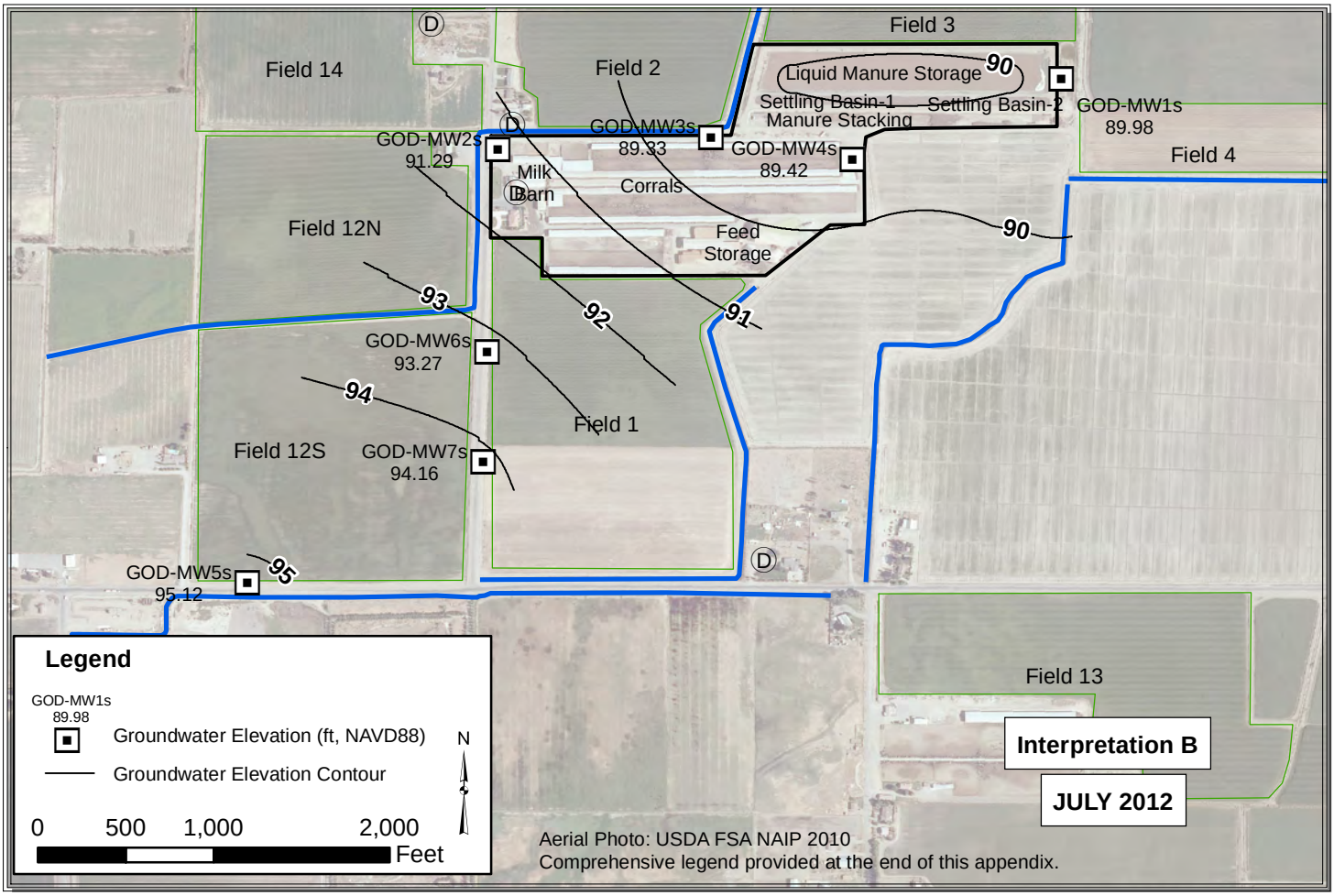
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_May.mxd



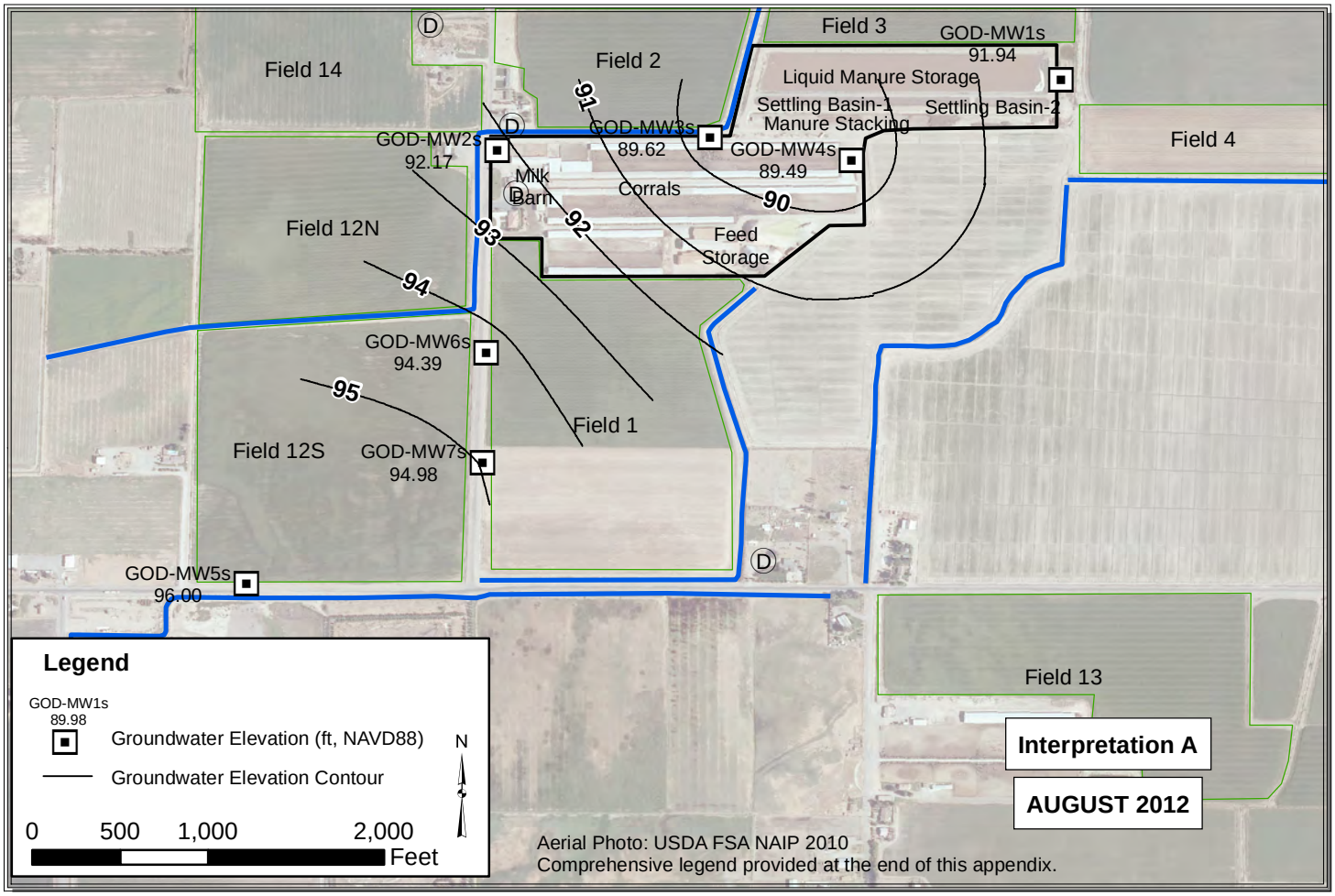


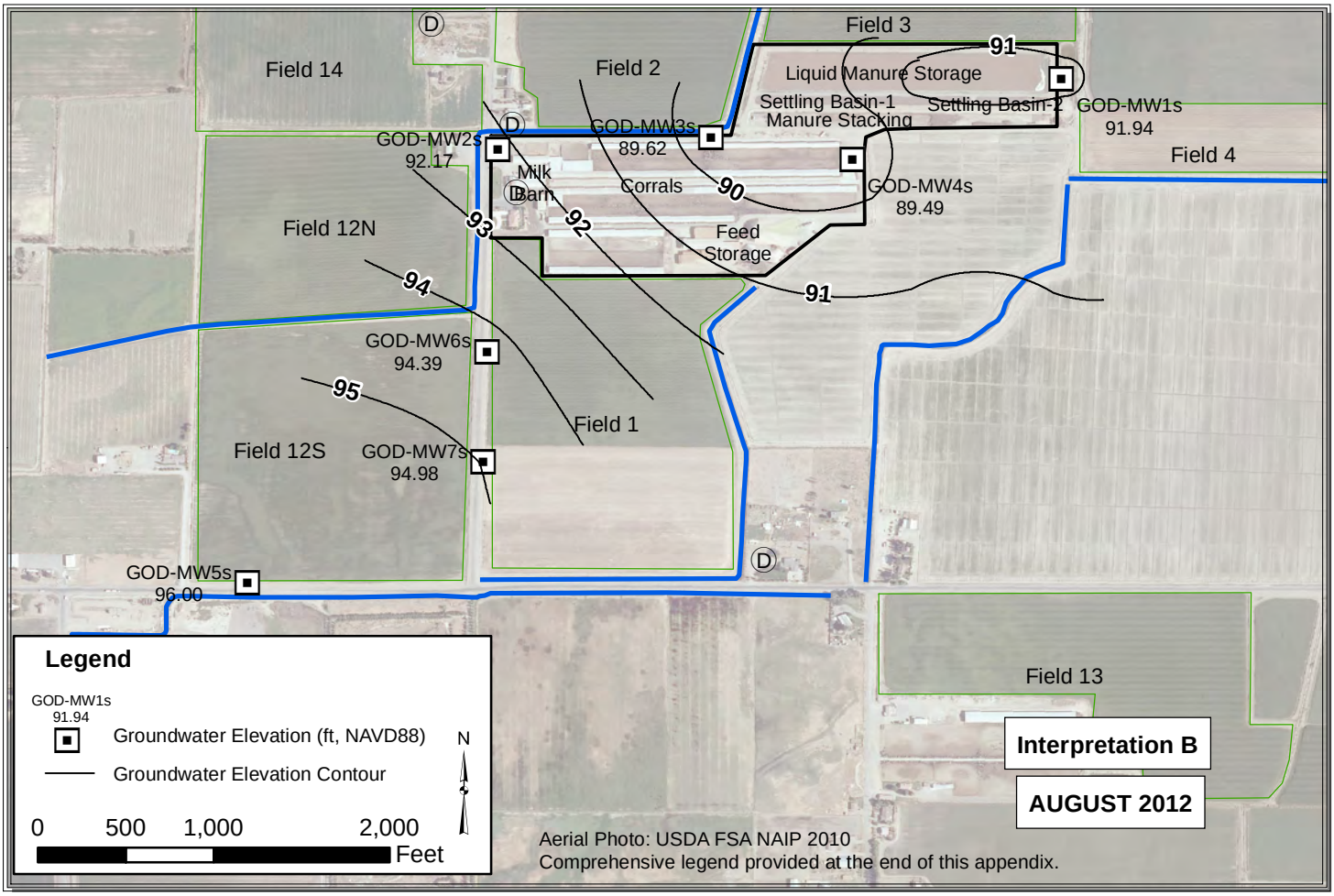
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_June.mxd



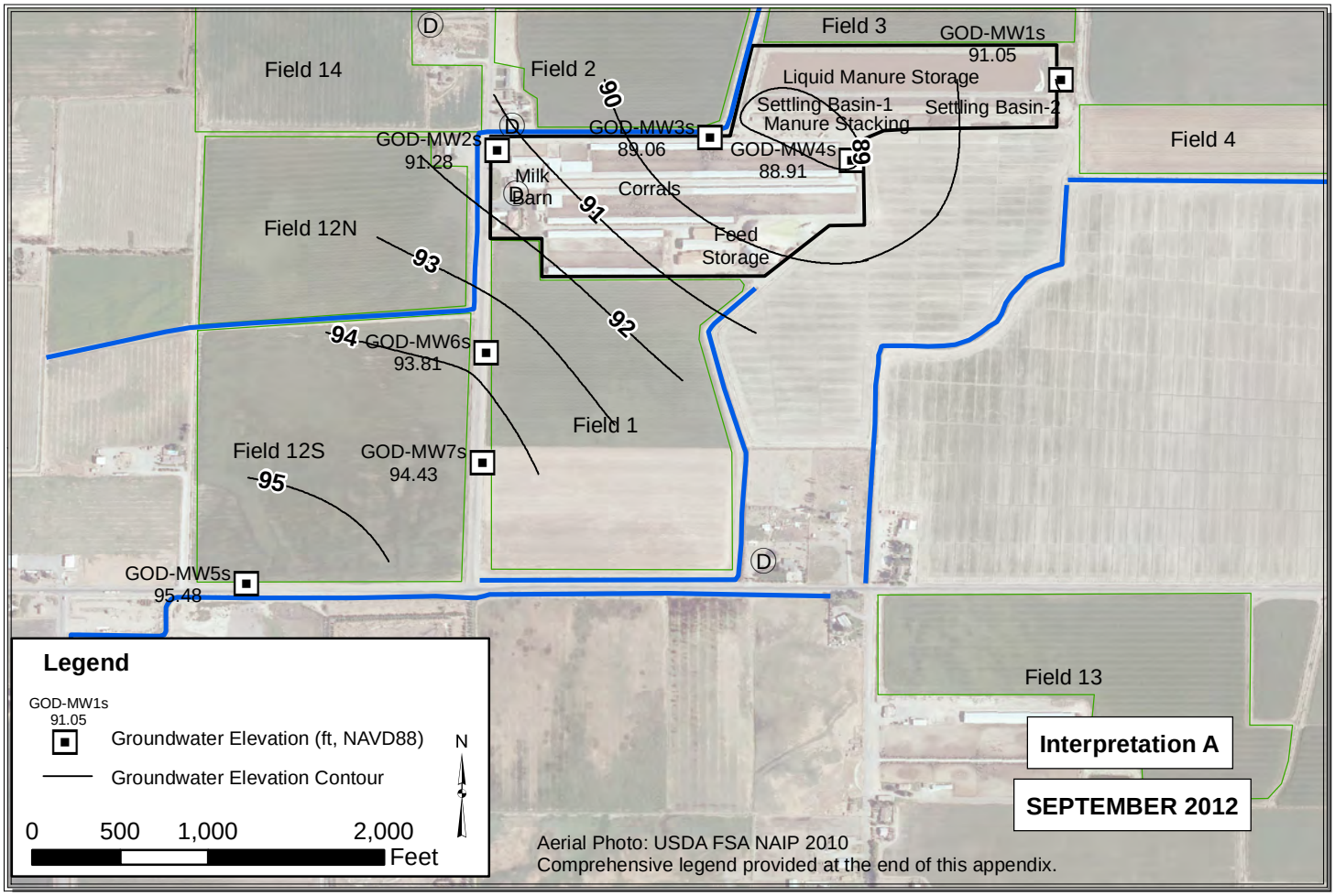


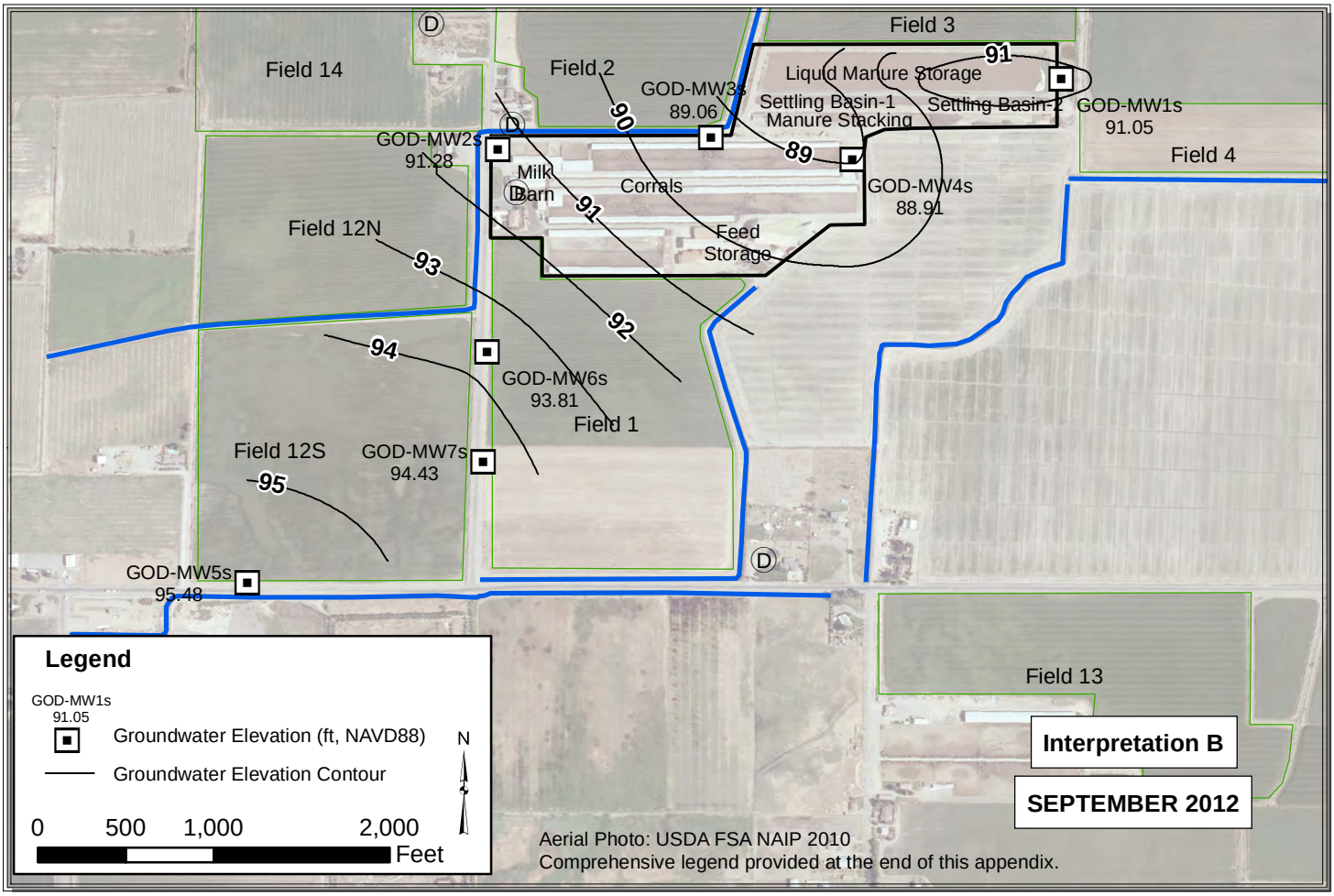
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_July.mxd



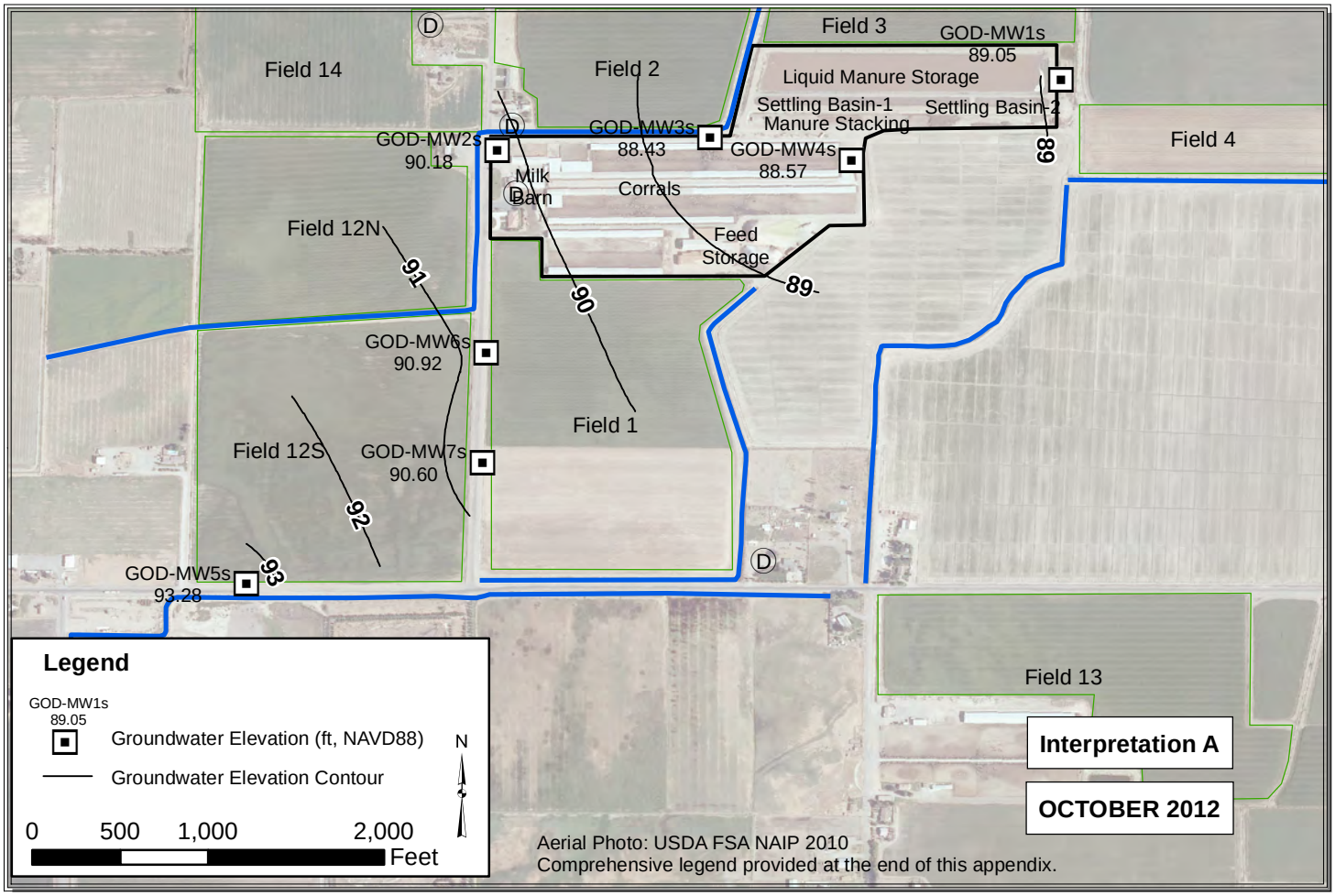


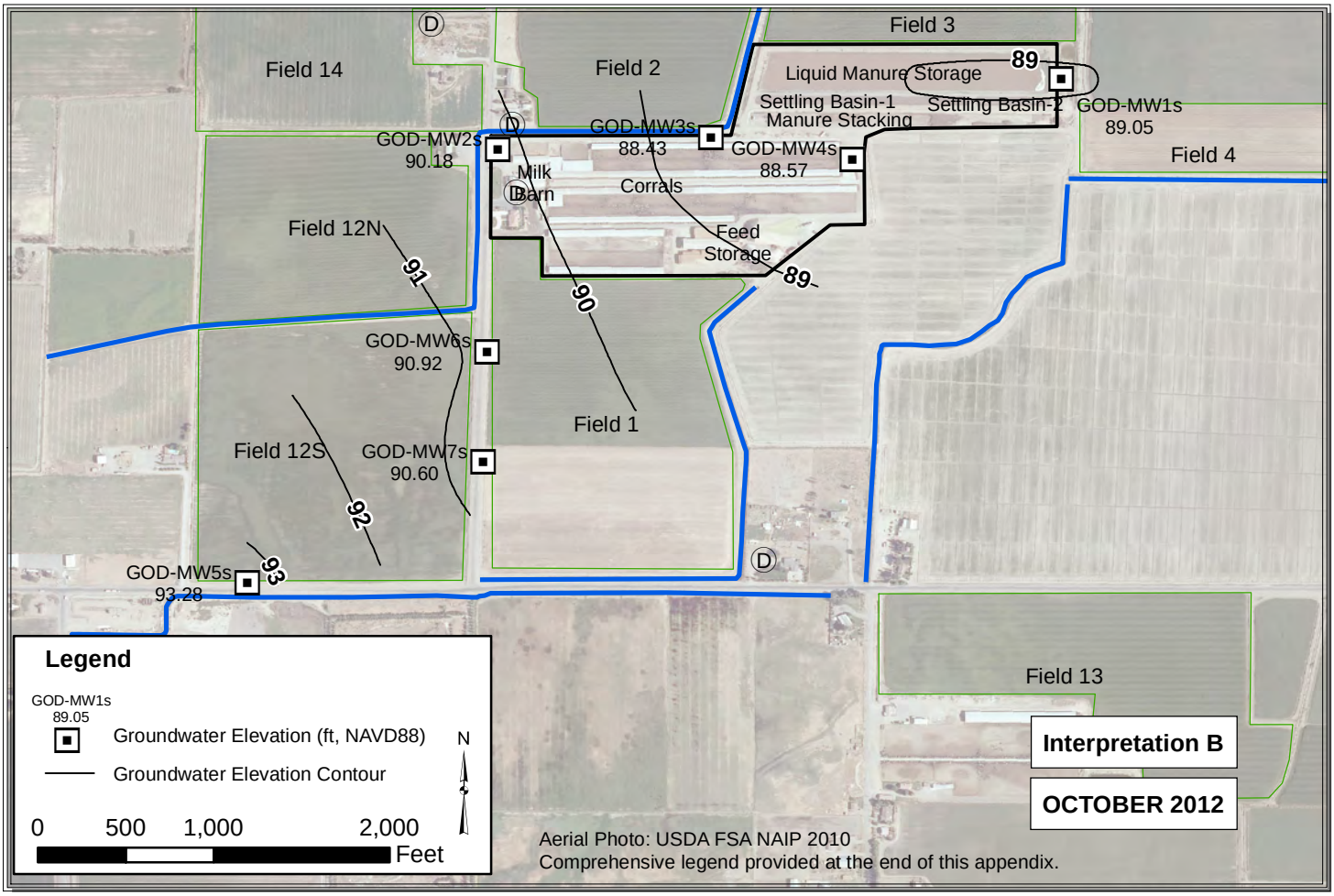
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Aug.mxd



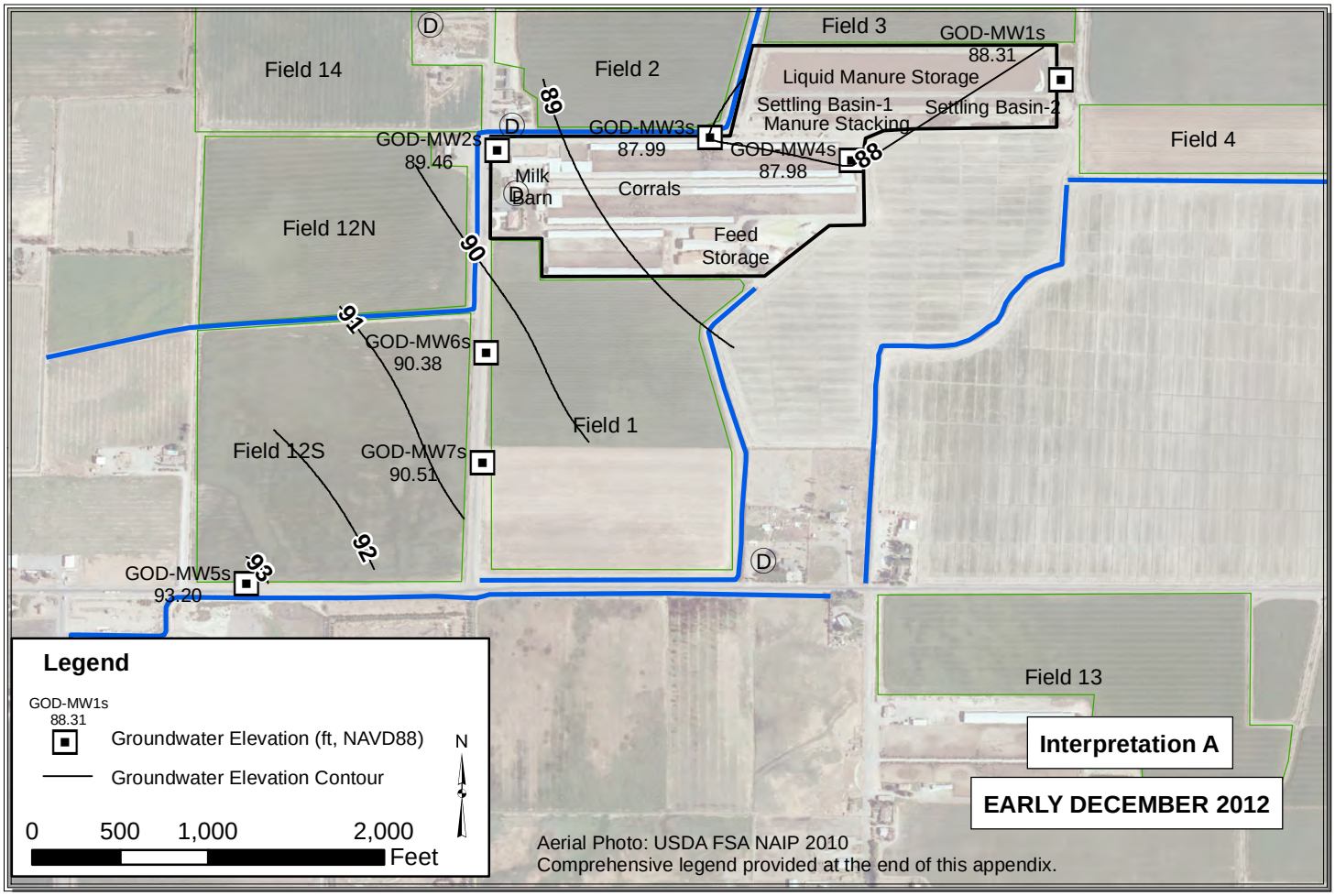


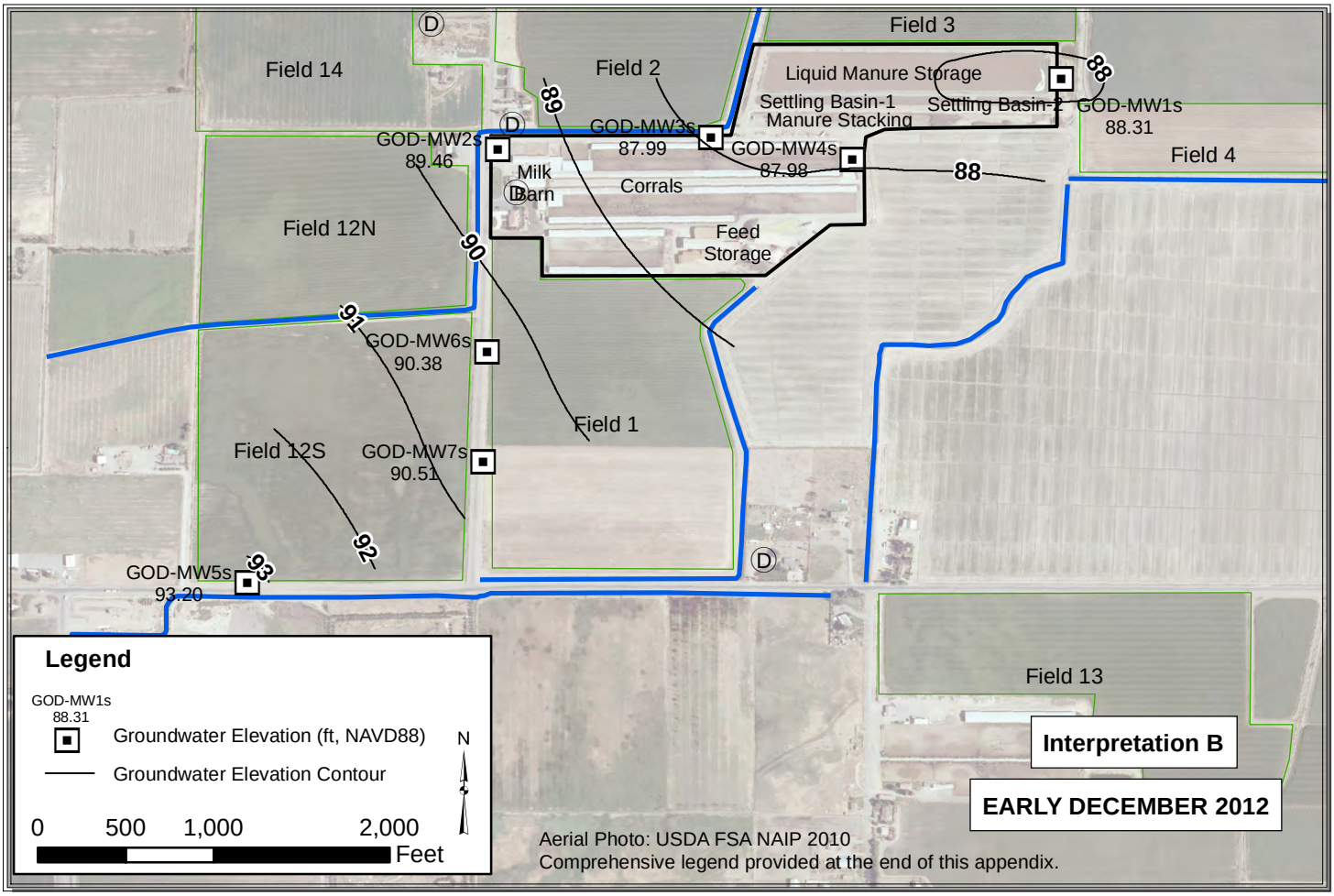
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Sep.mxd



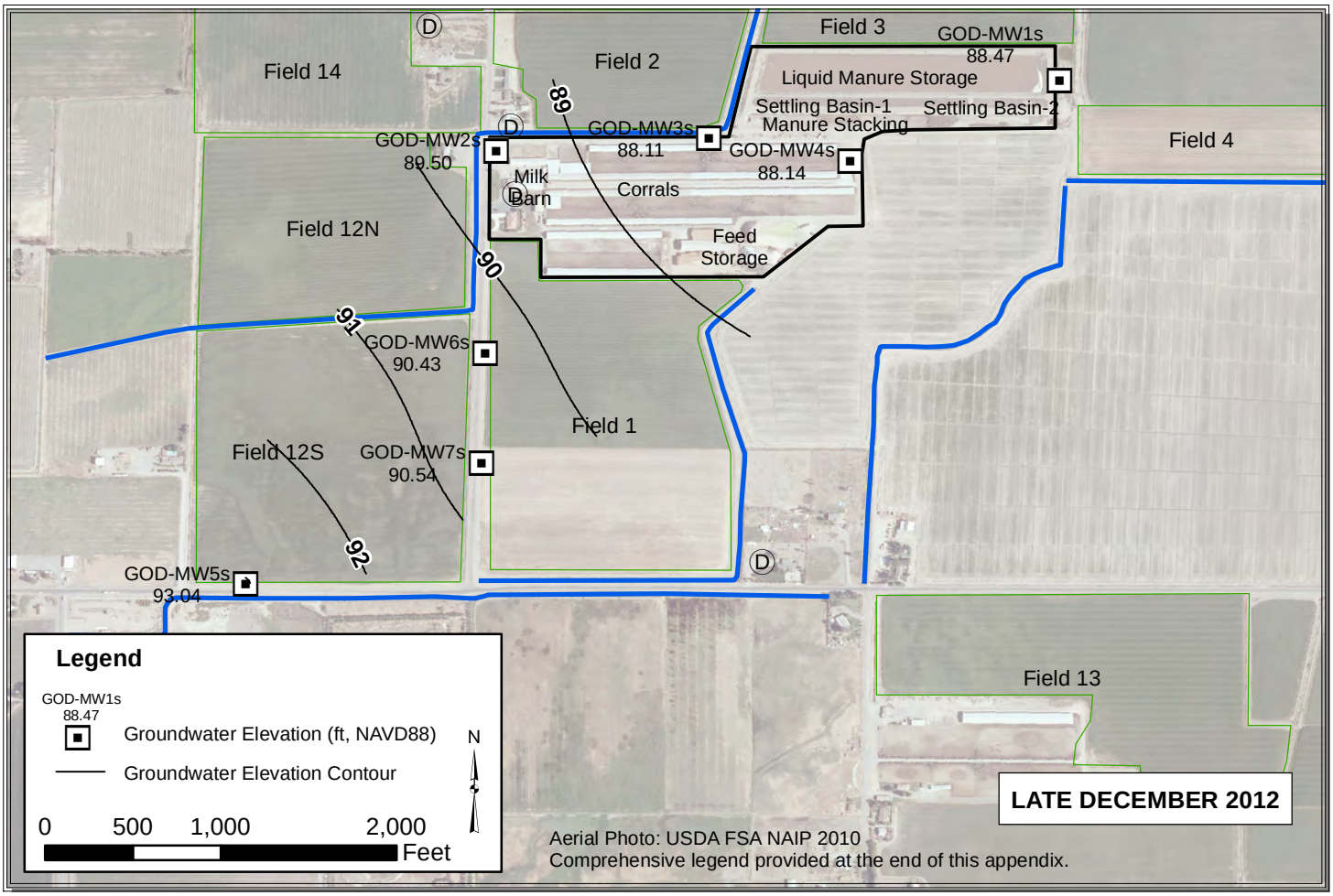


Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Oct.mxd



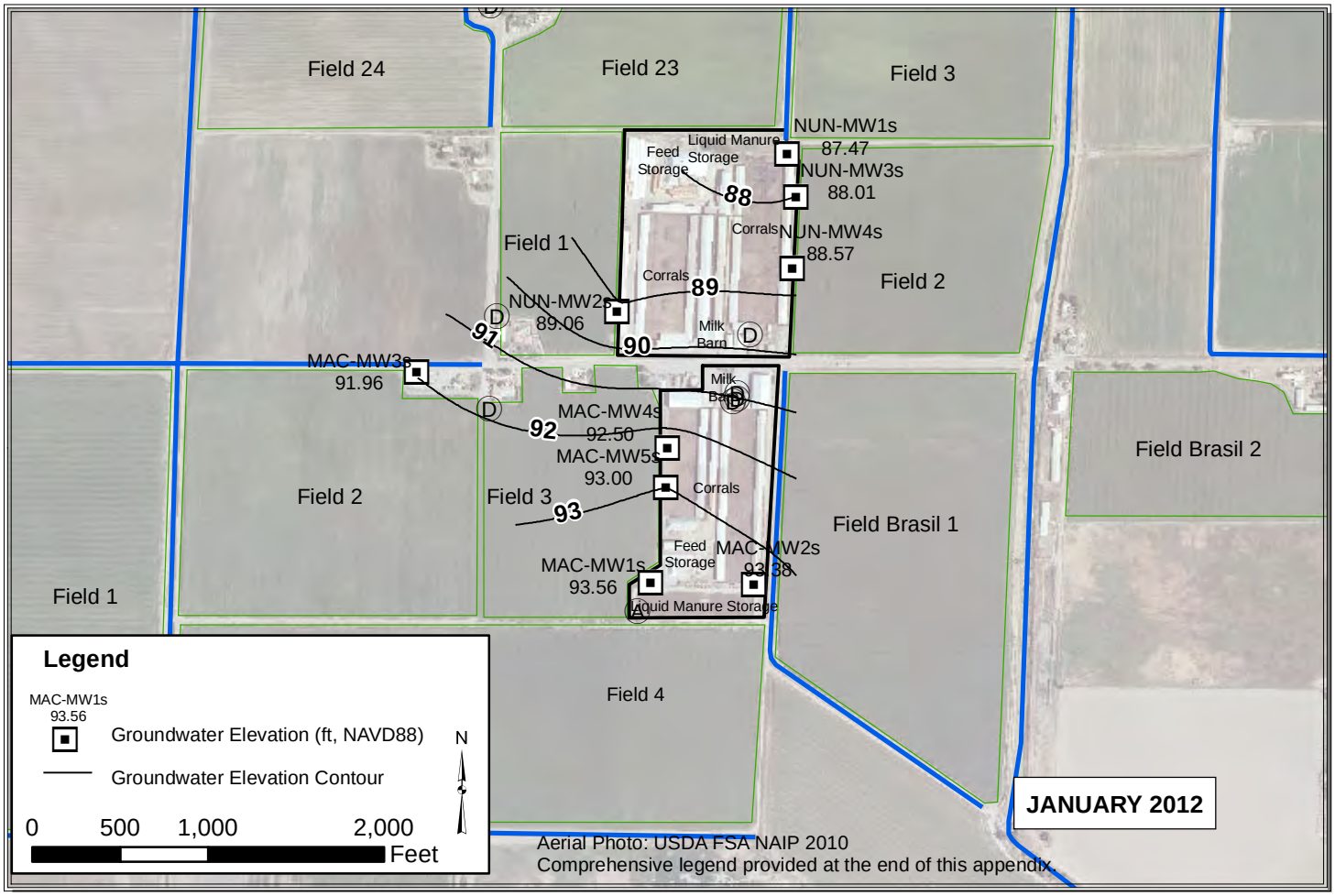


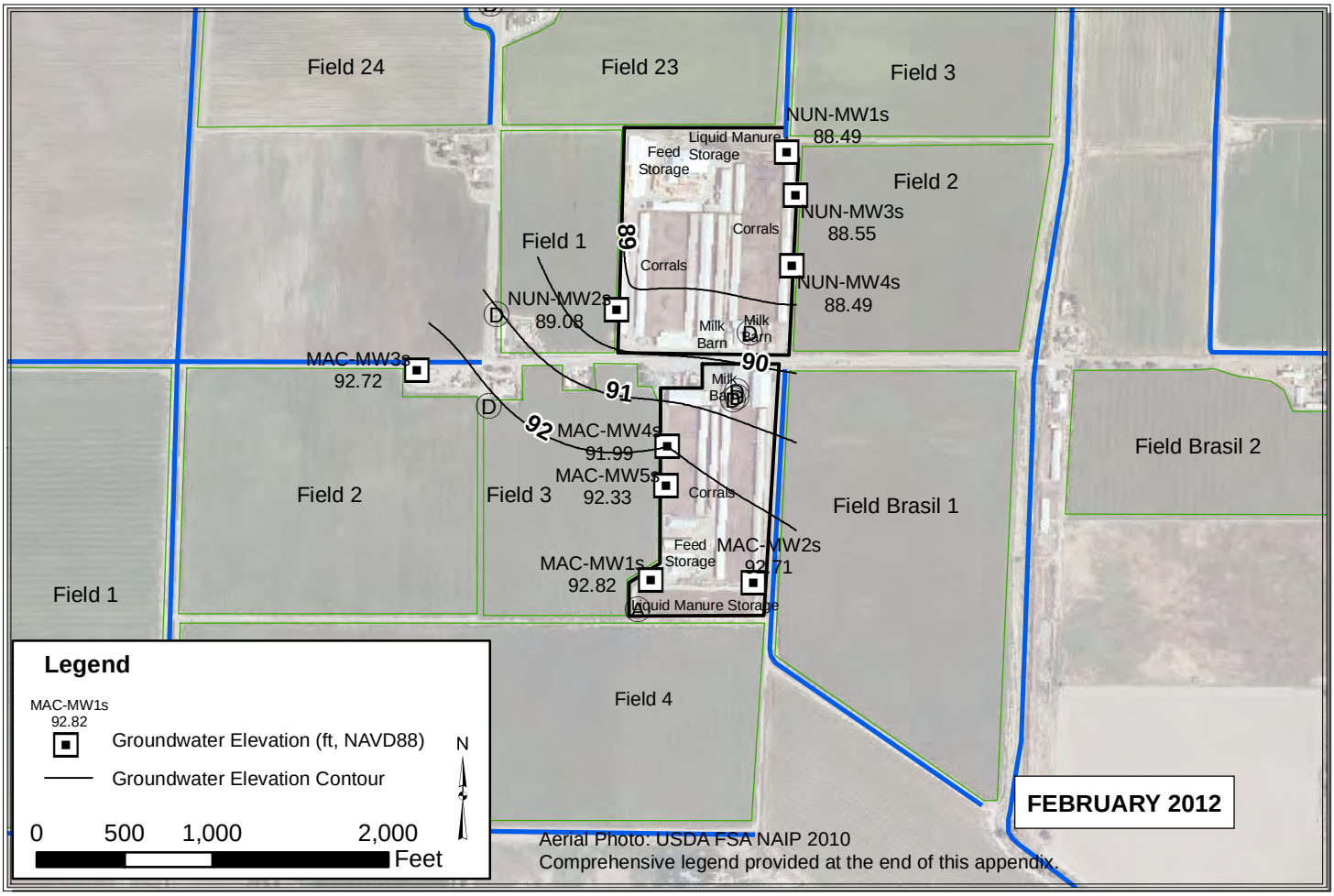
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Early Dec.mxd



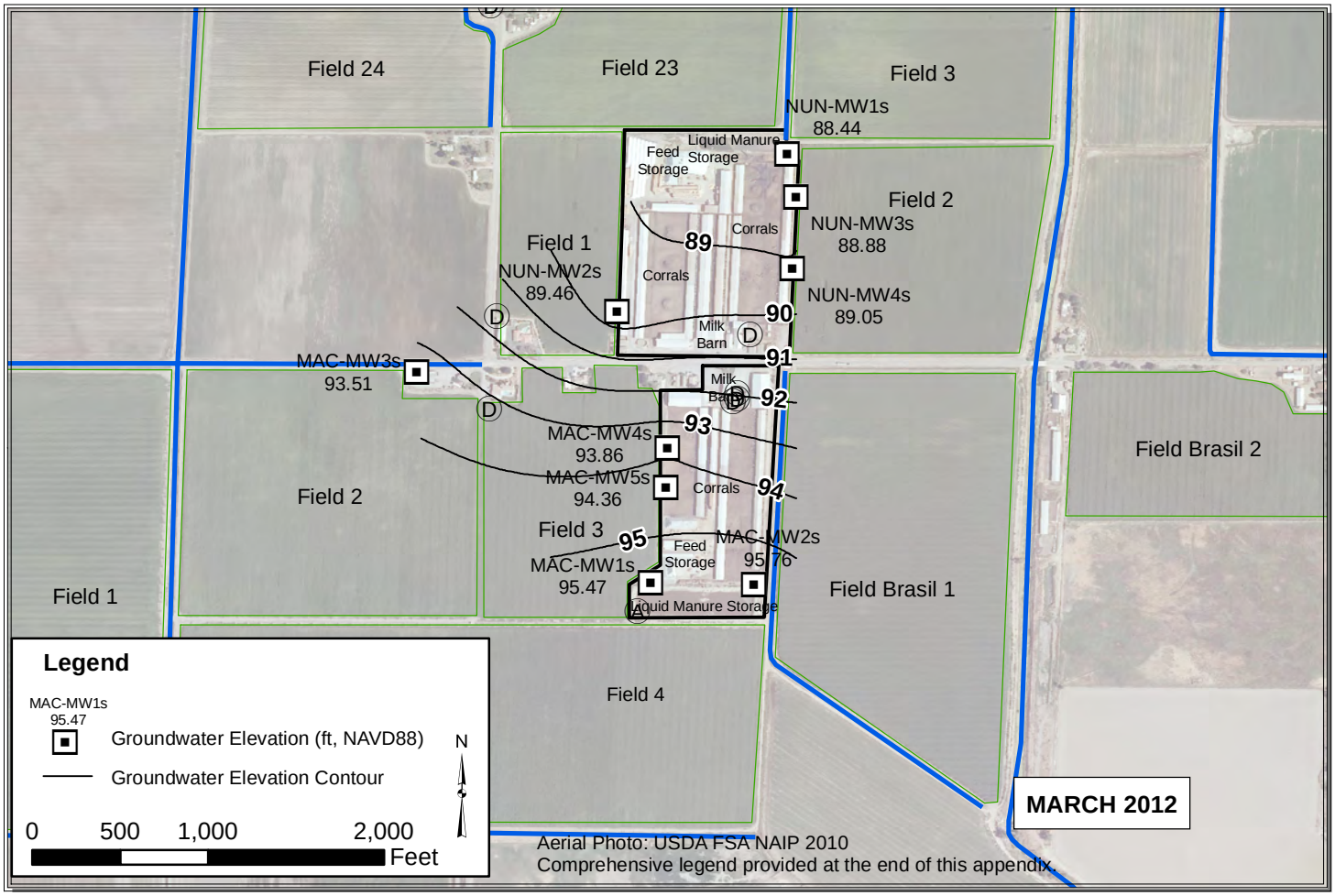
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\GOD\GOD_Late Dec.mxd

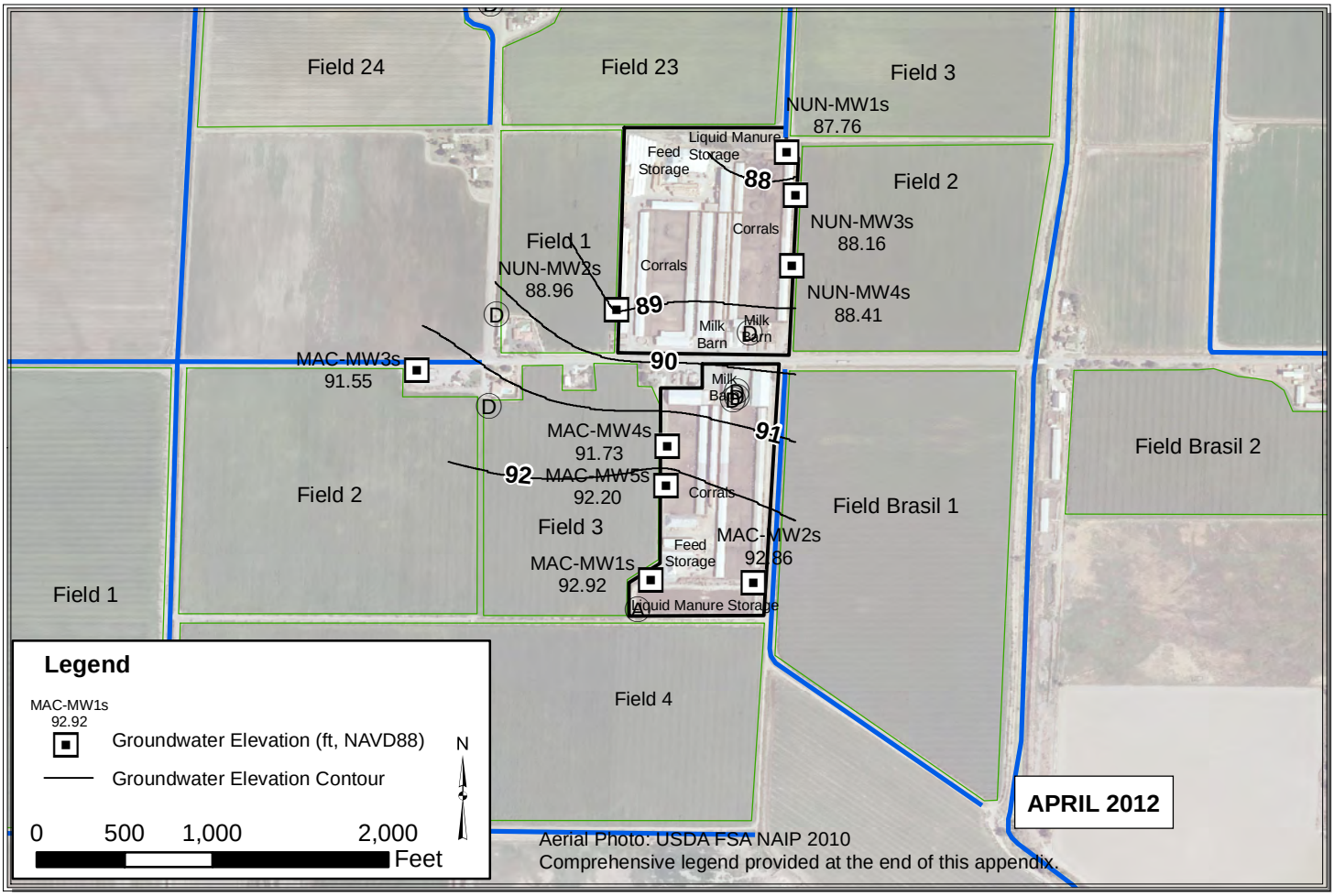
MAC and NUN



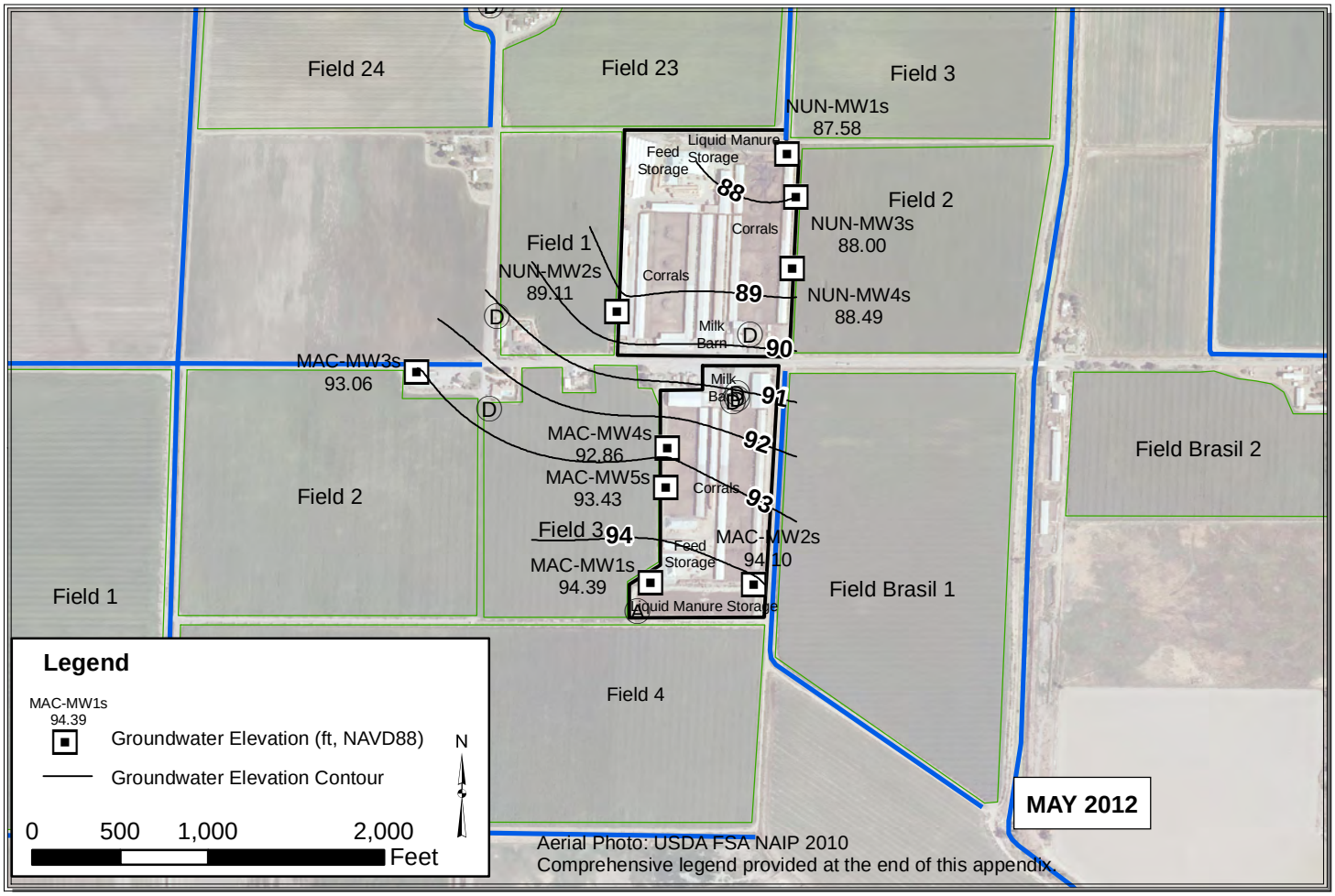


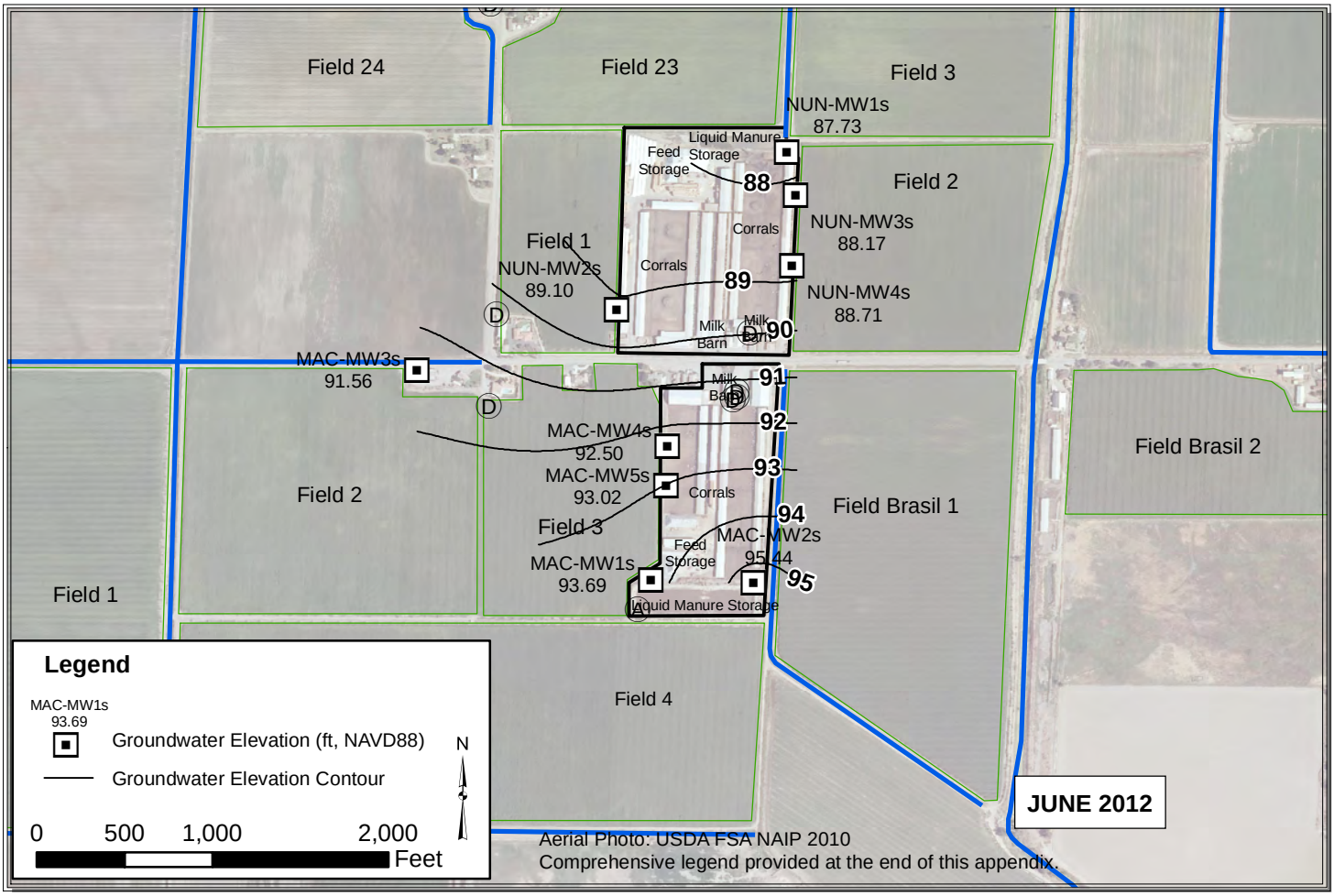
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\NUN_MAC\NUN and MAC_Jan_Feb.mxd



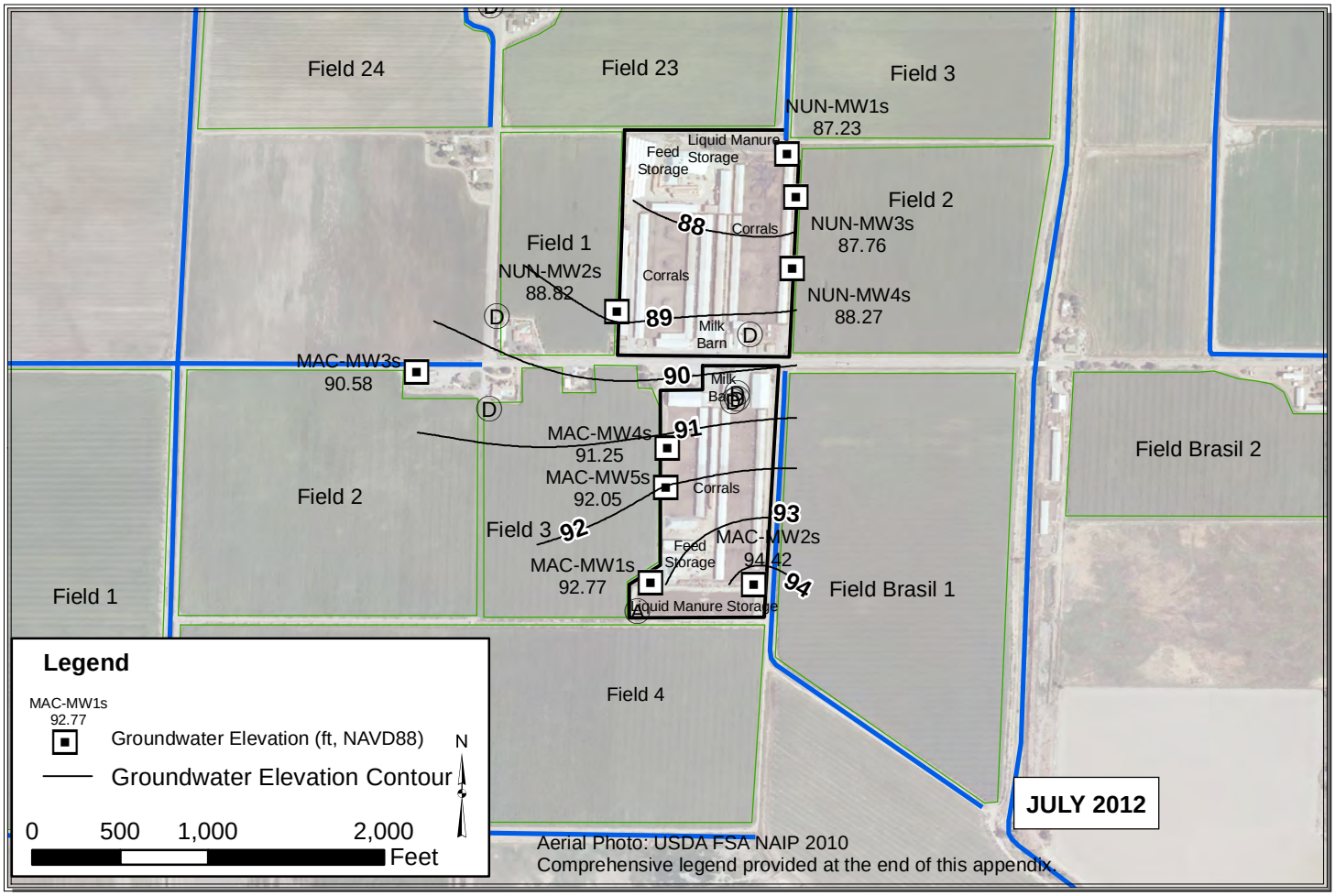


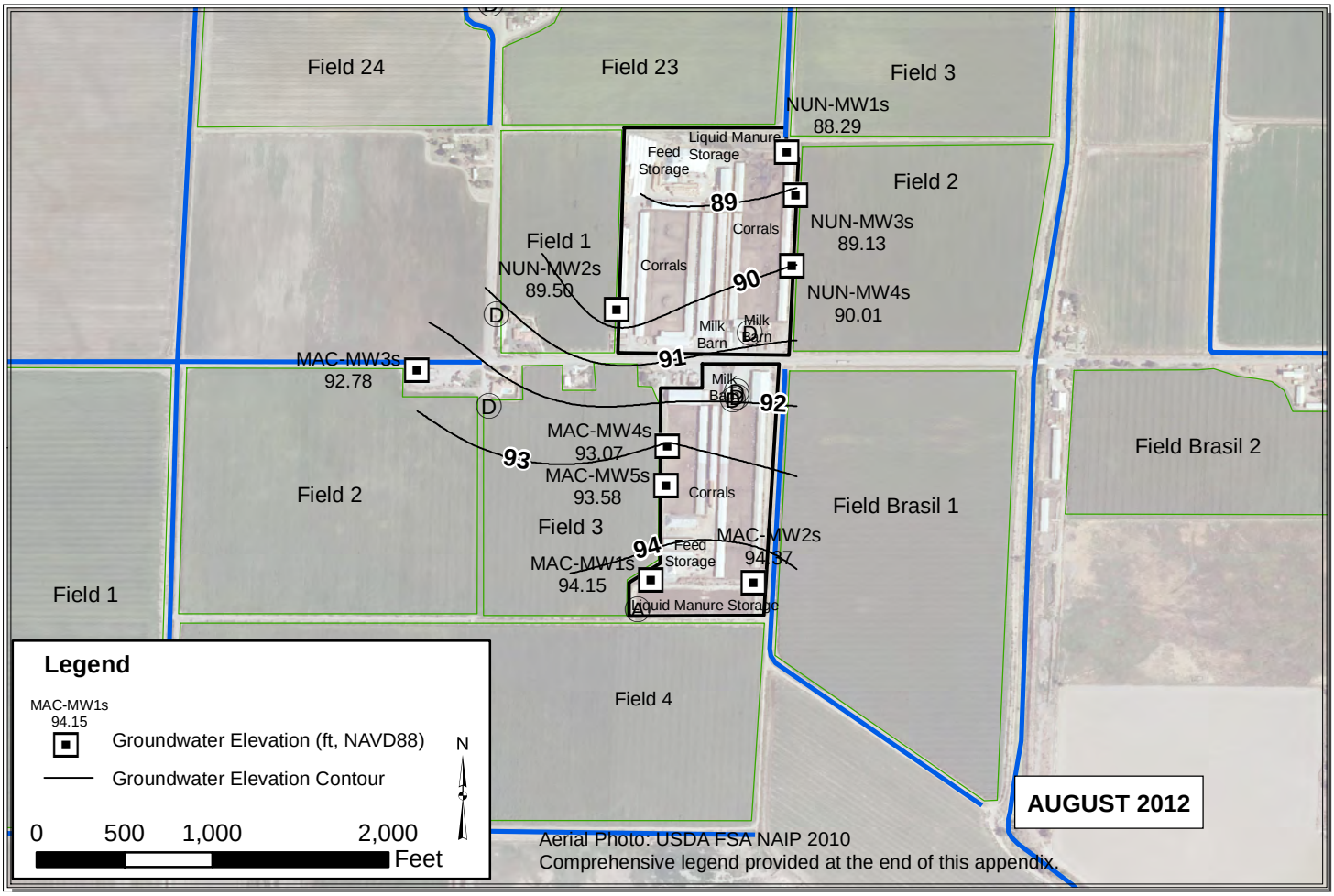
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\NUN_MAC\NUN and MAC_Mar_Apr.mxd



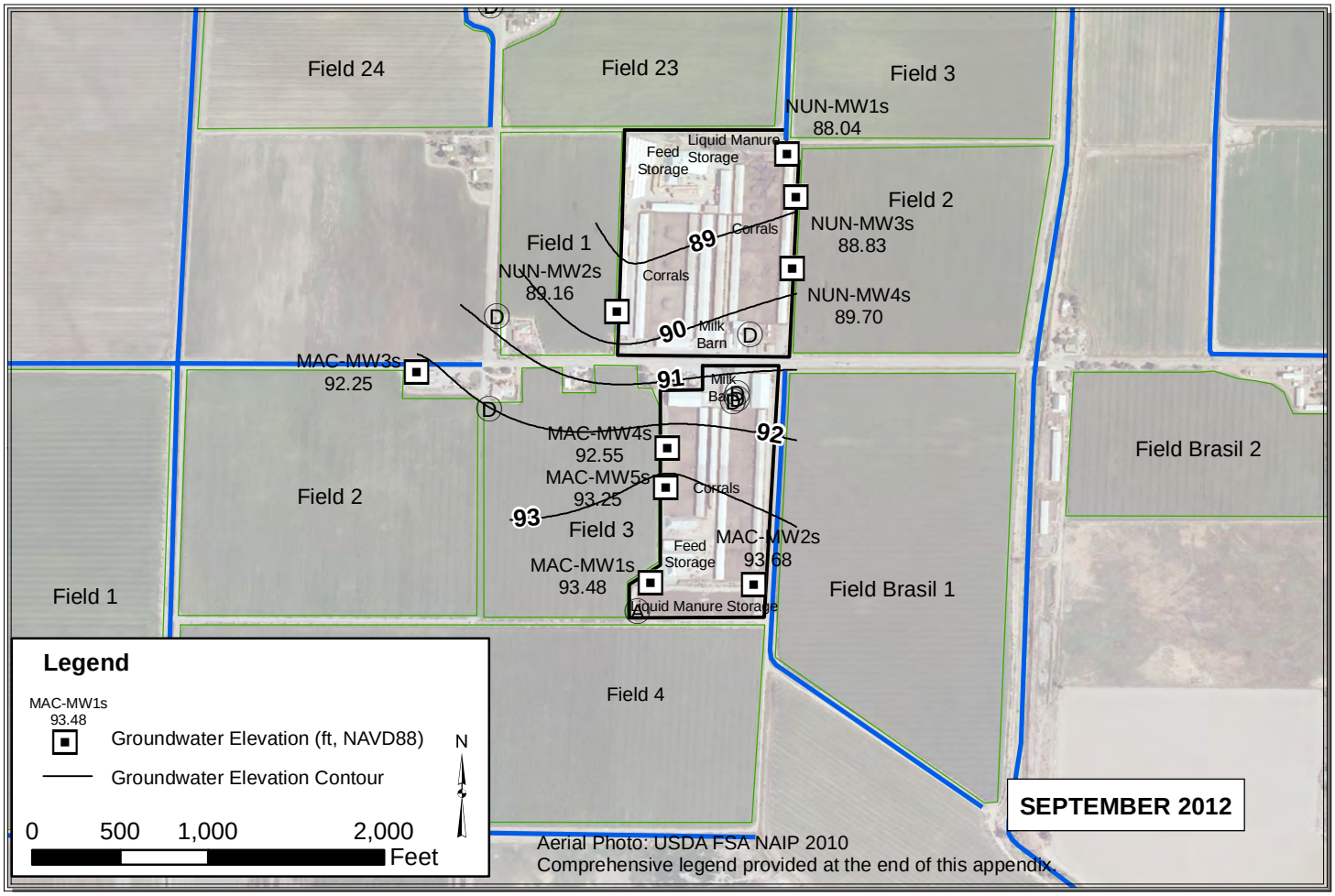


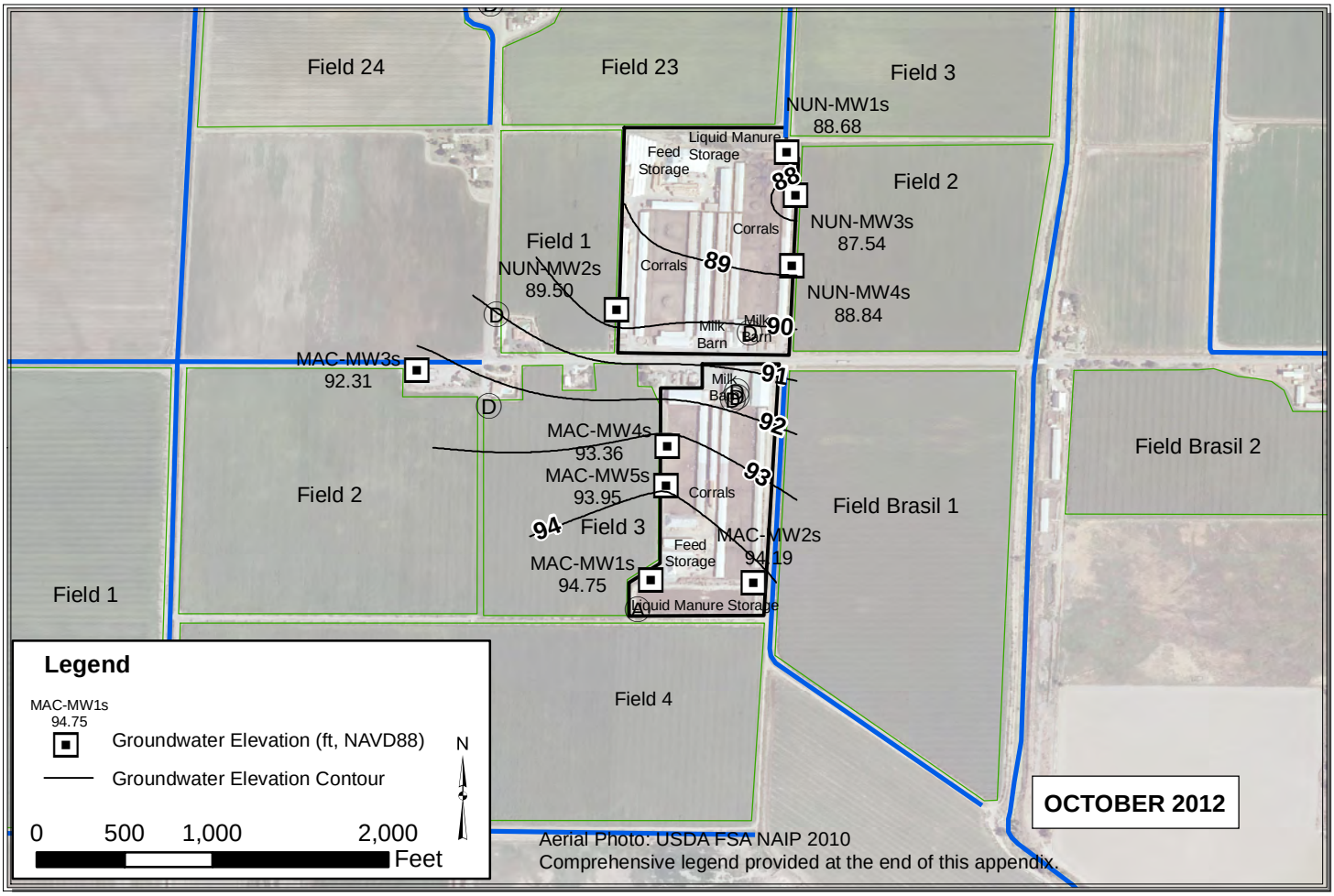
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\NUN_MAC\NUN and MAC_May_June.mxd



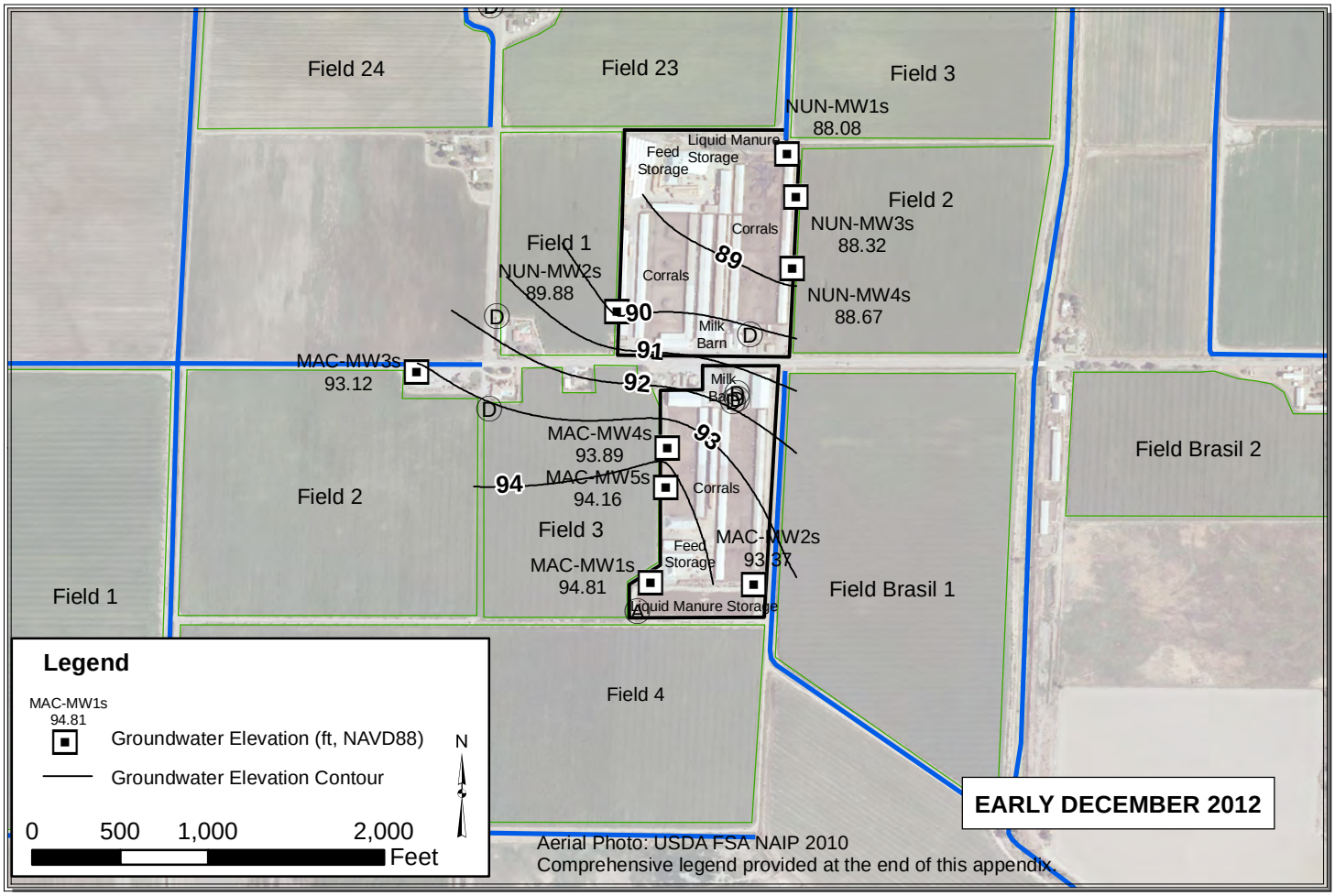


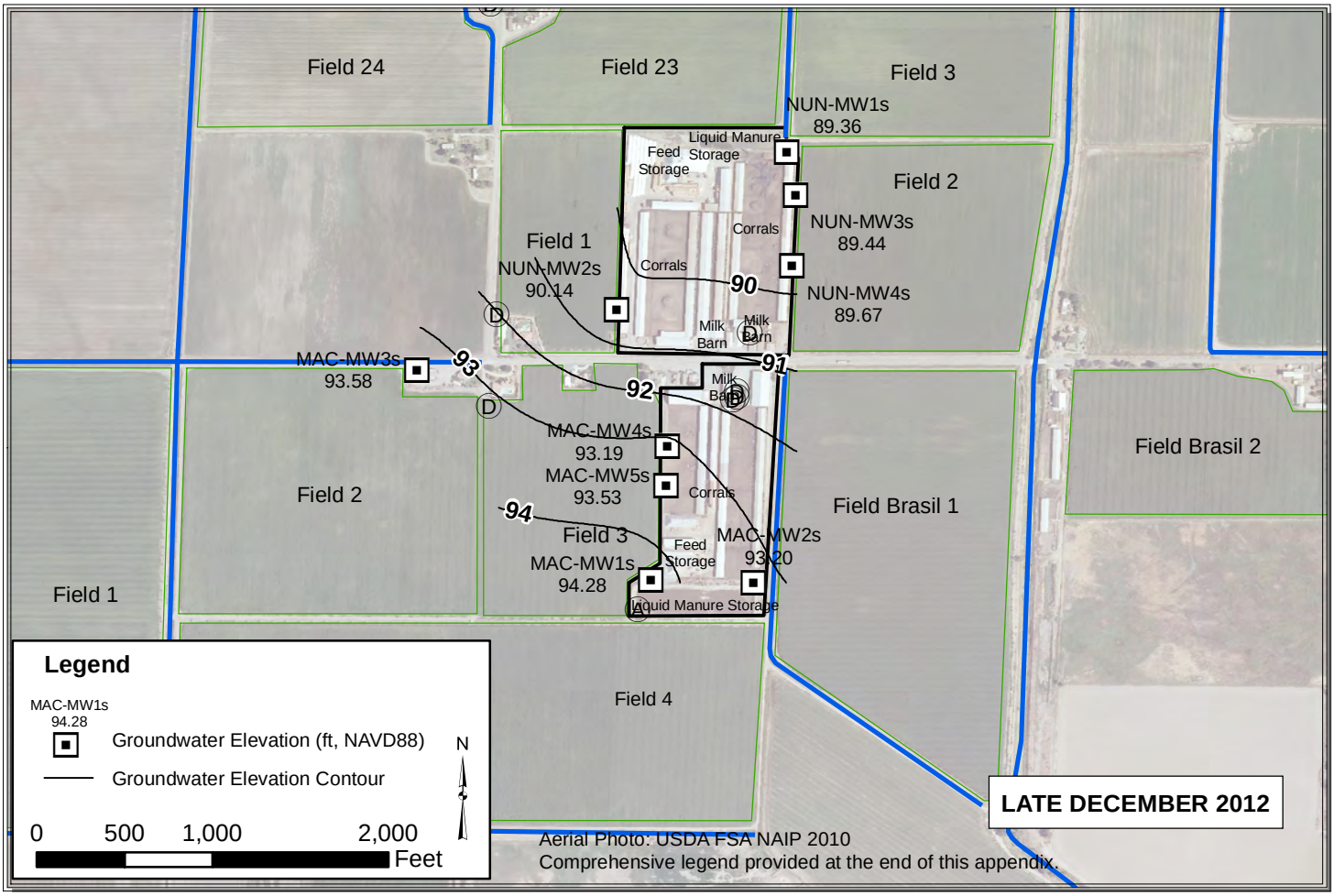
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\NUN_MAC\NUN and MAC_July_Aug.mxd





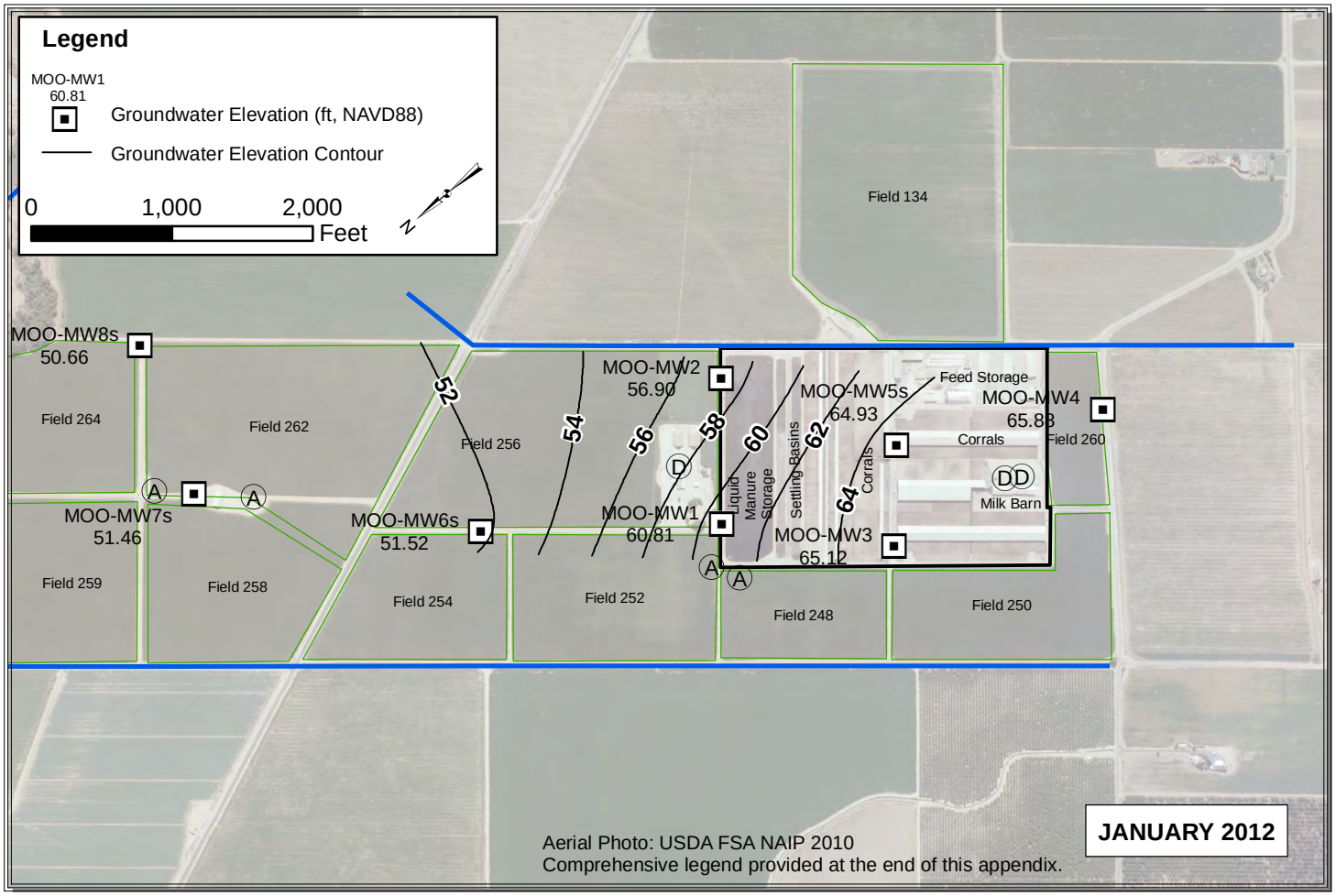
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\NUN_MAC\NUN and MAC_Sep_Oct.mxd

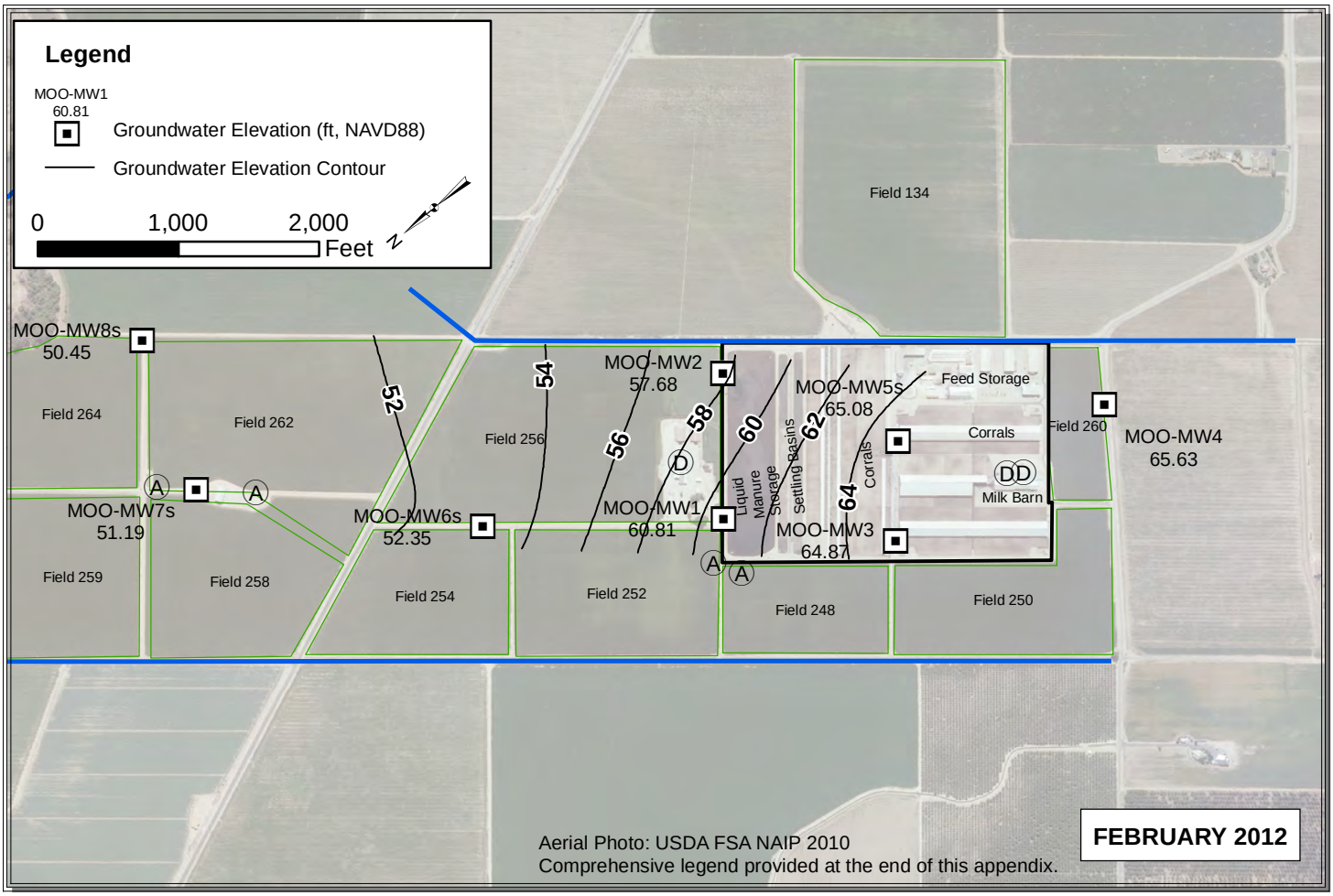




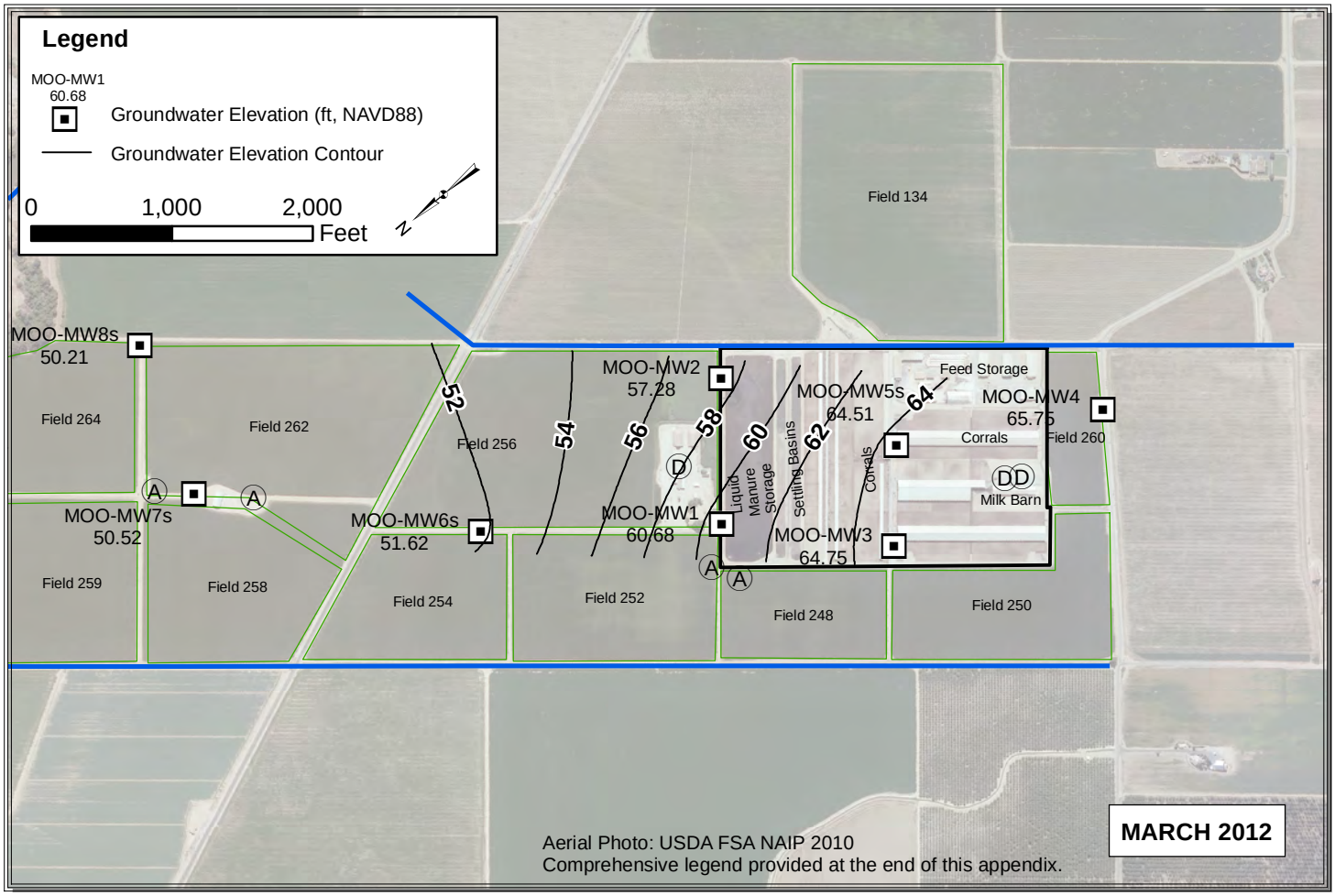
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\NUN_MAC\NUN and MAC_Dec.mxd

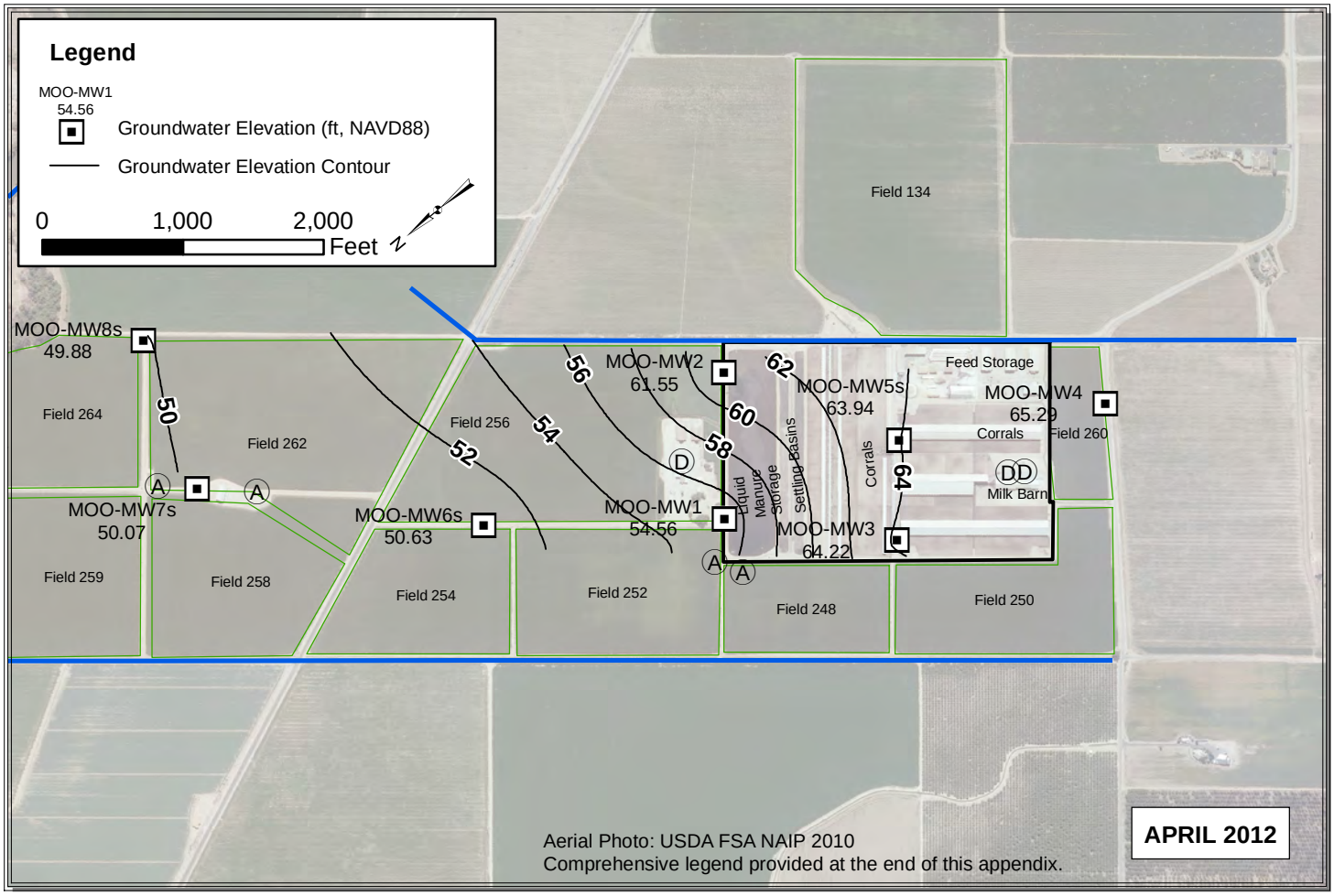
MOO



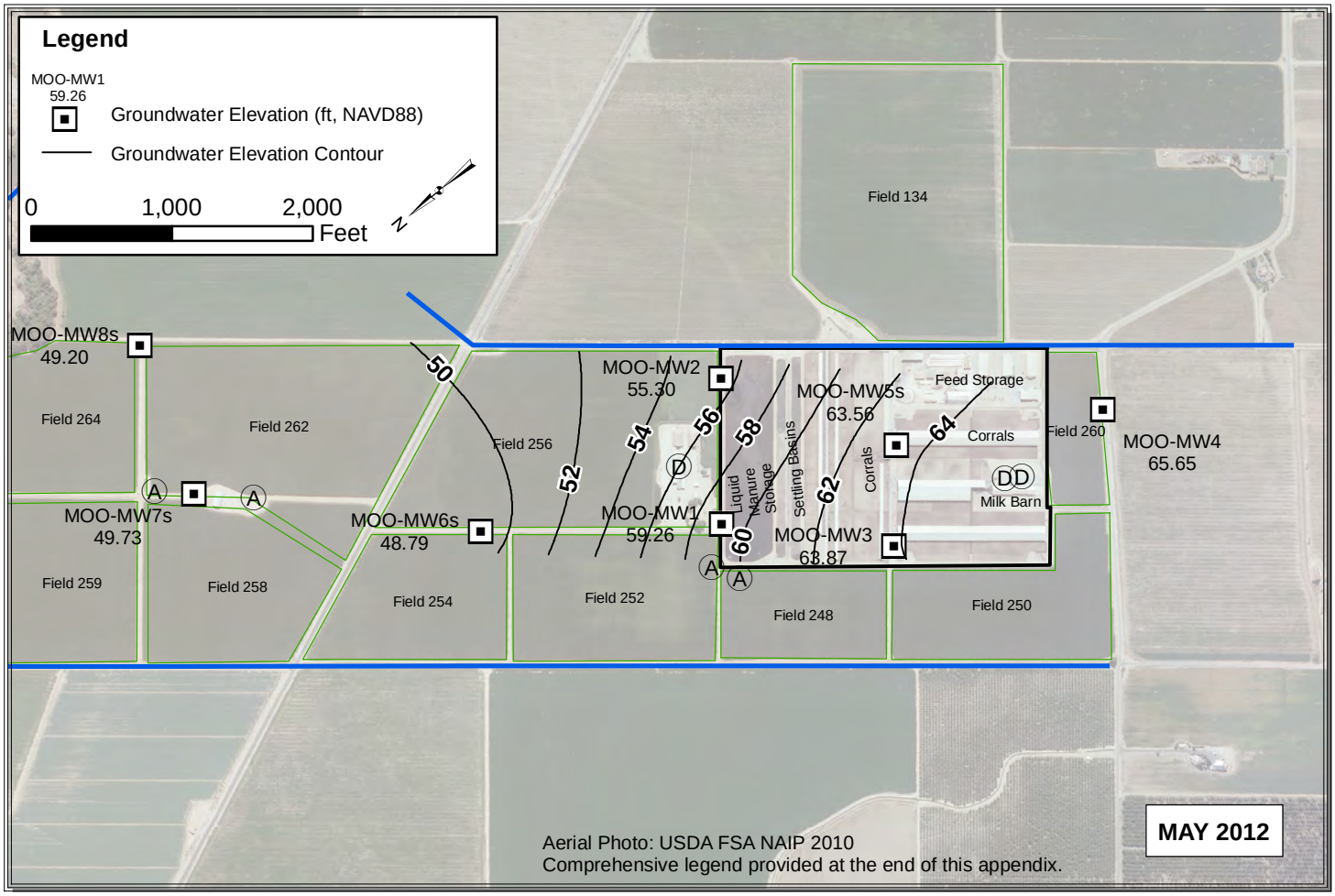


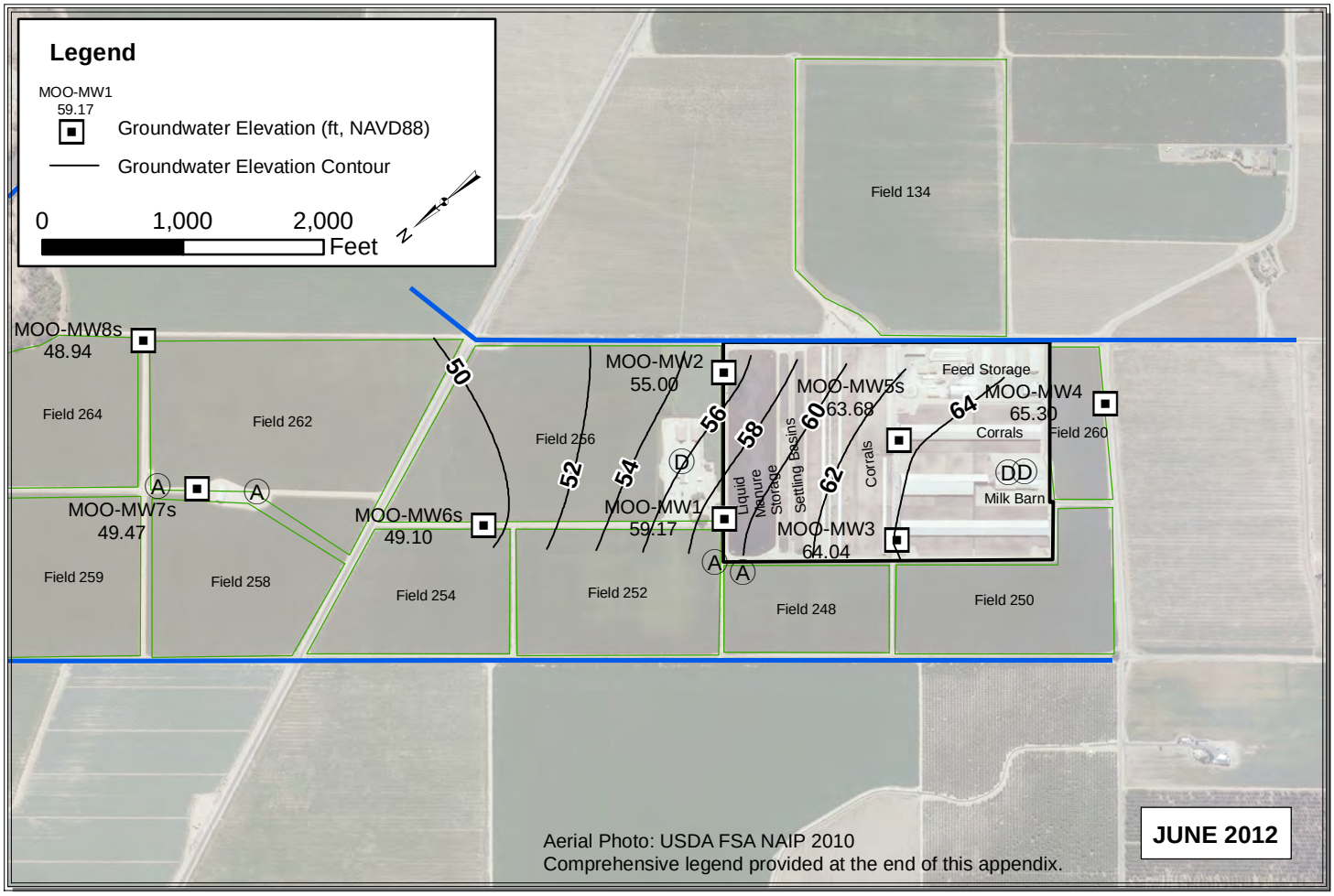
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MOO\MOO_Jan_Feb.mxd



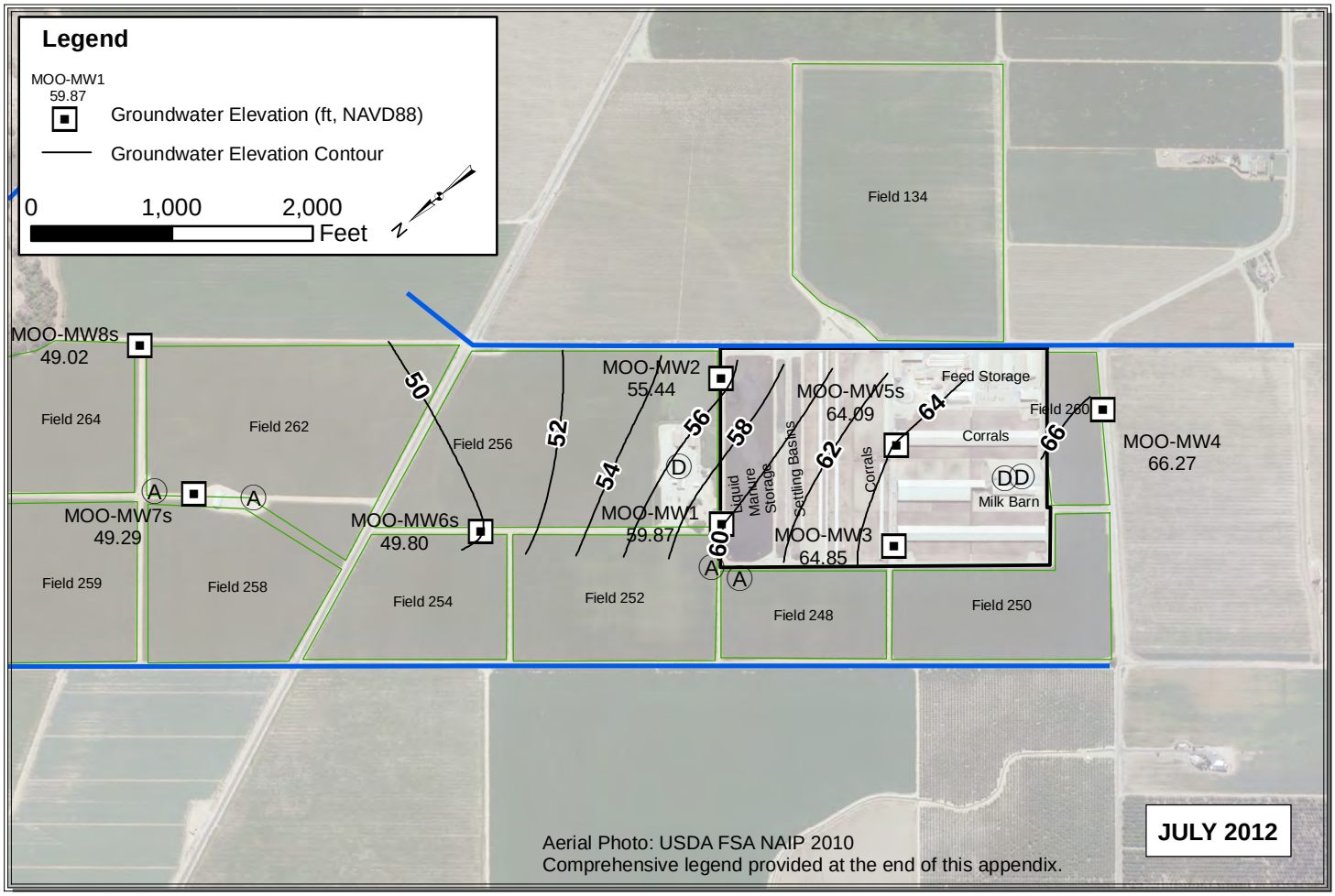


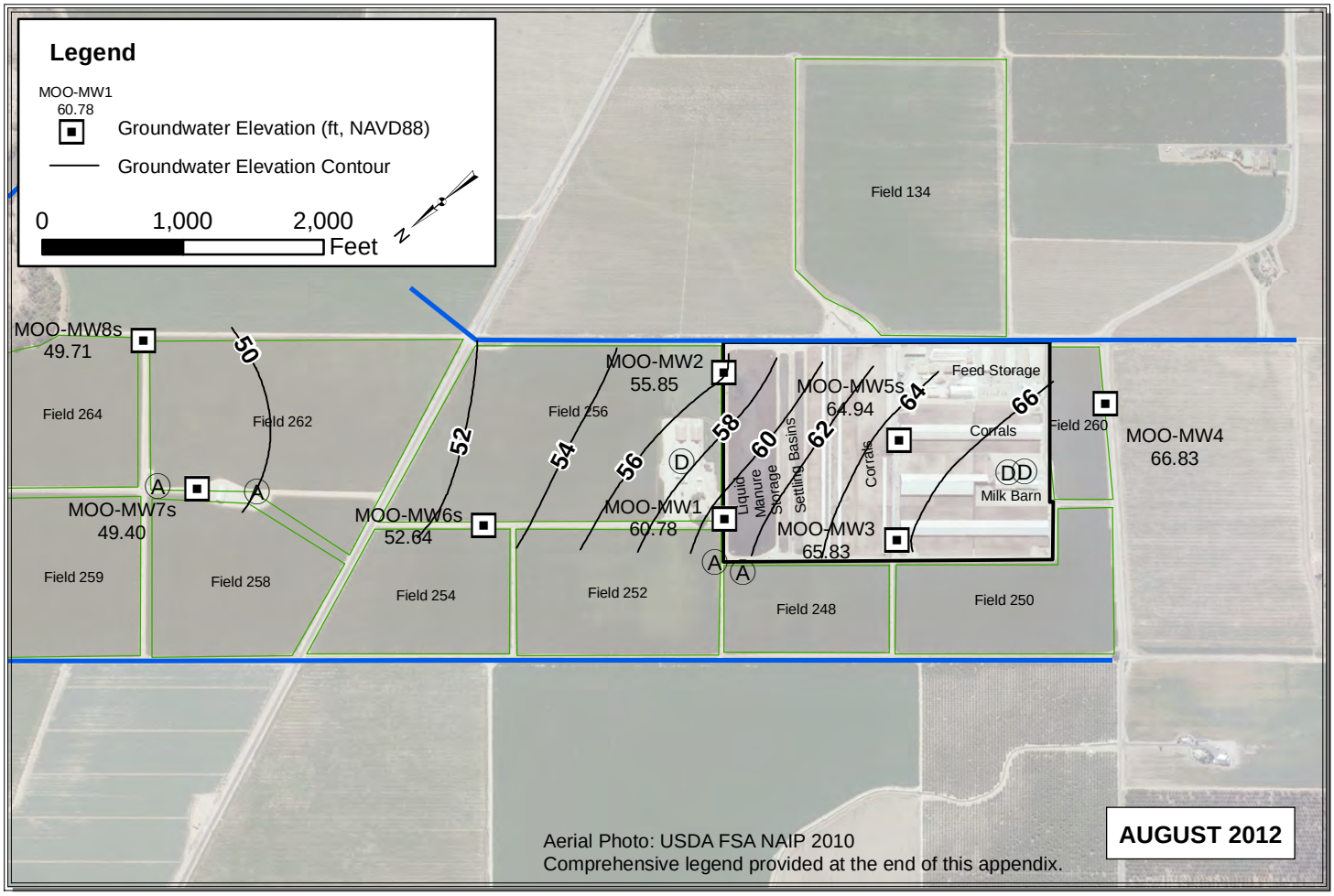
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MOO\MOO_Mar_Apr.mxd



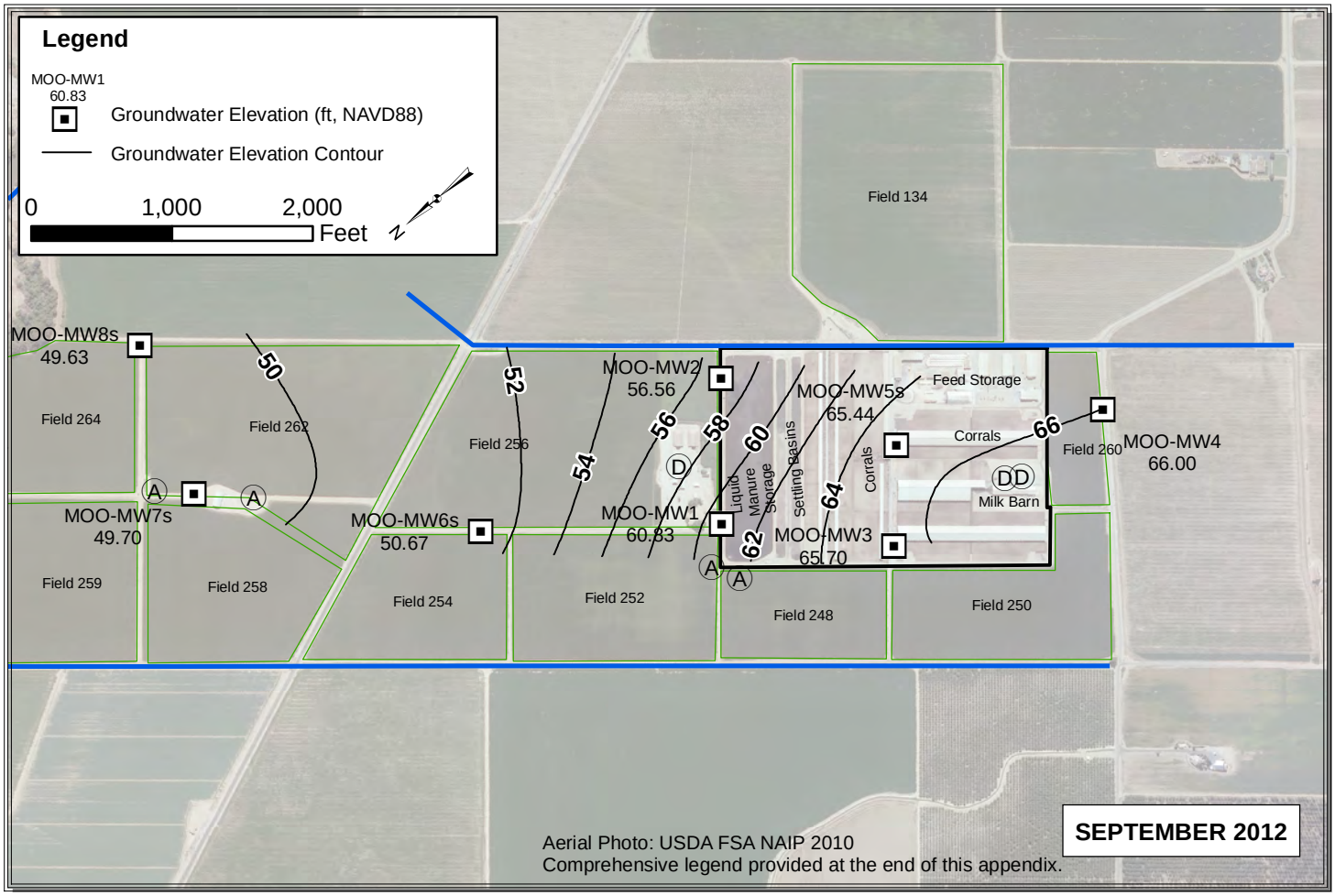


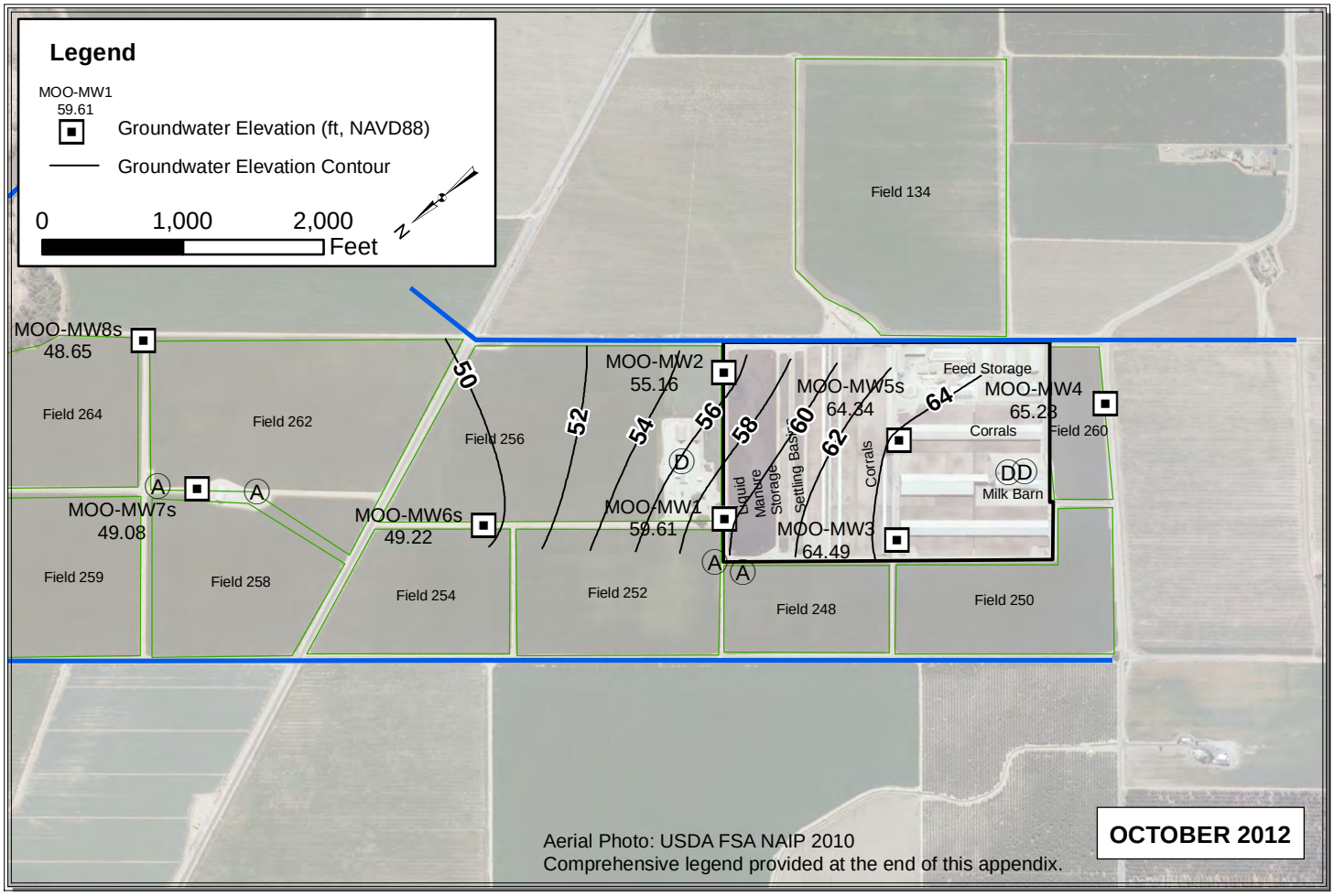
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MOO\MOO_May_Jun.mxd



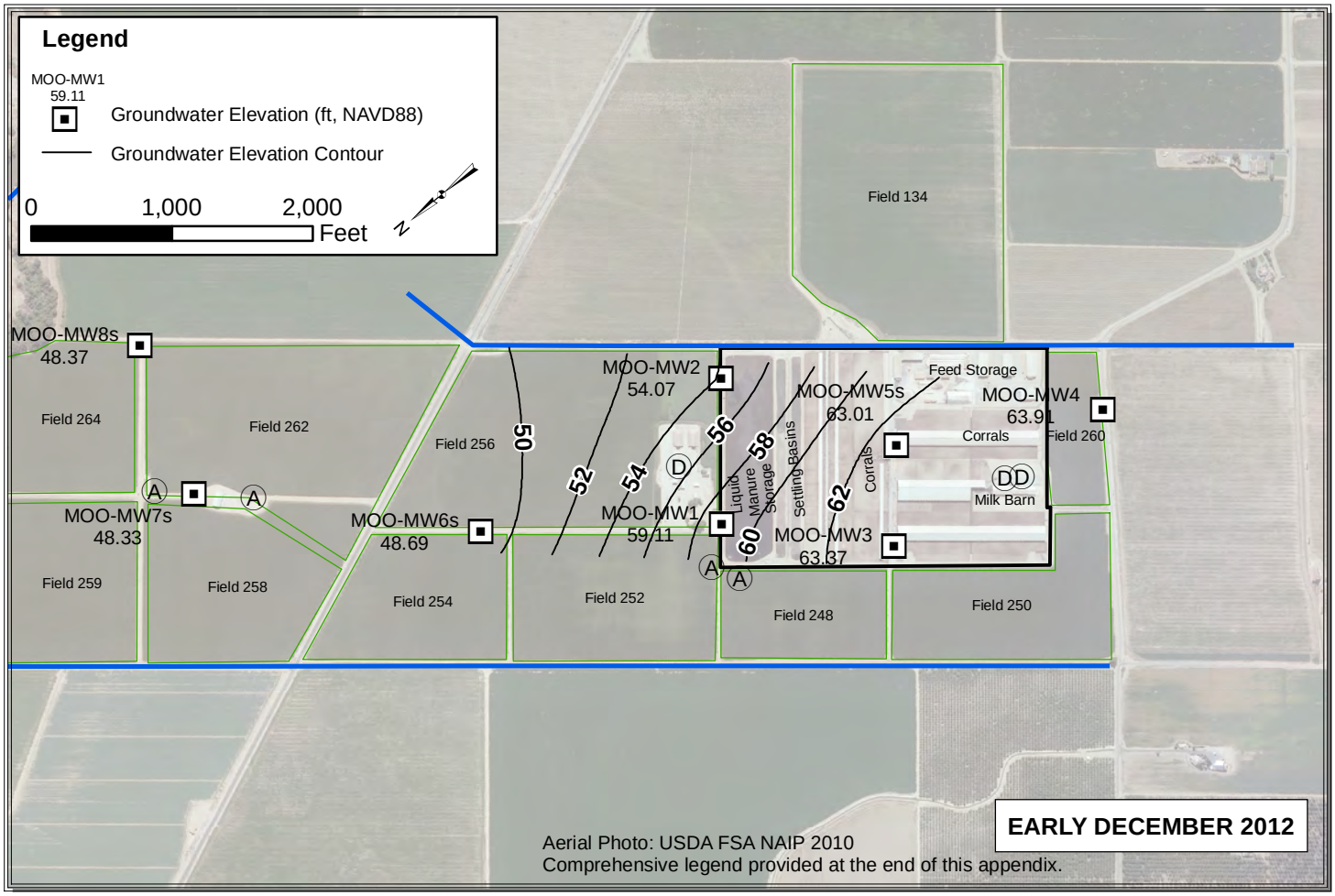


Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MOO\MOO_Jul_Aug.mxd



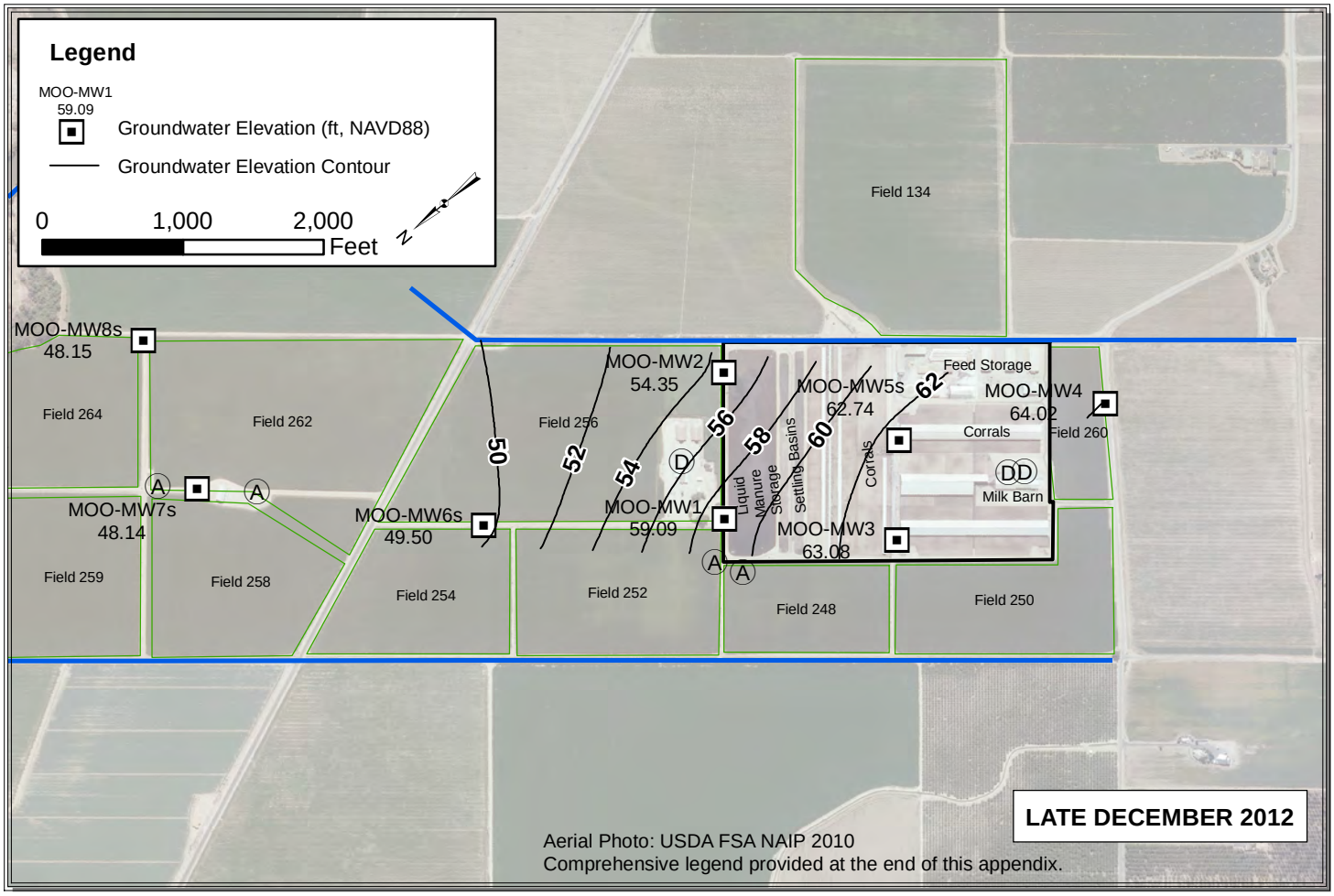


Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MOO\MOO_Sep_Oct.mxd



EARLY DECEMBER 2012

Aerial Photo: USDA FSA NAIP 2010
Comprehensive legend provided at the end of this appendix.

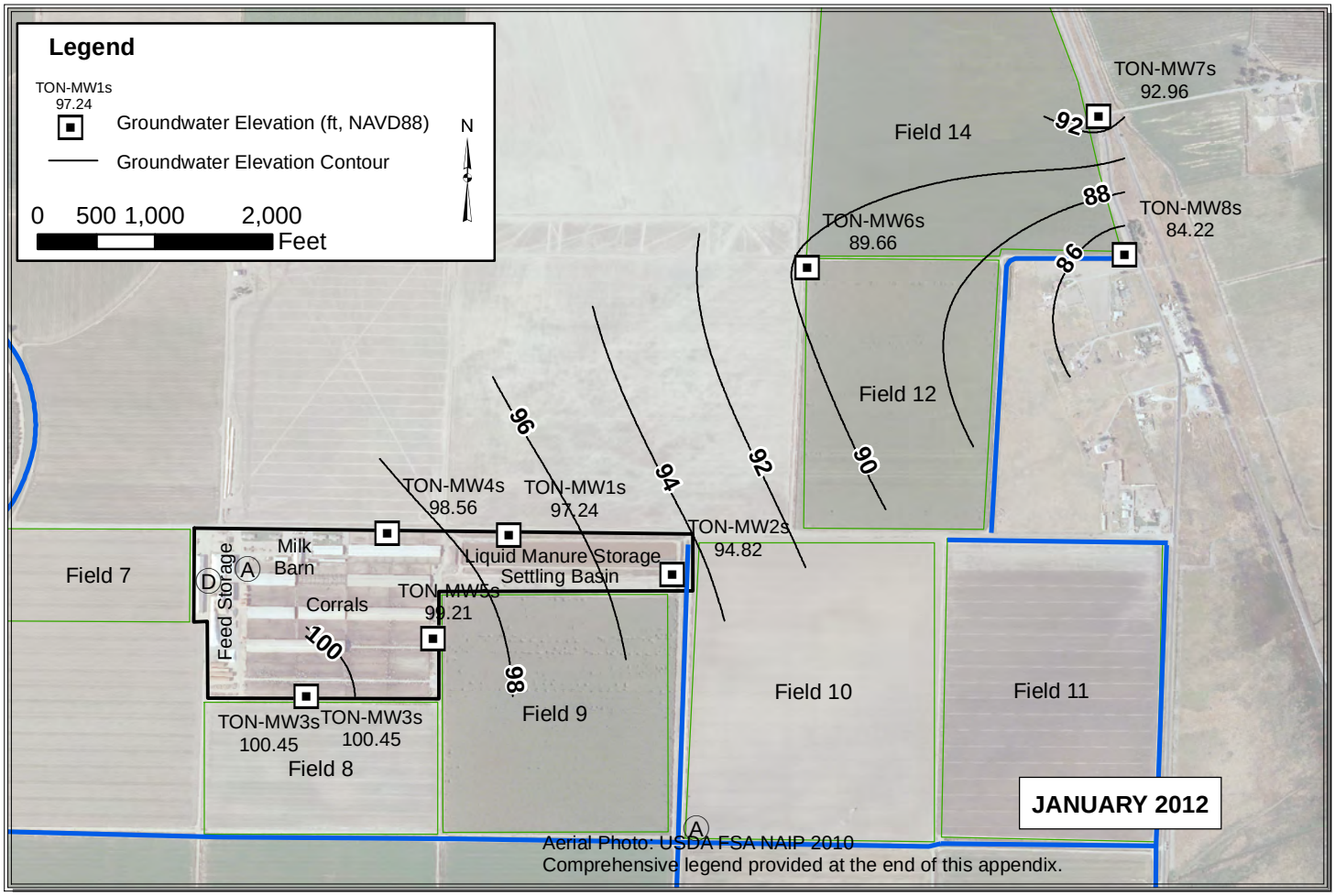


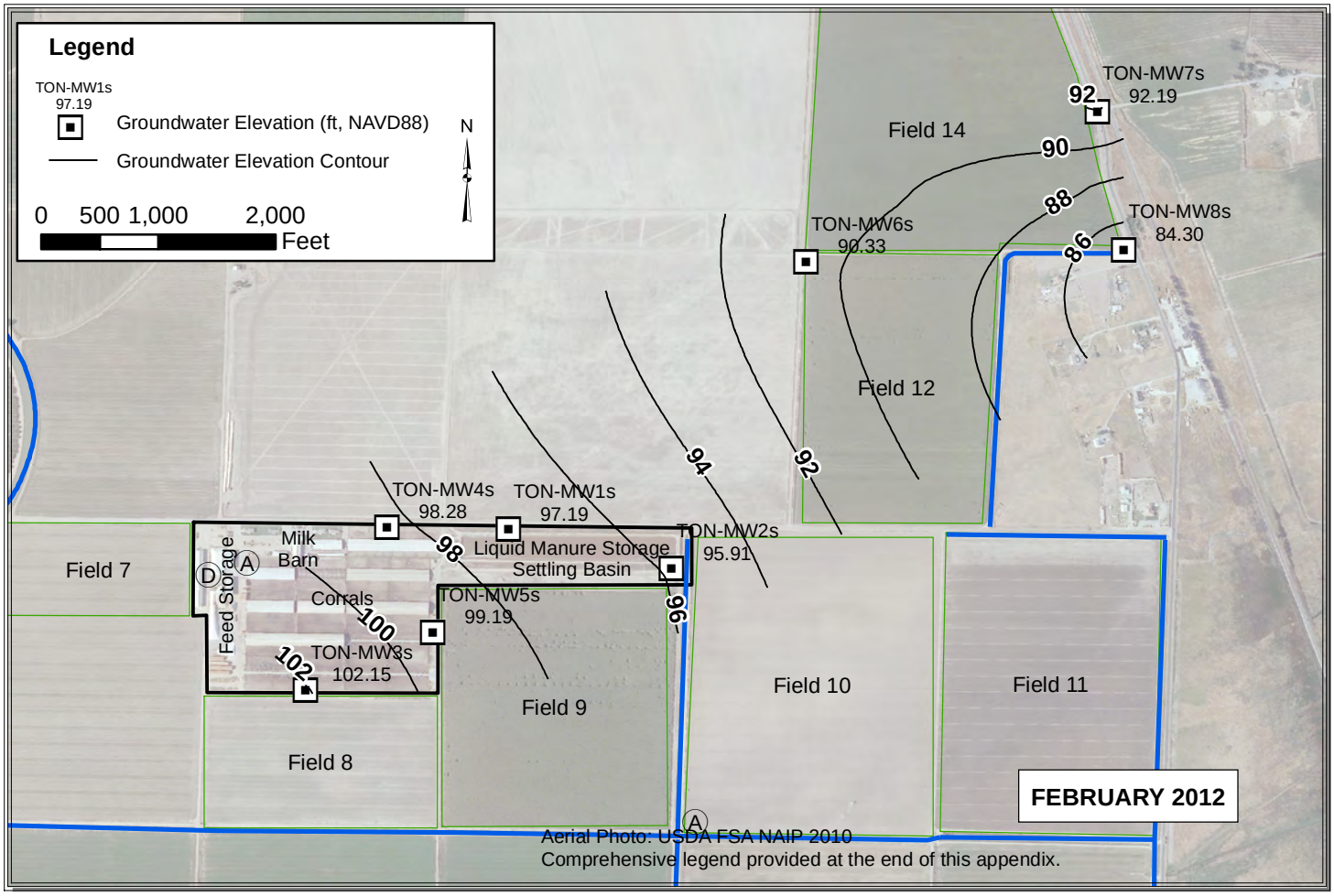
LATE DECEMBER 2012

Aerial Photo: USDA FSA NAIP 2010
Comprehensive legend provided at the end of this appendix.

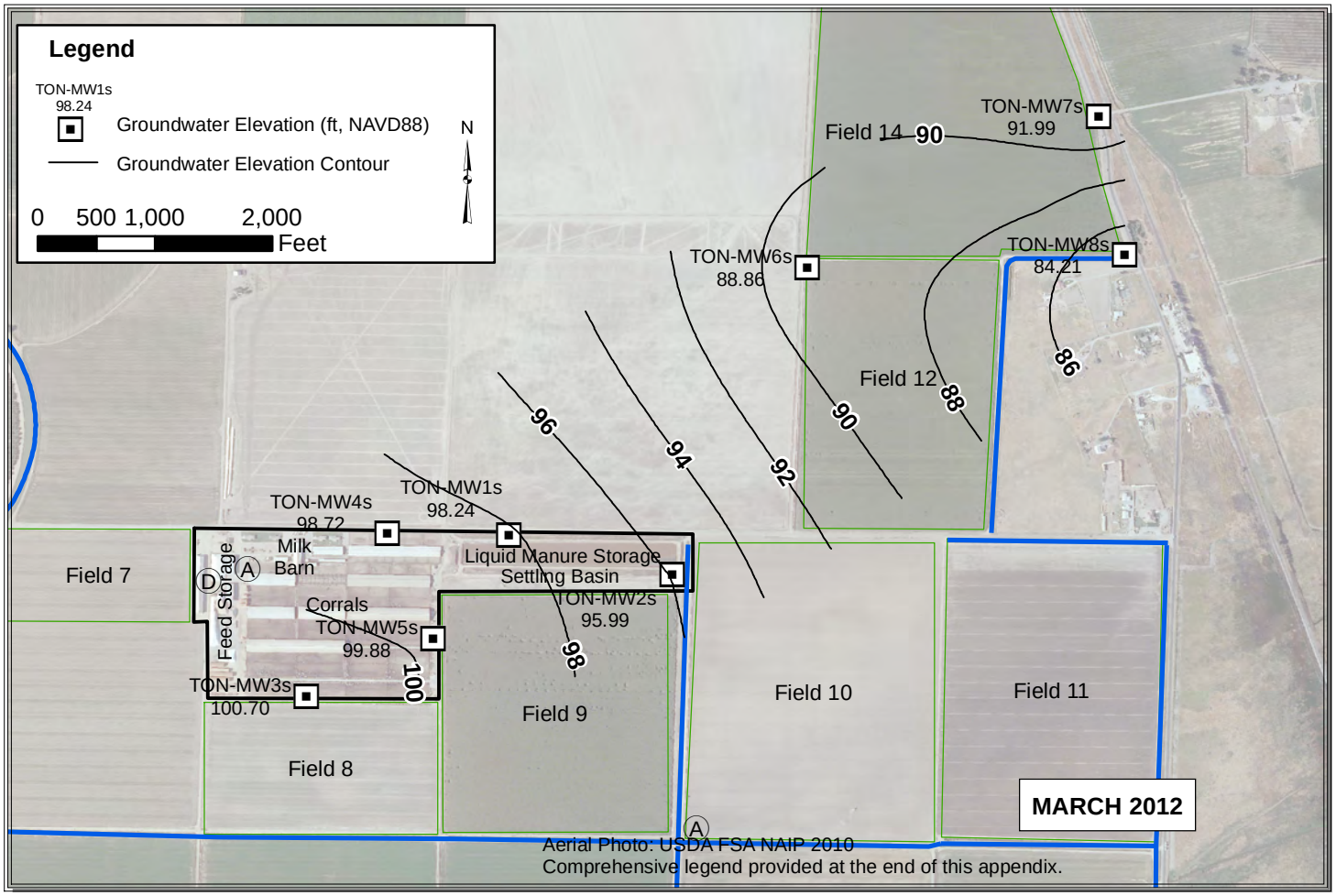
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\MOO\MOO_Dec.mxd

TON

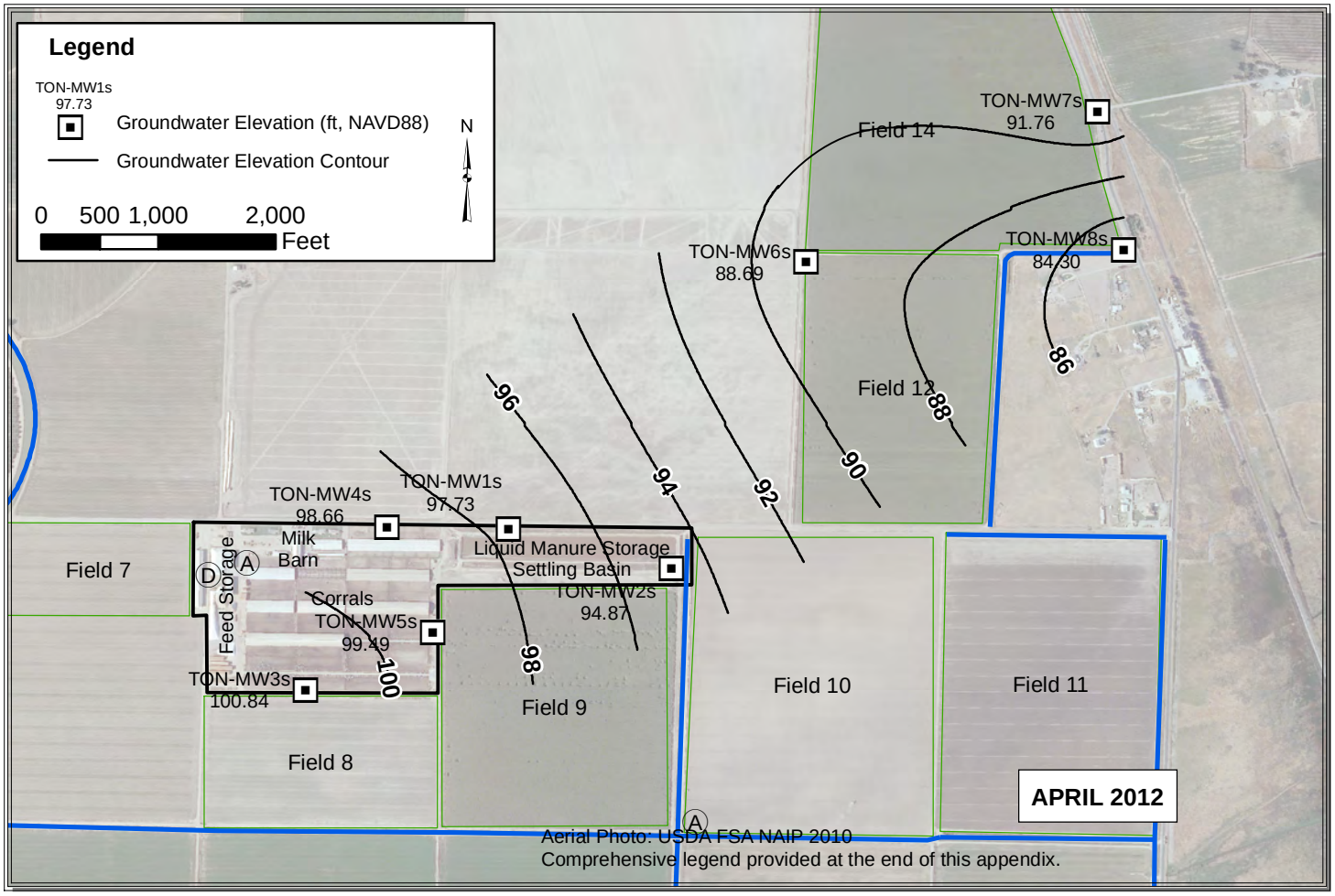




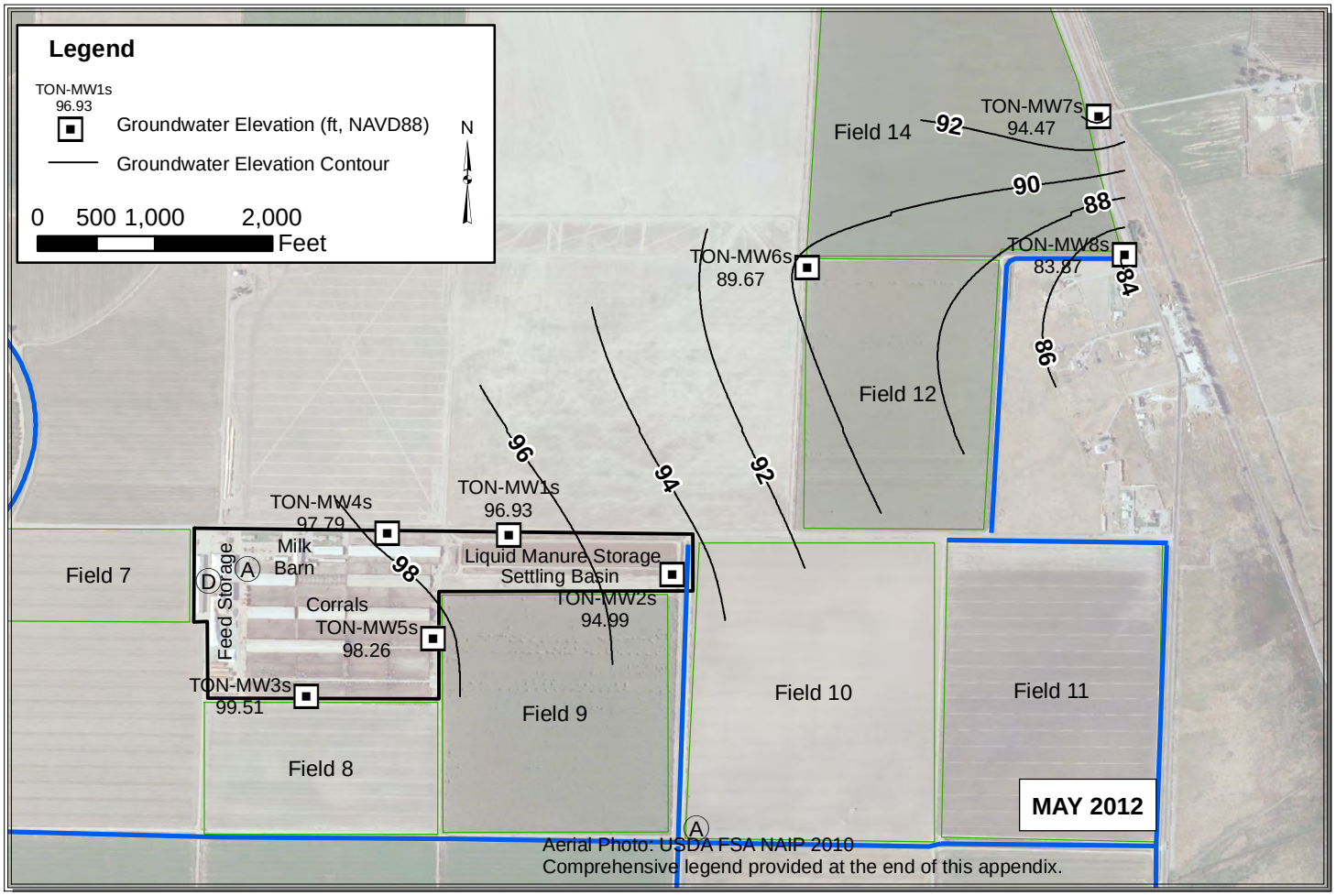
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\TON\TON_Jan_Feb.mxd

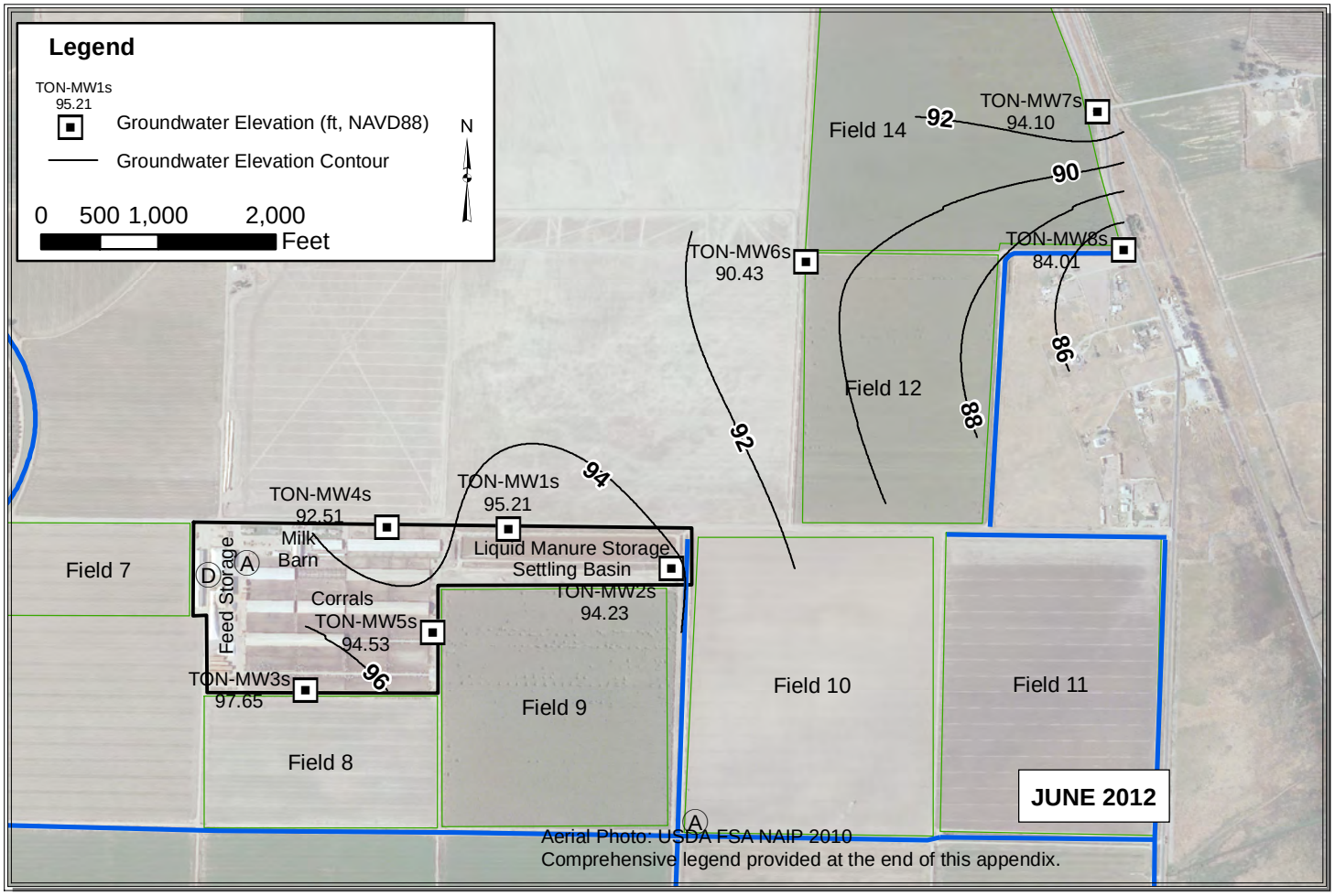


xes.

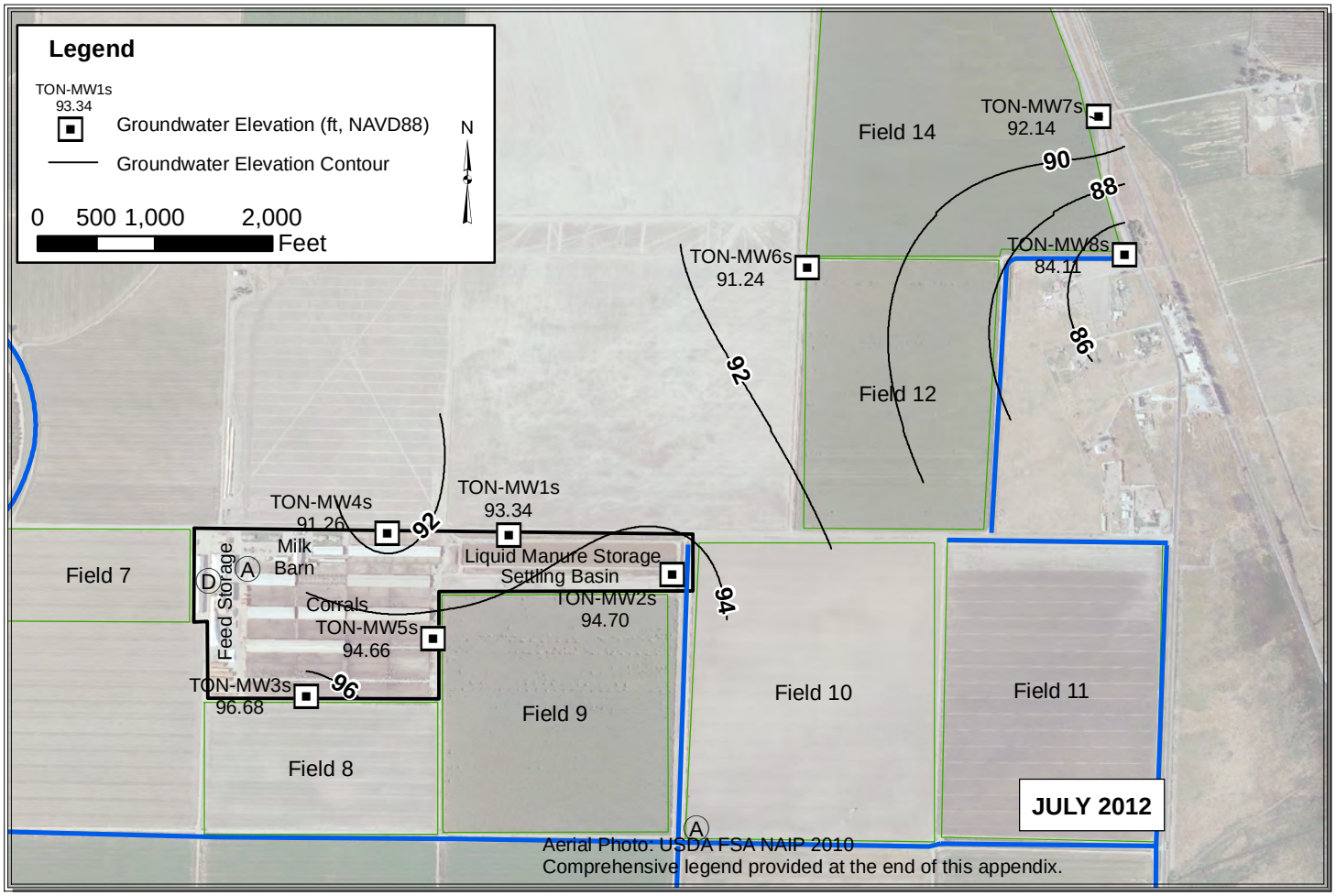


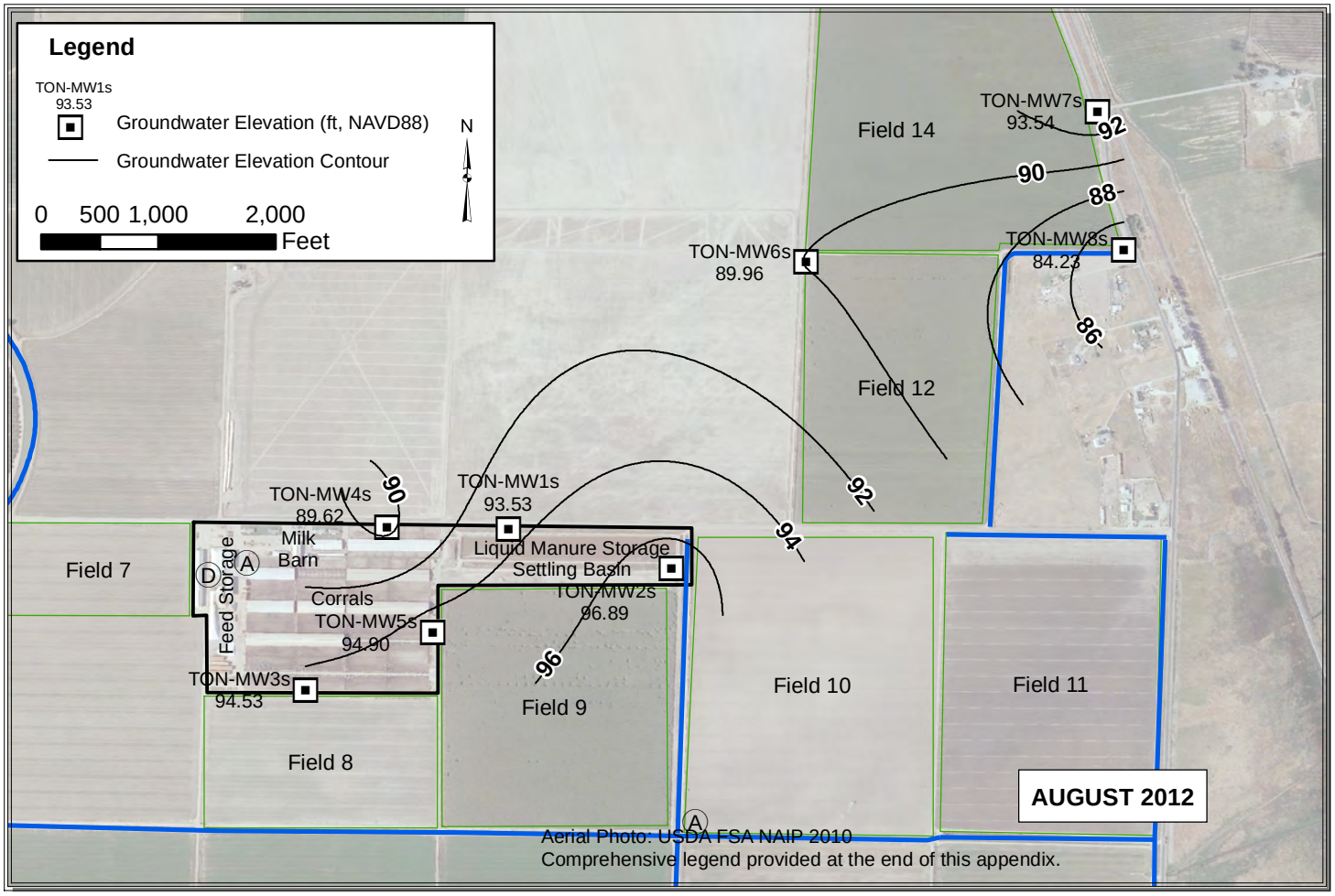
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\TON\TON_Mar_Apr.mxd



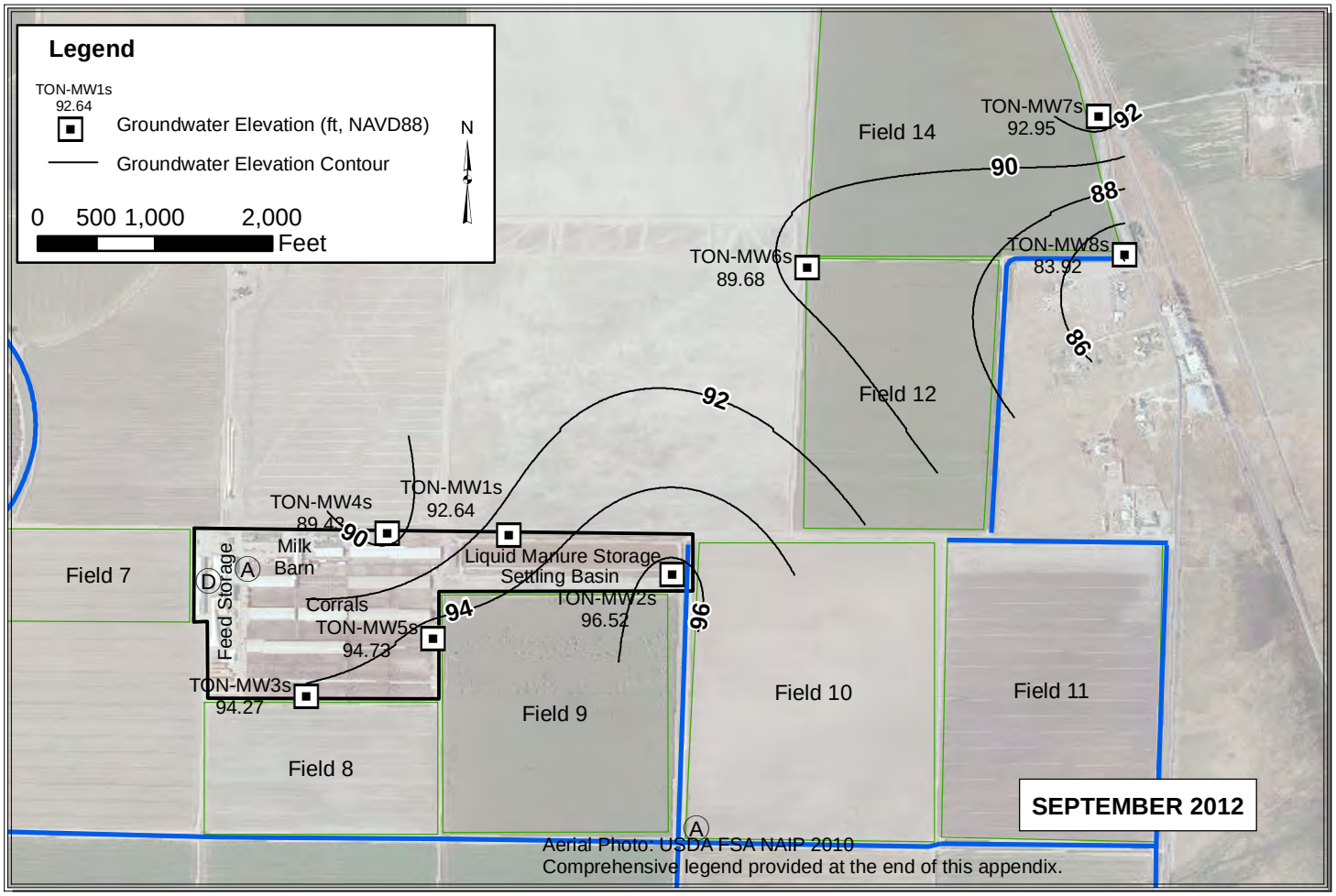


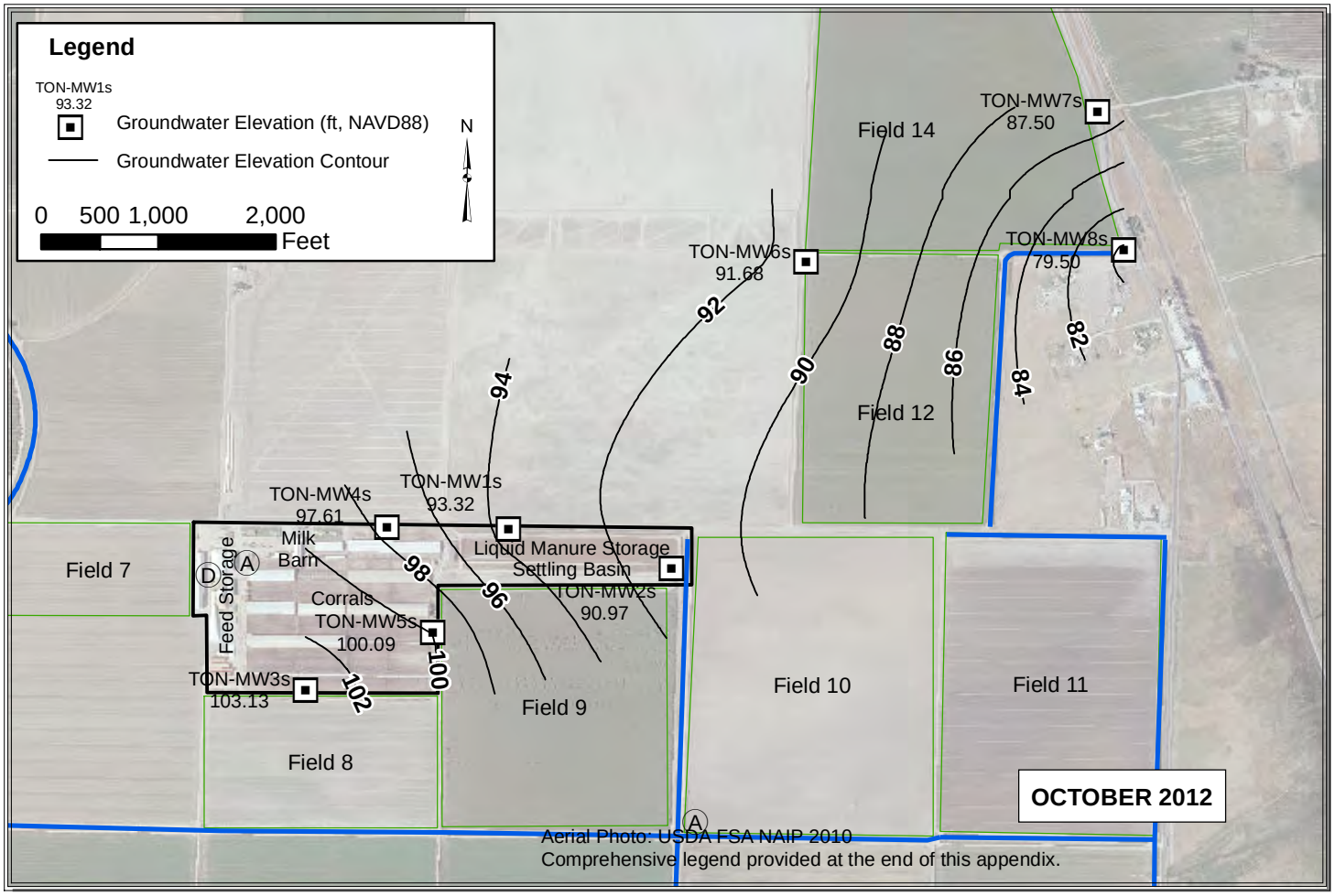
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\TON\TON_May_June.mxd



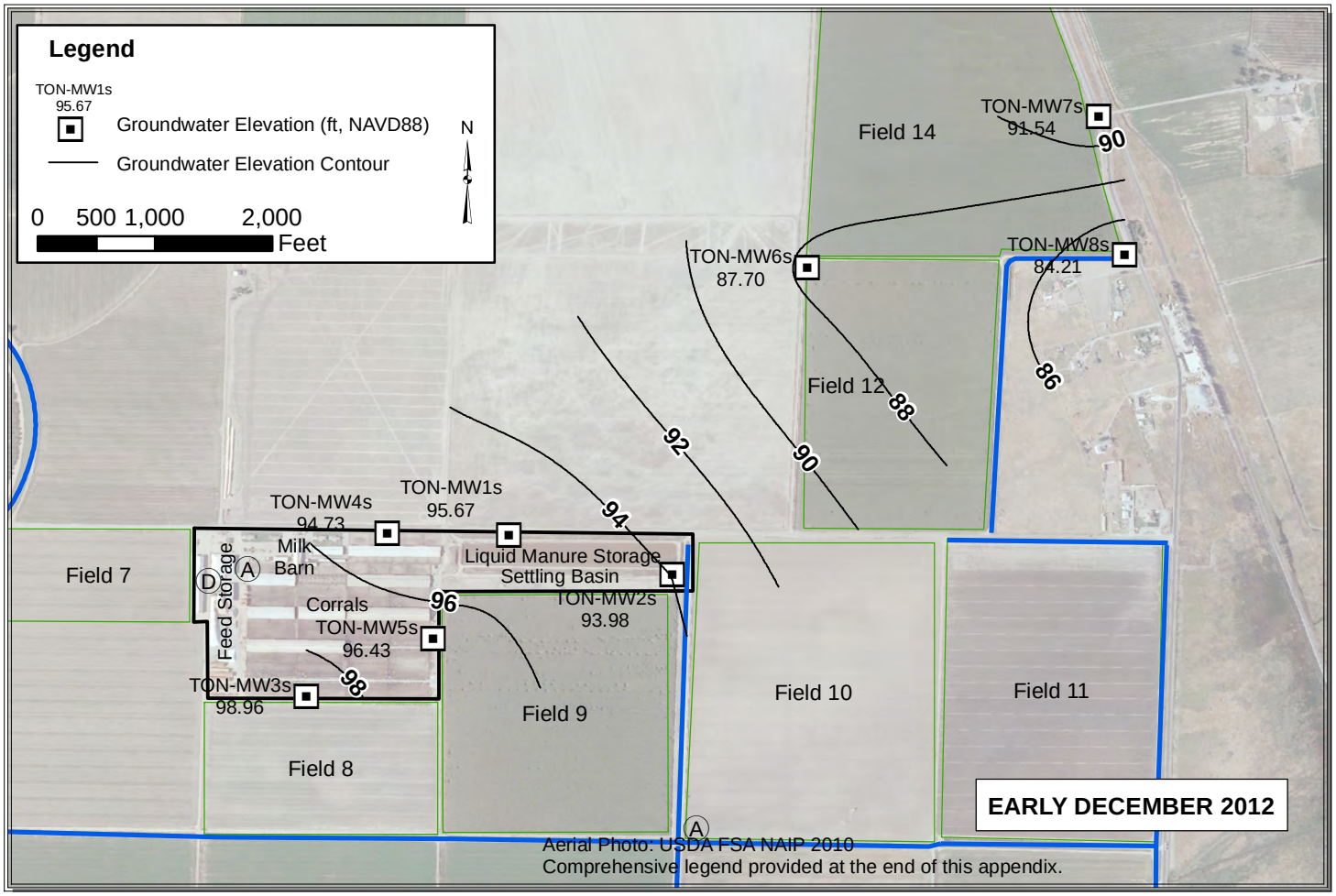


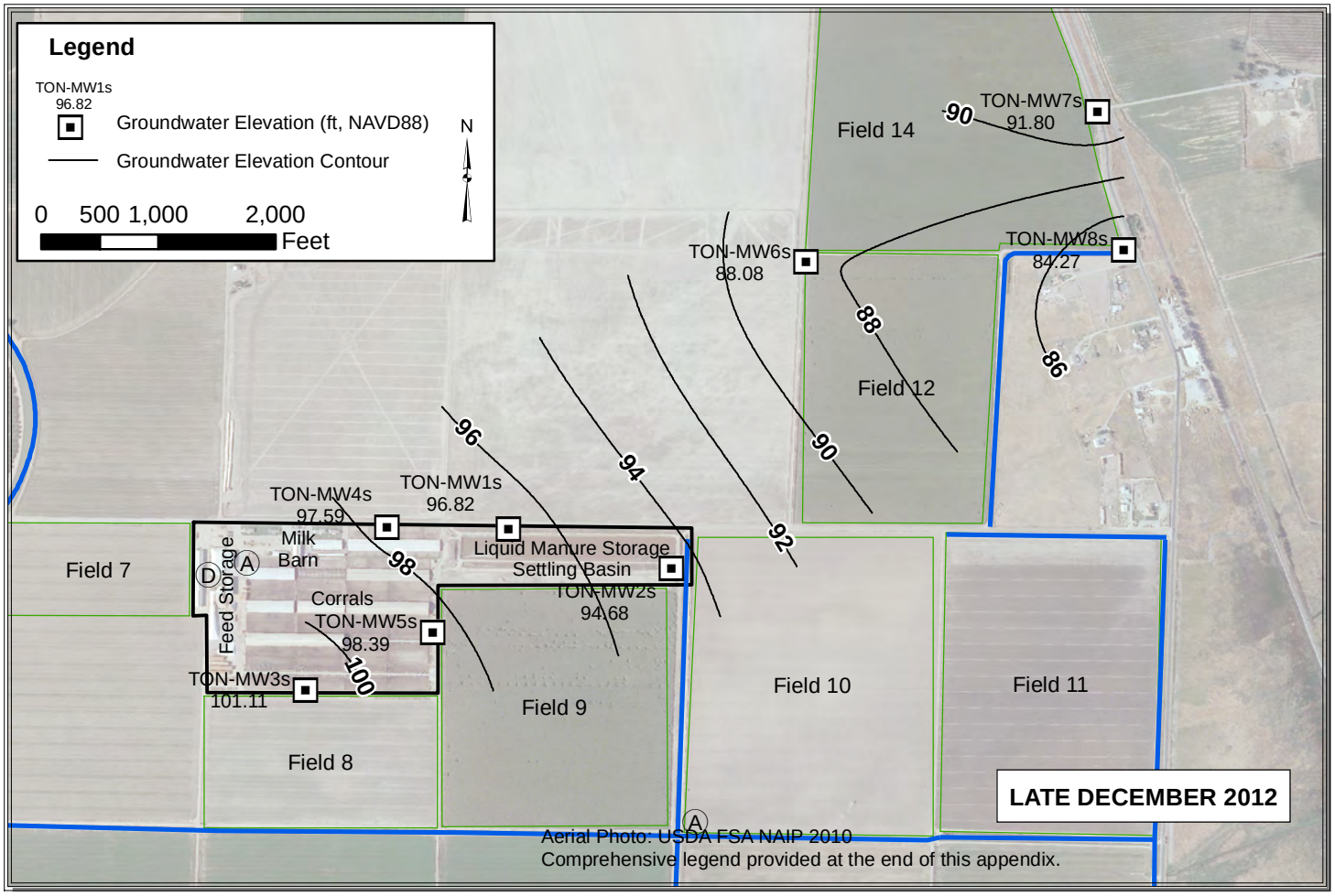
Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\TON\TON_July_Aug.mxd





Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\TON\TON_Sep_Oct.mxd





Path: Y:\Dairy GIS\GIS\Map Files\WL Contour Maps\2pp\TON\TON_Dec.mxd

Legend

- 1-Pipe Monitoring Well
- 2-Pipe Monitoring Well
- Ag Well
- Domestic Well
- Unknown Well
- Dairy Production Area
- Soil Characteristic Units
- Box, Irrigation Control
- Box, Mixing
- Capped
- Drain
- Drop Box
- Flow Meter
- Flush Return Inlet Pipe
- Mechanical Separator
- Microjet Irrigation Filter & Pump
- Pump
- Pump, Floating
- Pump, Portable
- Pump, Tailwater
- Pump, Tile Drain
- Pump, Wastewater
- Stand Pipe
- TID Inlet
- Tank, Flush
- Tank, Water Storage
- Valve
- B - Berms/Levees
- C - Canal, Concrete
- C - Canal, Earthen
- Culvert
- D - Ditch, Concrete
- D - Ditch, Concrete - Community
- D - Ditch, Earthen
- D - Ditch, Earthen - Community
- Flow Direction, Irrigation Flow
- Flow Direction, Surface Drainage
- Flow Direction, Tailwater Flow
- Pipeline, Freshwater
- Pipeline, Irrigation
- Pipeline, Tailwater
- Pipeline, Tailwater/Tile Drain
- Pipeline, Tile Drain
- Pipeline, Wastewater
- Setback/Physical Barrier
- Animal Housing/Shade
- Calf Barn
- Calf Hutches
- Milk Barn
- Corral
- Hay Barn
- Commodity Barn
- Shed/Shop
- Other Structure
- Feed Storage (Roofed)
- Feed Storage (on Concrete)
- Feed Storage (on Earth)
- Field
- Field, Tiled
- Earthen Tailwater Pond
- Dry Scrape Alley
- Manure Stacking Area (on Concrete)
- Manure Stacking Area (on Earth)
- Solids Settling Basin
- Flush Lane
- Liquid Manure Storage
- Earthen Stacking Area
- Equipment Storage
- Concrete Processing Pit
- Concrete Sand Trap
- Digester
- Weir Box

Field Crop Data on "Dairy Production Area and Associated Fields" map series are shown in black lettering on maps and organized as shown below:

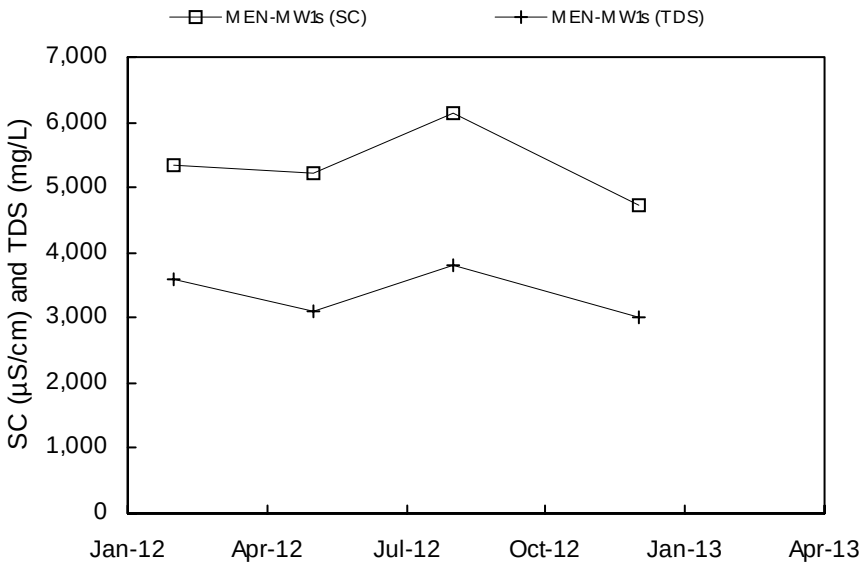
CROP | Lagoon Liquor Applied (Y/N)? | Solid Manure Applied (Y/N)? | Synthetic Fertilizer Applied (Y/N)? | Irrigation Depth (inches) | N applied (lbs/acre) | Dry Yield (tons/acre) | N Application/Removal Ratio

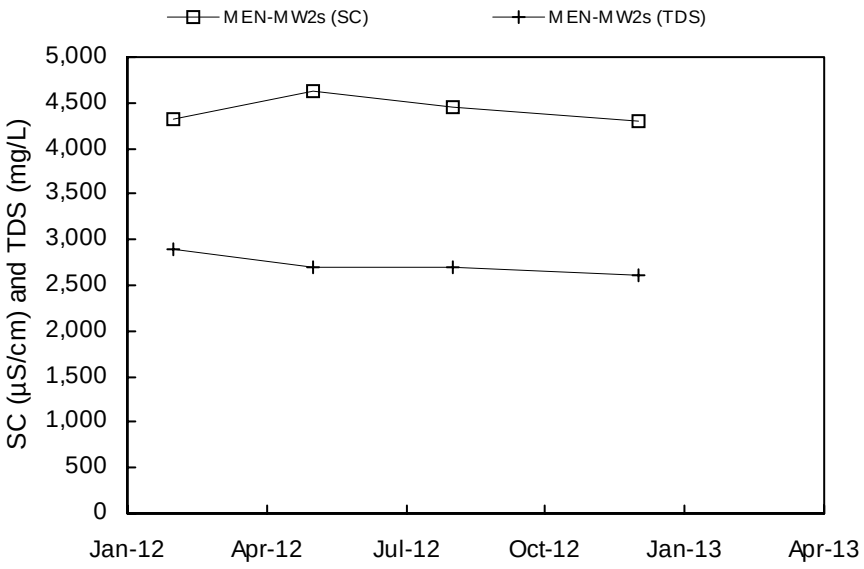
A – Alfalfa	AH – Alfalfa Hay	CE – Corn Ears	CS – Corn Silage
L – Almonds	LS – Almonds in Shell	O – Oat Silage	OH – Oat Hay
P – Pasture	S – Sudangrass	PS – Sweet Potato	WS – Wheat Silage

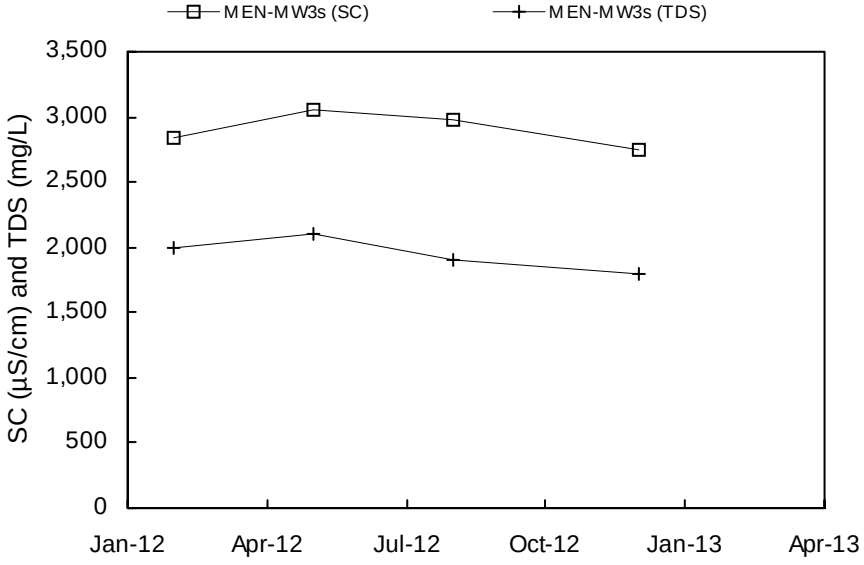
LUHDORFF & SCALMANINI
CONSULTING ENGINEERS

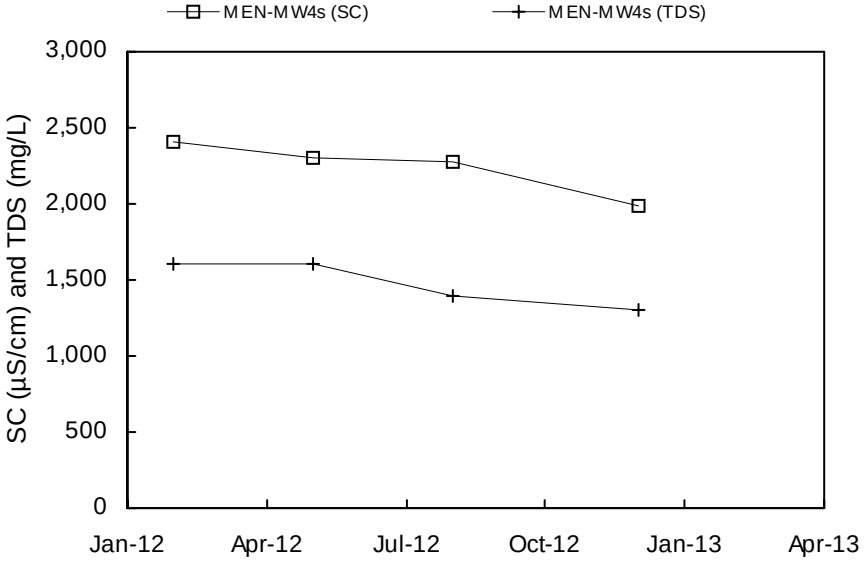
Attachment A4

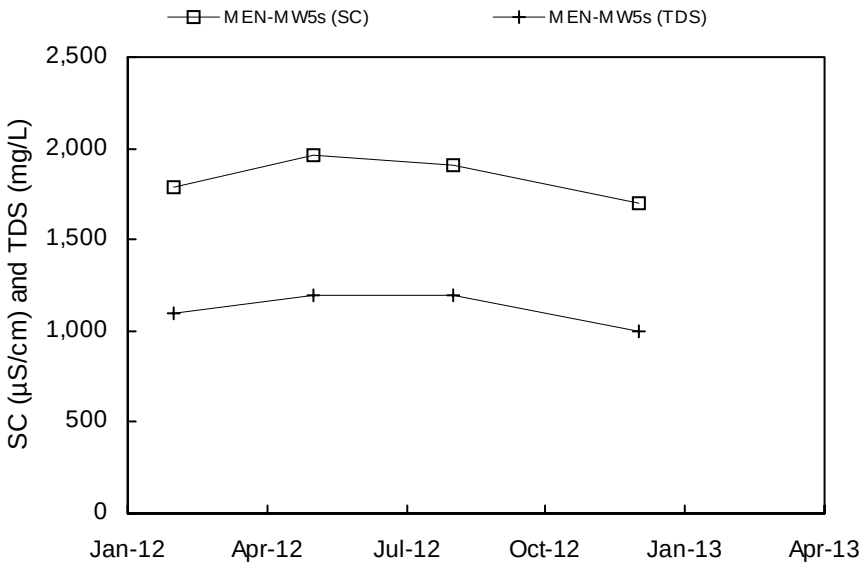
Specific Conductance and Total Dissolved Solids Concentrations in Groundwater, Time Series Plots

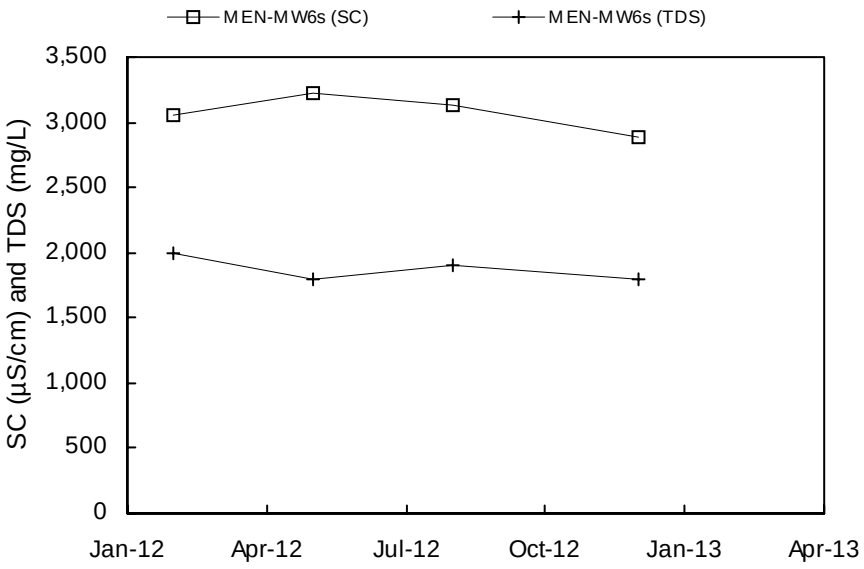

MEN-MW1s (SC)
MEN-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

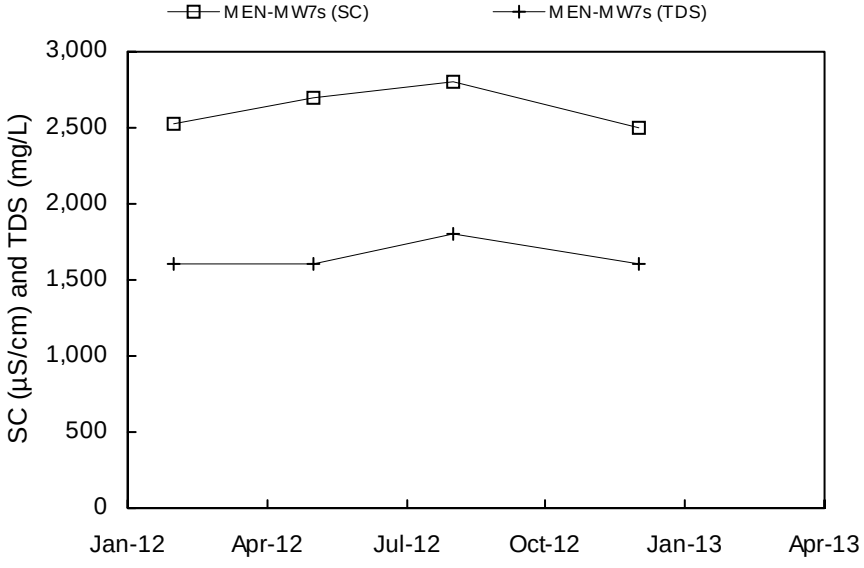

MEN-MW2s (SC)
MEN-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

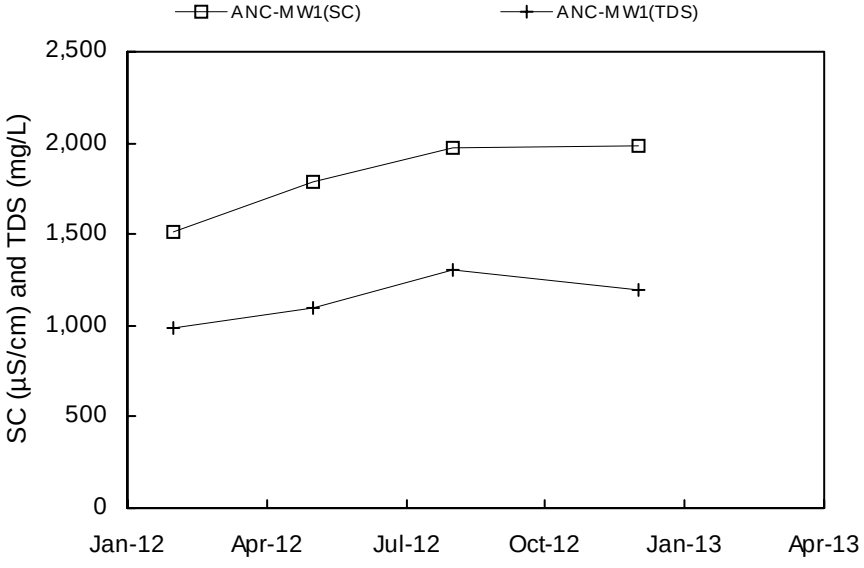

MEN-MW3s (SC)
MEN-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

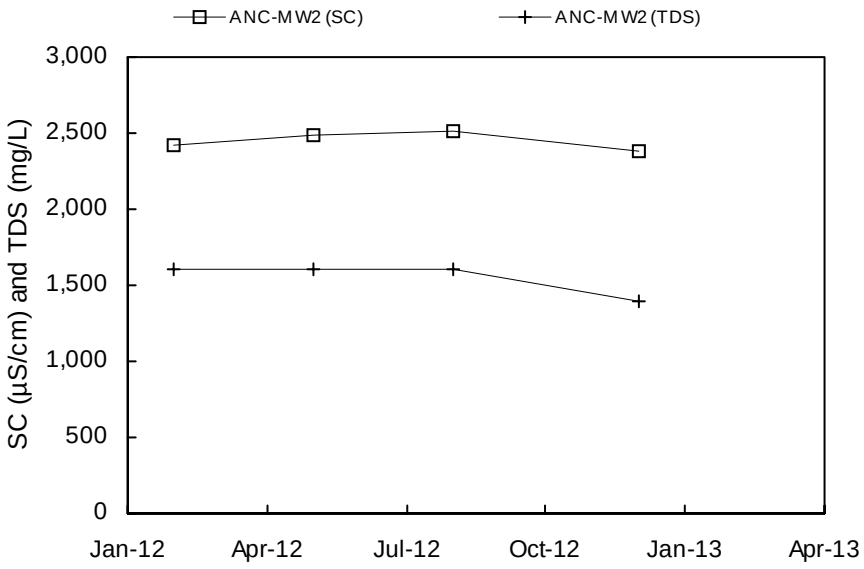

MEN-MW4s (SC)
MEN-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

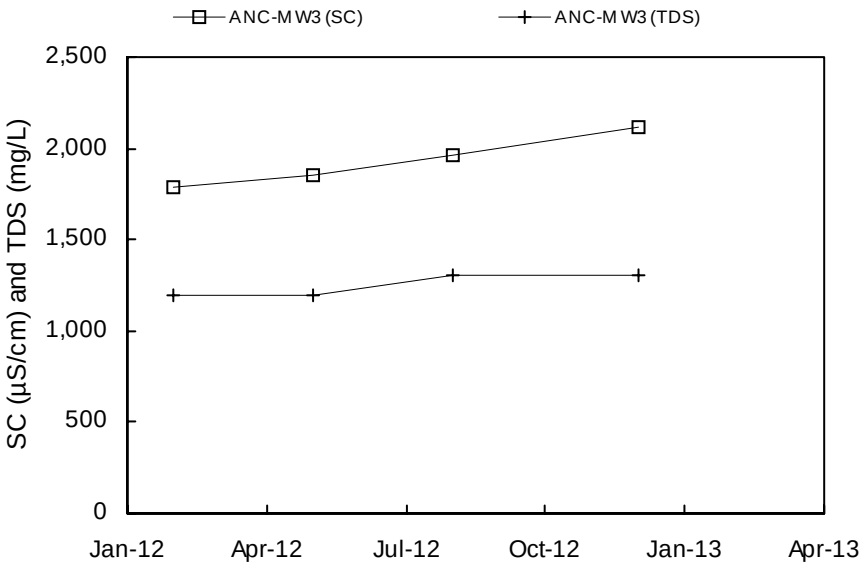

MEN-MW5s (SC)
MEN-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

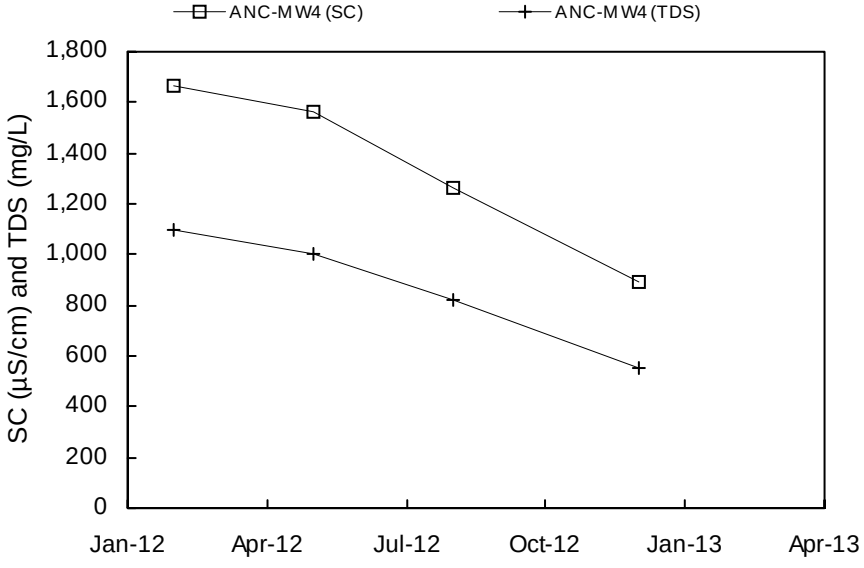

MEN-MW6s (SC)
MEN-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

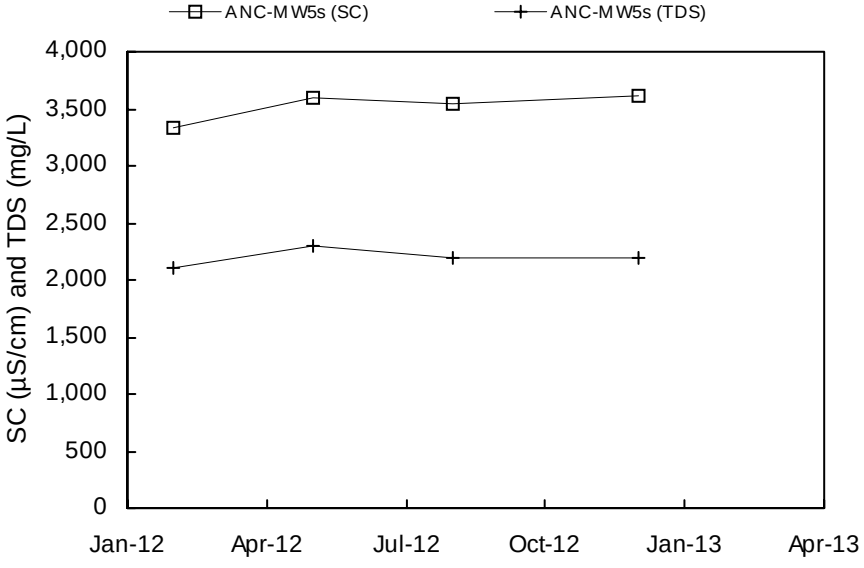

MEN-MW7s (SC)
MEN-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

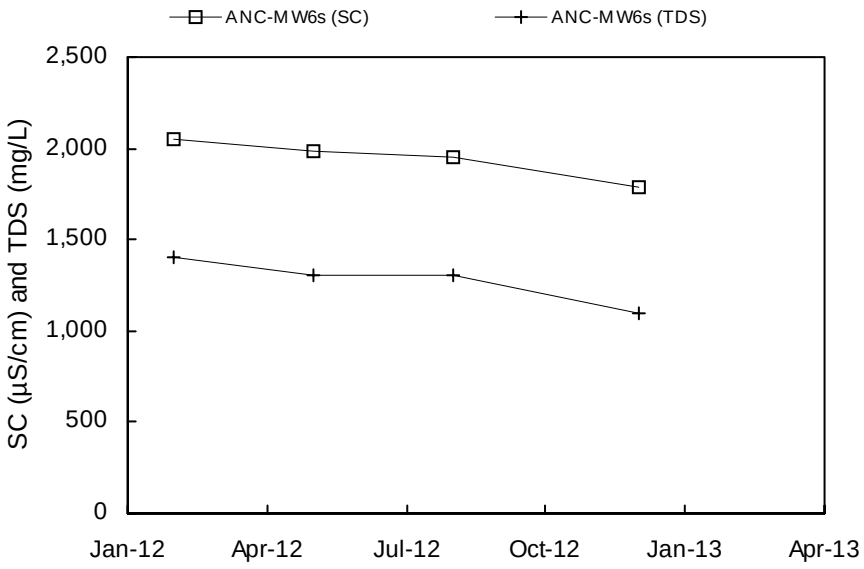

ANC-MW1(SC)
ANC-MW1(TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

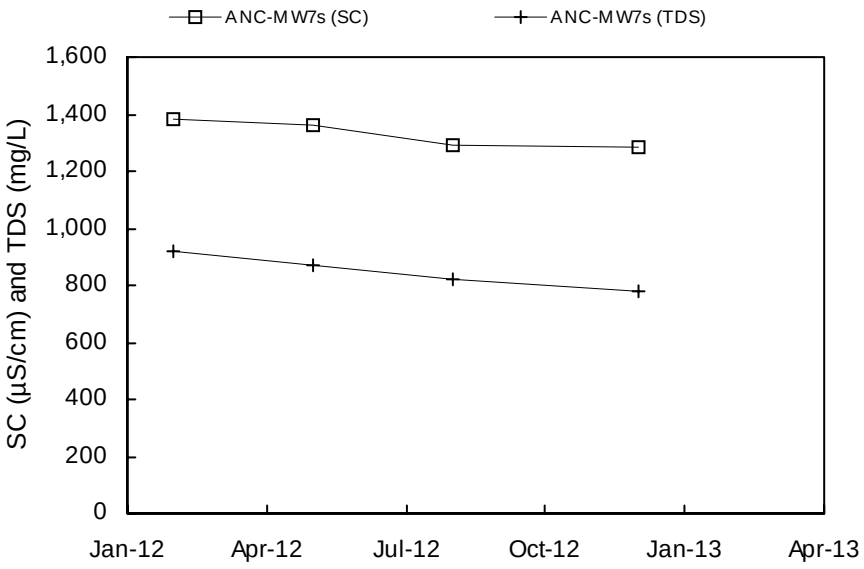

ANC-MW2 (SC)
ANC-MW2 (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

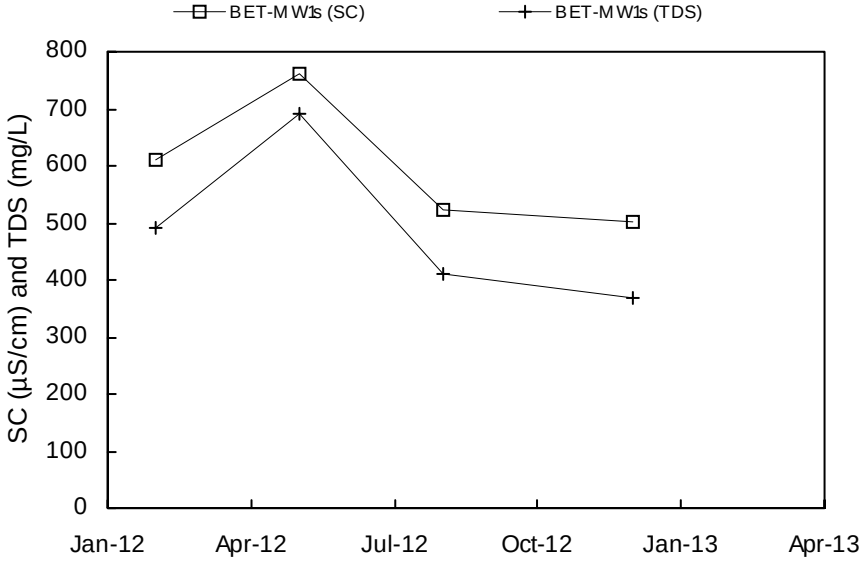

ANC-MW3 (SC)
ANC-MW3 (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

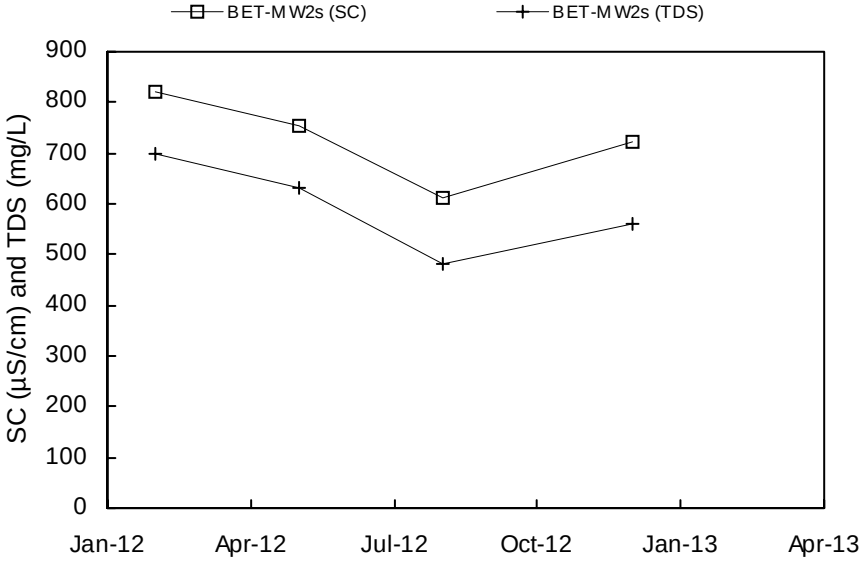

ANC-MW4 (SC)
ANC-MW4 (TDS)
SC (µS/cm) and TDS (mg/L)
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

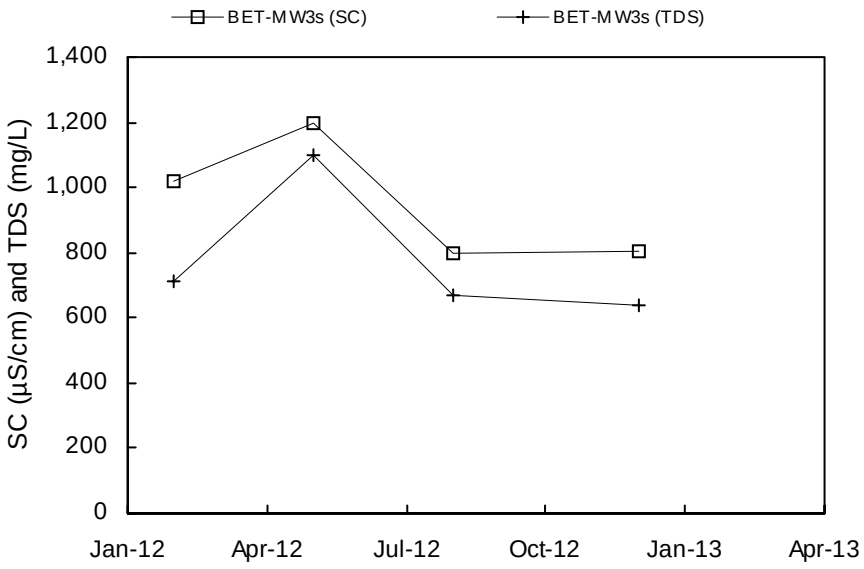

ANC-MW5s (SC)
ANC-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

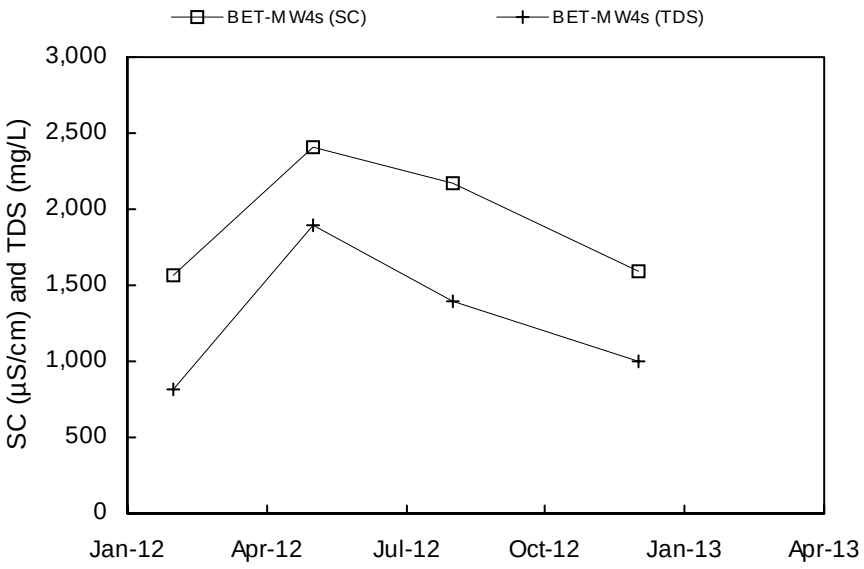

ANC-MW6s (SC)
ANC-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

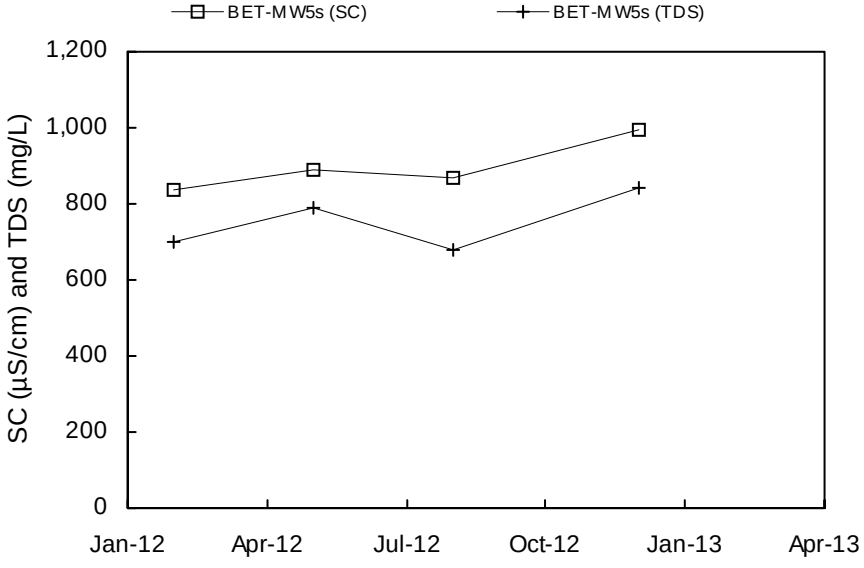

ANC-MW7s (SC)
ANC-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

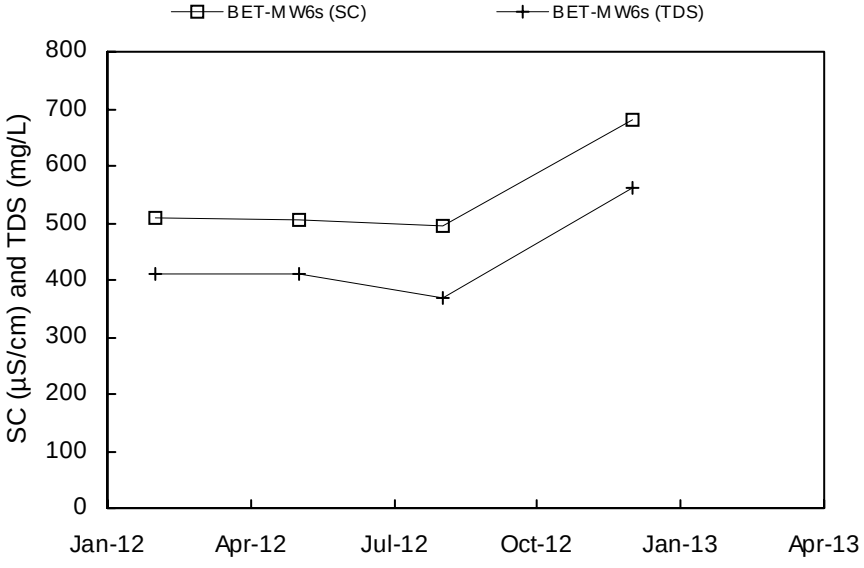

BET-MW1s (SC)
BET-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

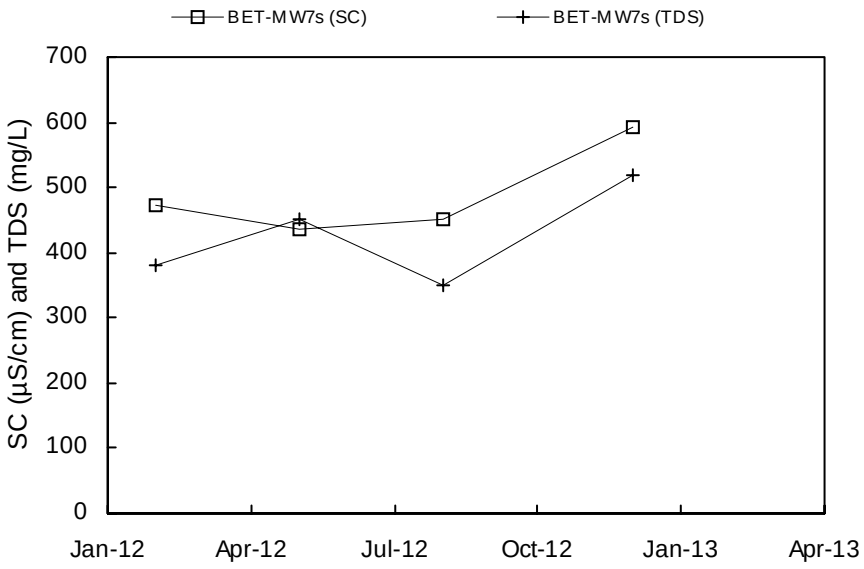

BET-MW2s (SC)
BET-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
900
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

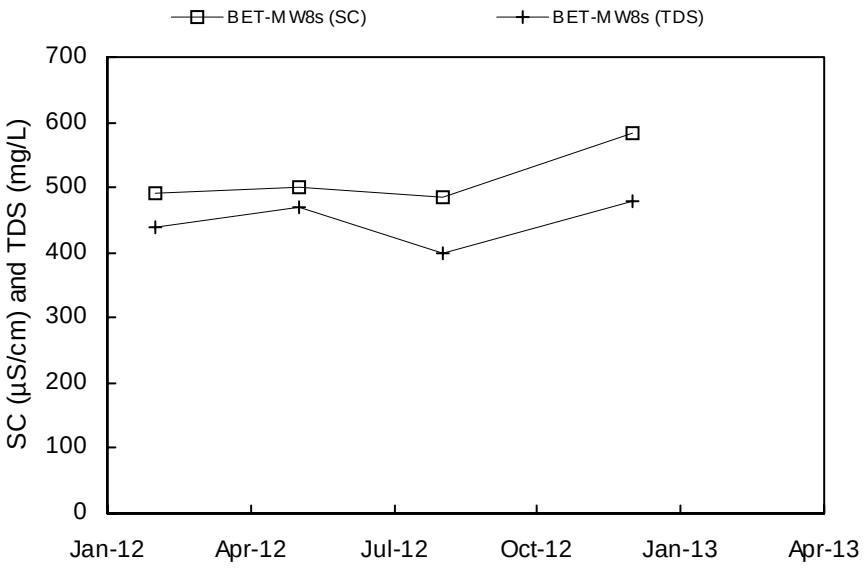

BET-MW3s (SC)
BET-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

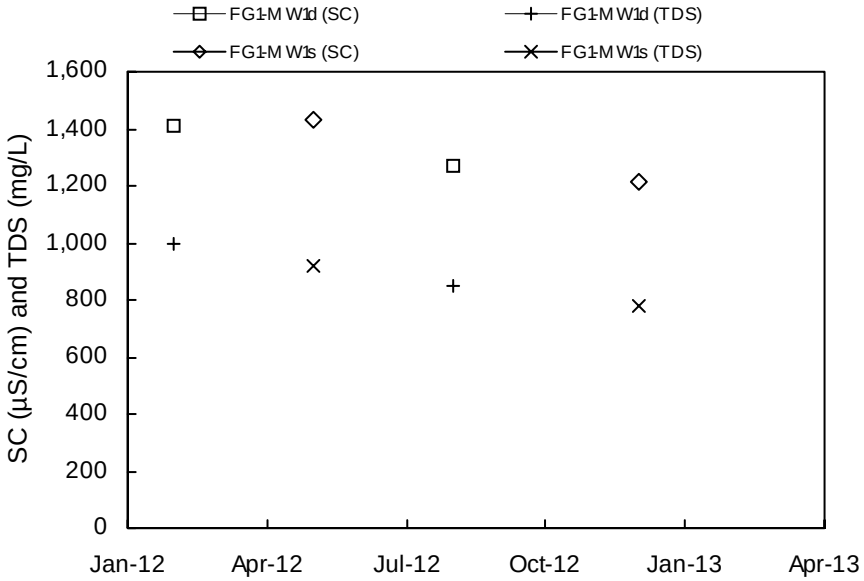

BET-MW4s (SC)
BET-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

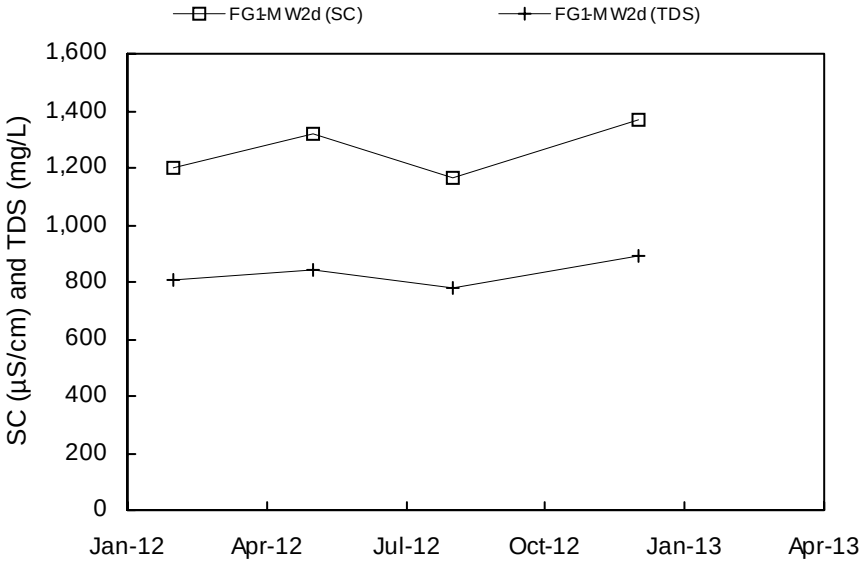

BET-MW5s (SC)
BET-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

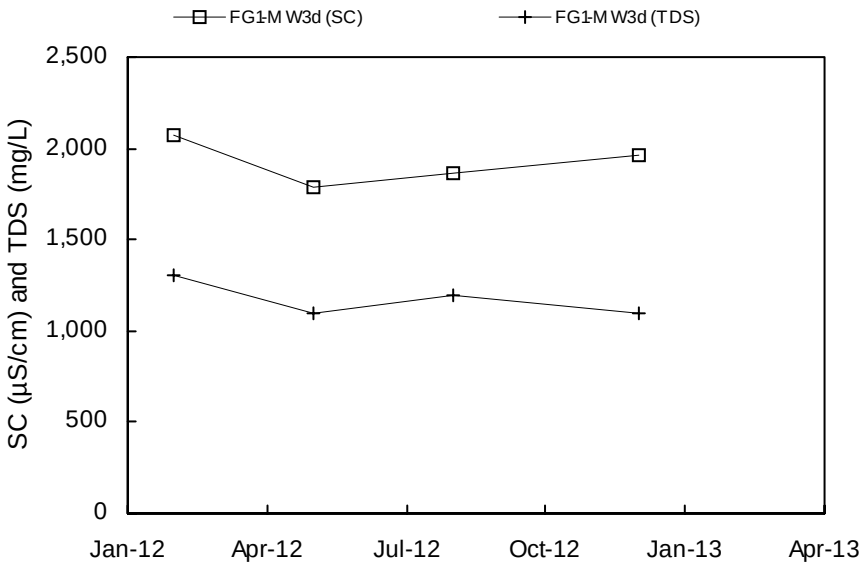

BET-MW6s (SC)
BET-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

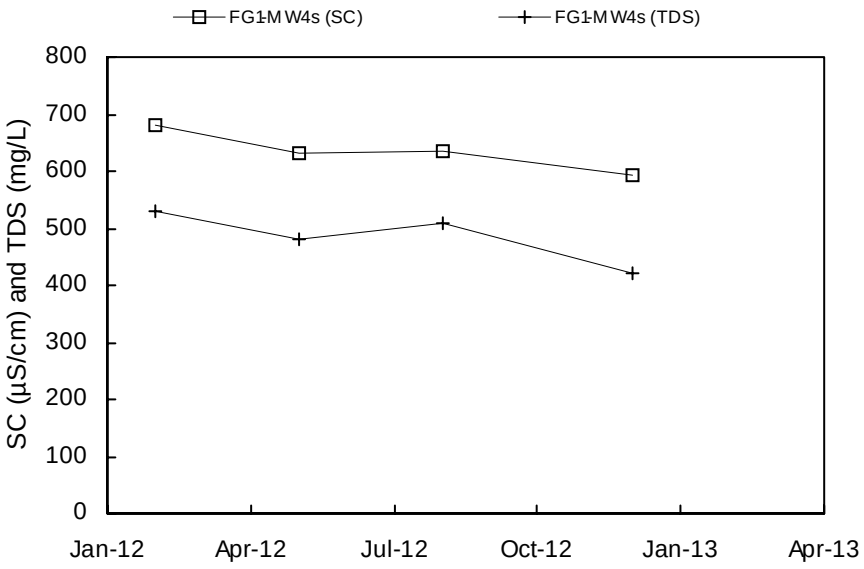

BET-MW7s (SC)
BET-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

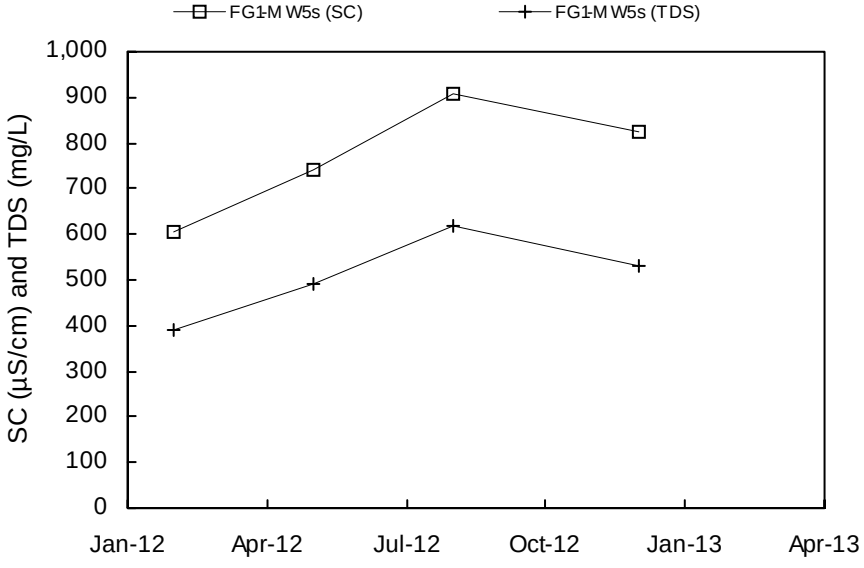

BET-MW8s (SC)
BET-MW8s (TDS)
SC (µS/cm) and TDS (mg/L)
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

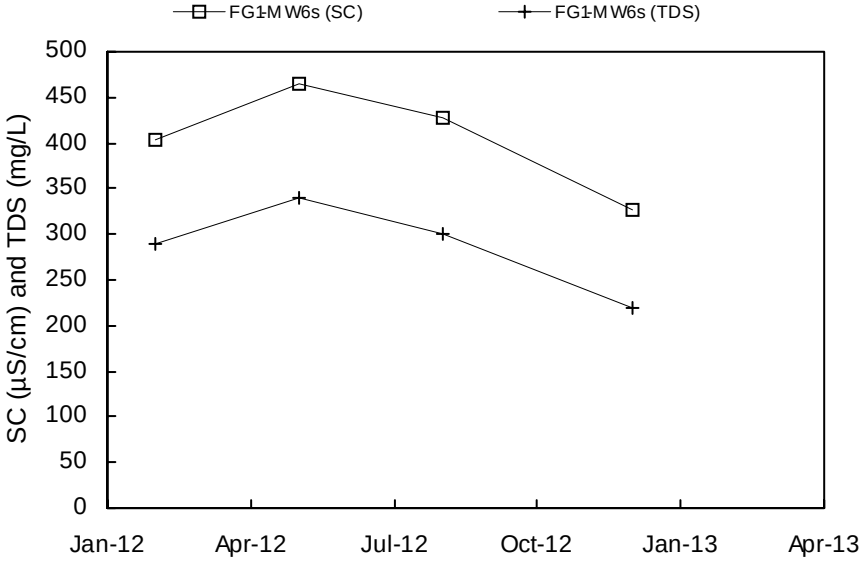

FG1-MW1d (SC)
FG1-MW1d (TDS)
FG1-MW1s (SC)
FG1-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

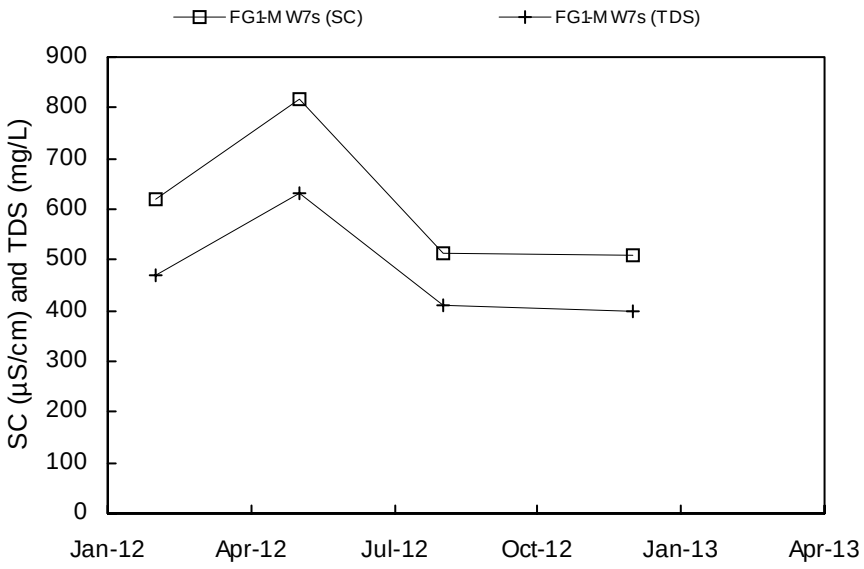

FG1-MW2d (SC)
FG1-MW2d (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

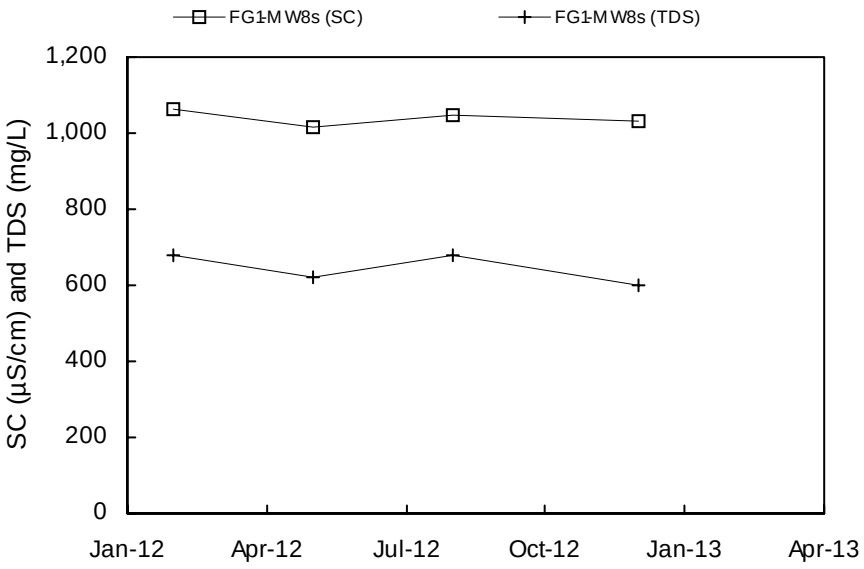

FG1-M W3d (SC)
FG1-M W3d (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

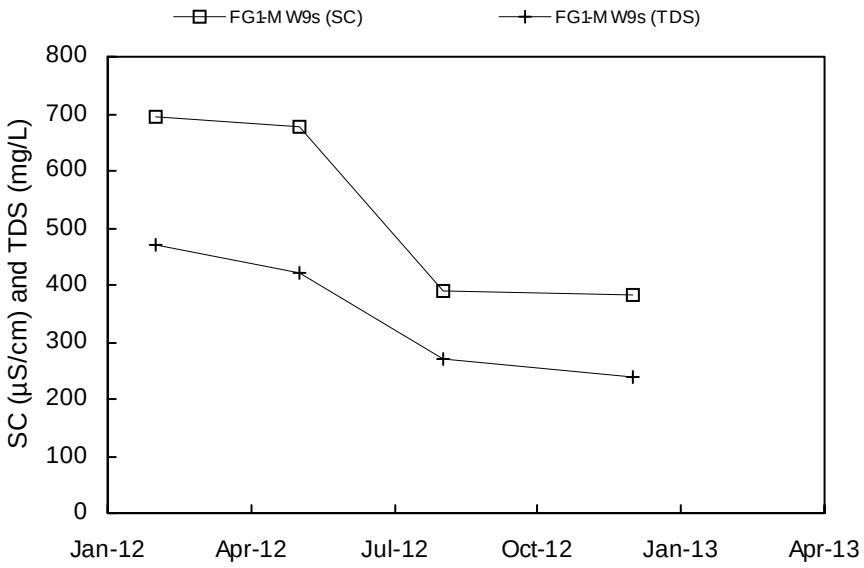

FG1-M W4s (SC)
FG1-M W4s (TDS)
SC (µS/cm) and TDS (mg/L)
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

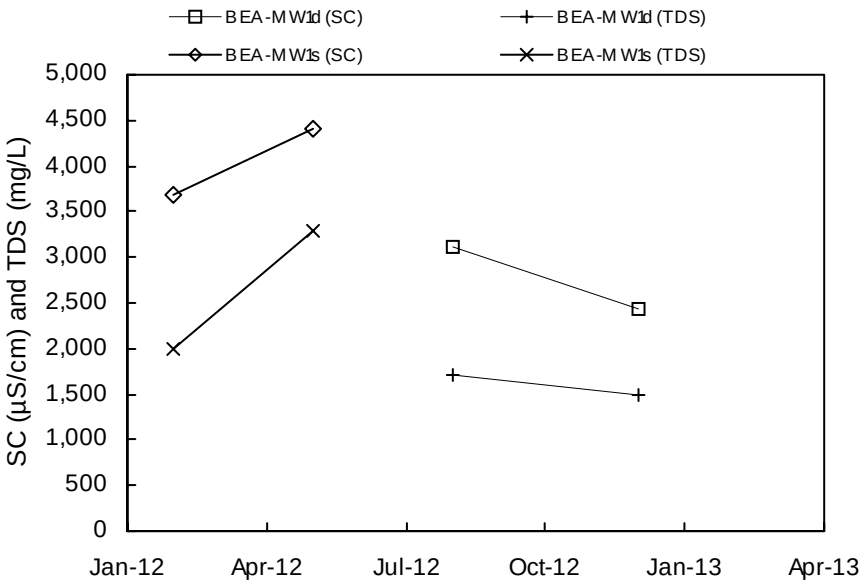

FG1-M W5s (SC)
FG1-M W5s (TDS)
SC (µS/cm) and TDS (mg/L)
1,000
900
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

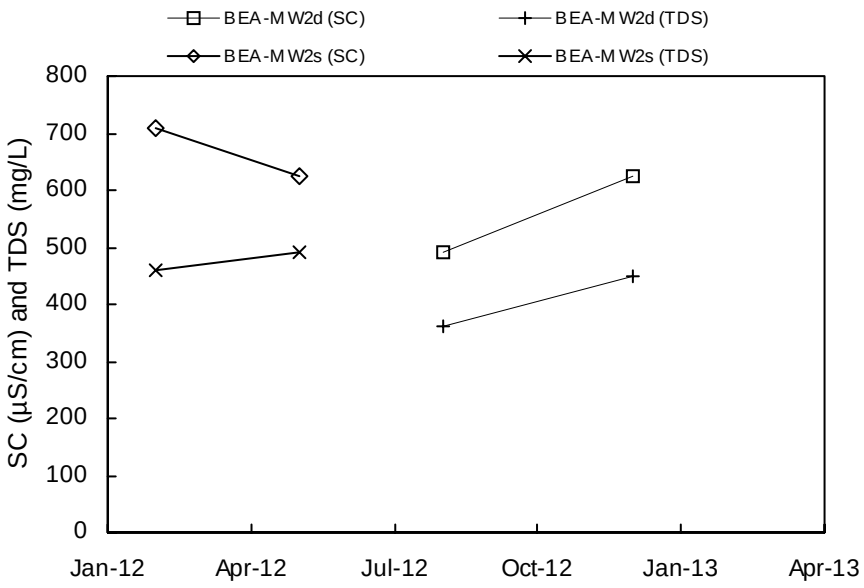

FG1-M W6s (SC)
FG1-M W6s (TDS)
SC (µS/cm) and TDS (mg/L)
500
450
400
350
300
250
200
150
100
50
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

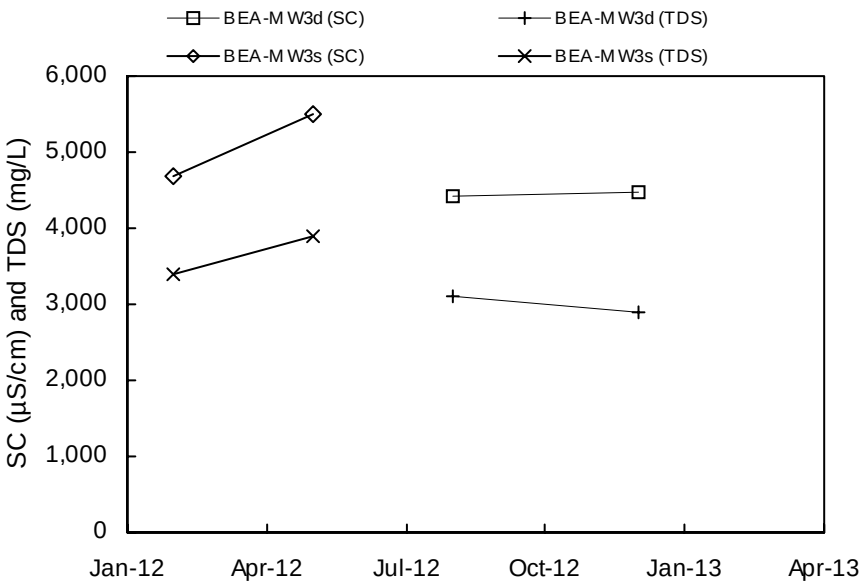

FG1-MW7s (SC)
FG1-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
900
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

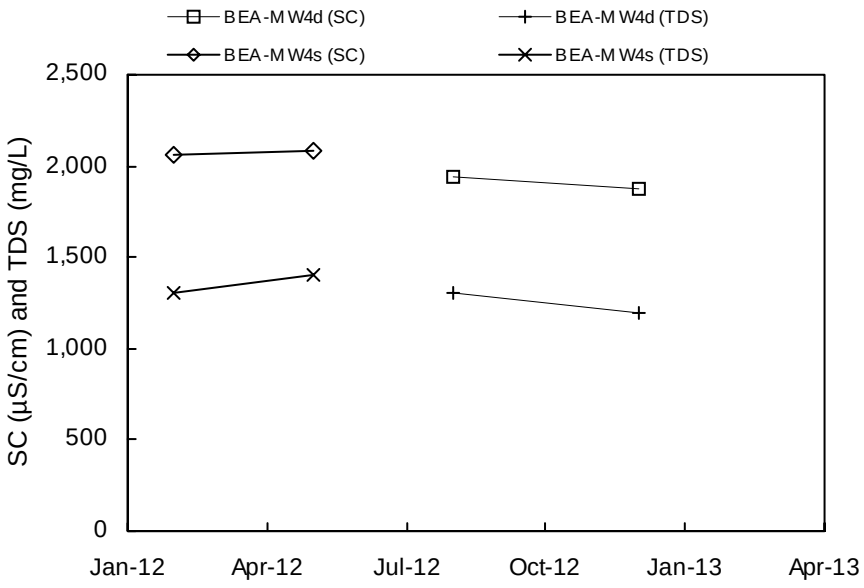

FG1-MW8s (SC)
FG1-MW8s (TDS)
SC (µS/cm) and TDS (mg/L)
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

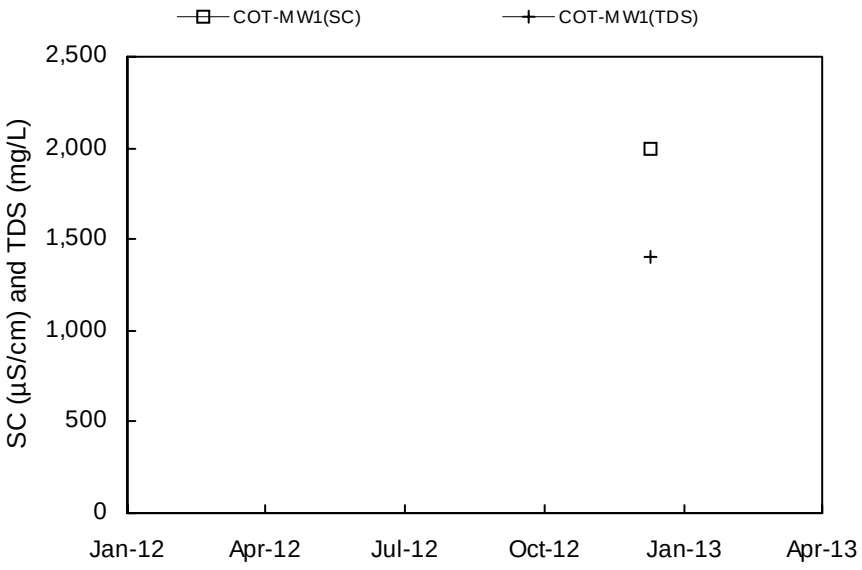

FG1-MW9s (SC)
FG1-MW9s (TDS)
SC (µS/cm) and TDS (mg/L)
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

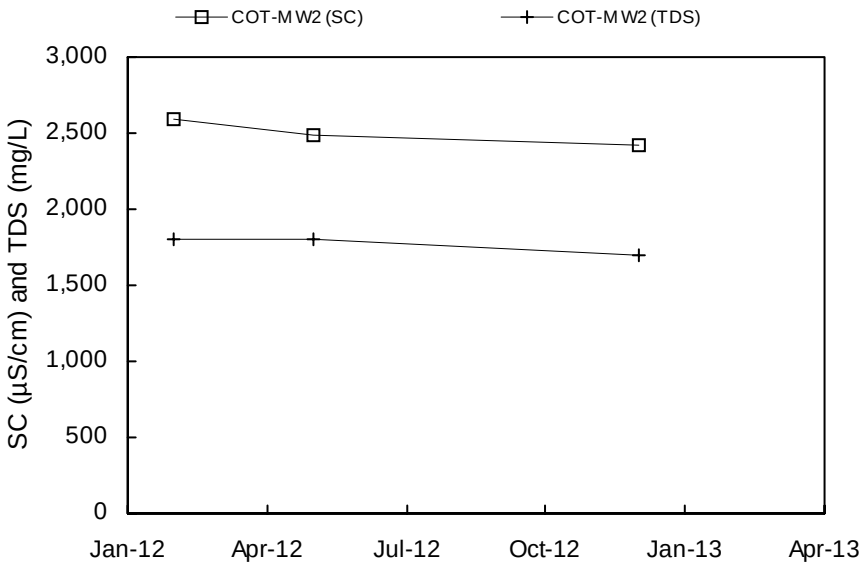

BEA-MW1d (SC)
BEA-MW1d (TDS)
BEA-MW1s (SC)
BEA-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

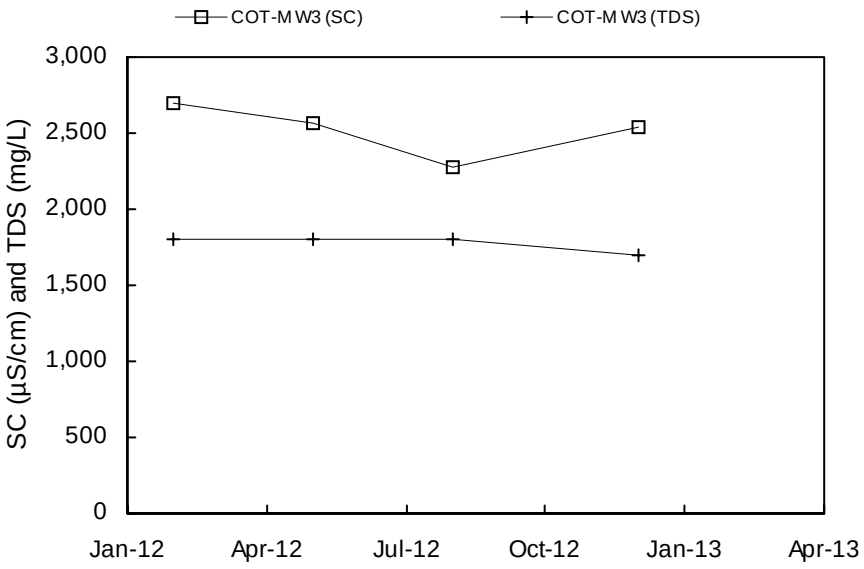

BEA-MW2d (SC)
BEA-MW2d (TDS)
BEA-MW2s (SC)
BEA-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
800
700
600
500
400
300
200
100
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

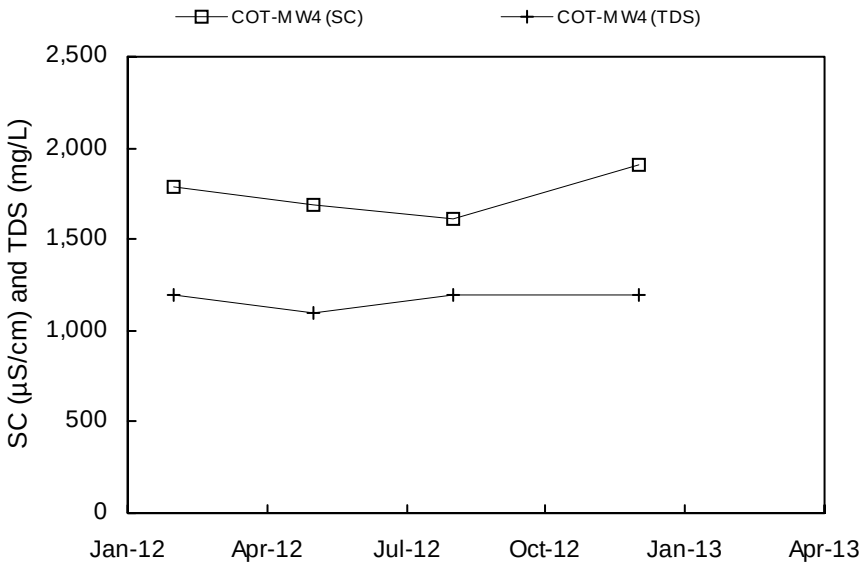

BEA-MW3d (SC)
BEA-MW3d (TDS)
BEA-MW3s (SC)
BEA-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

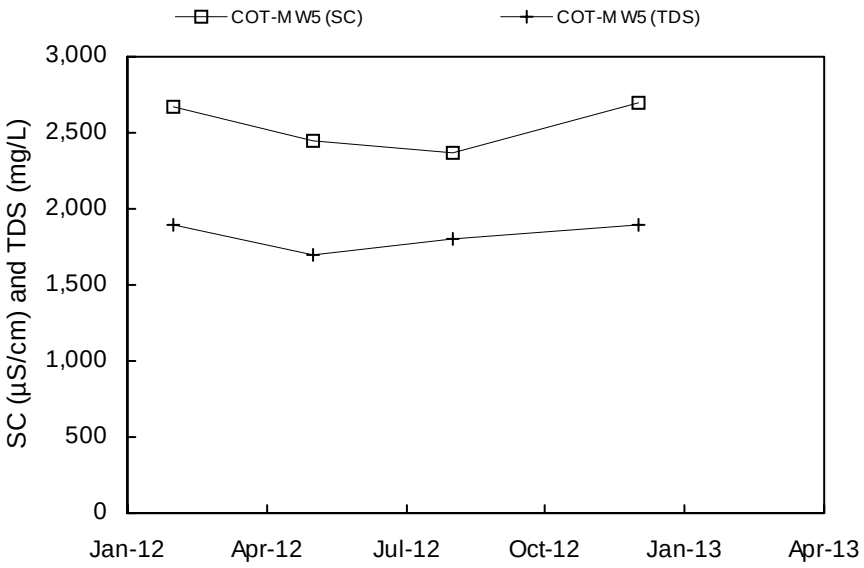

BEA-MW4d (SC)
BEA-MW4d (TDS)
BEA-MW4s (SC)
BEA-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

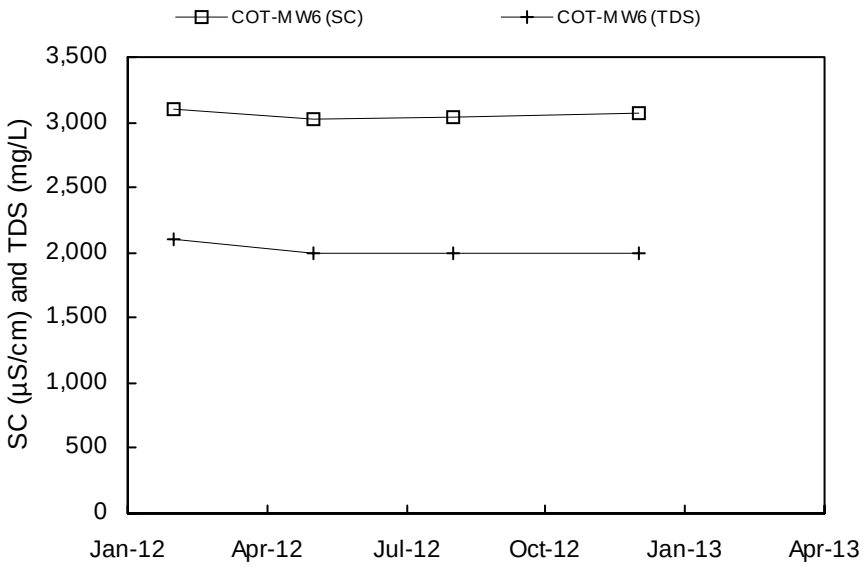

COT-MW1(SC)
COT-MW1(TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

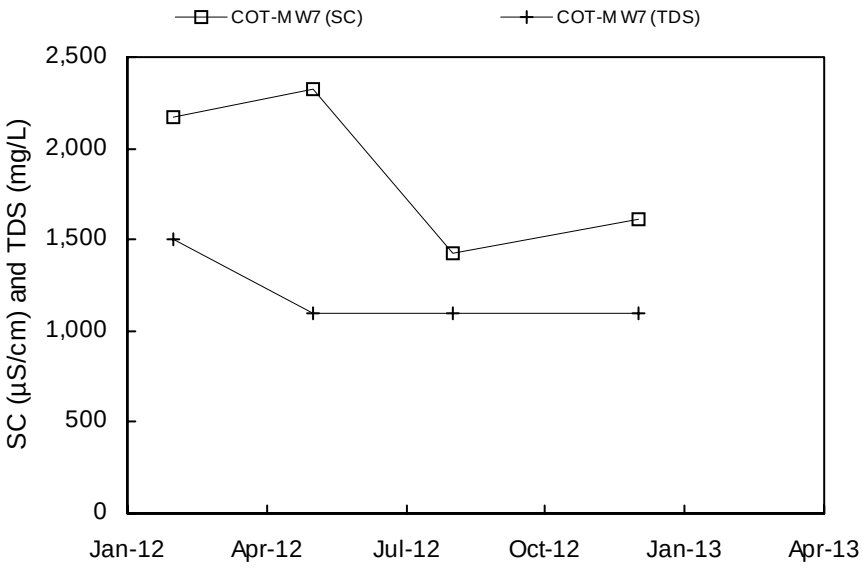

COT-MW2 (SC)
COT-MW2 (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

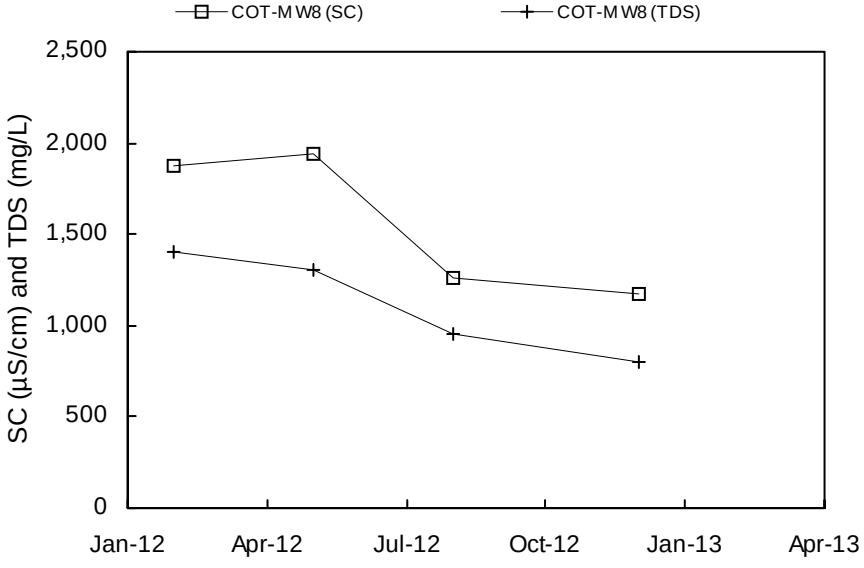

COT-MW3 (SC)
COT-MW3 (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

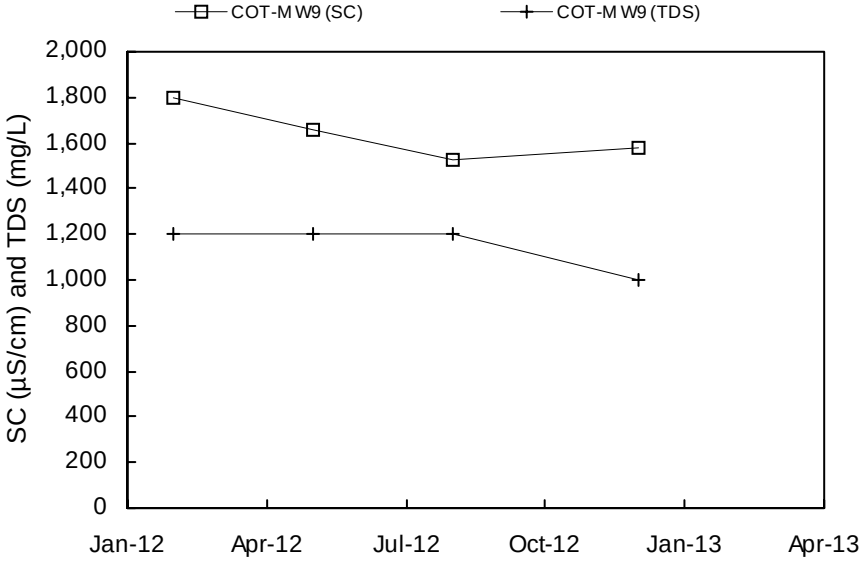

COT-MW4 (SC)
COT-MW4 (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

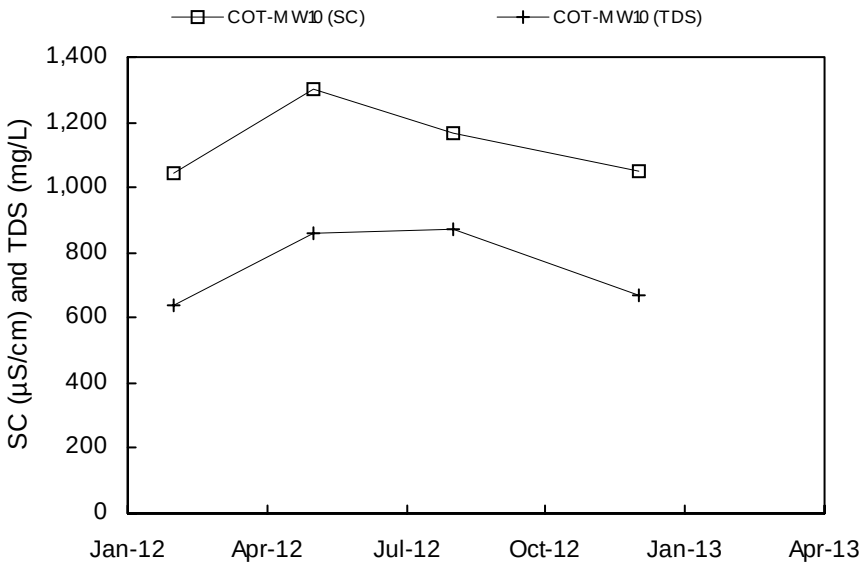

COT-MW5 (SC)
COT-MW5 (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

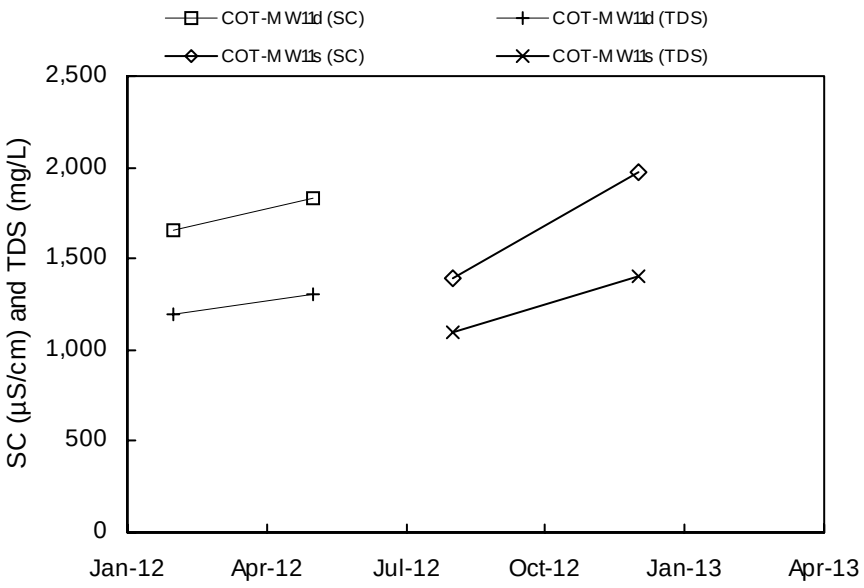

COT-MW6 (SC)
COT-MW6 (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

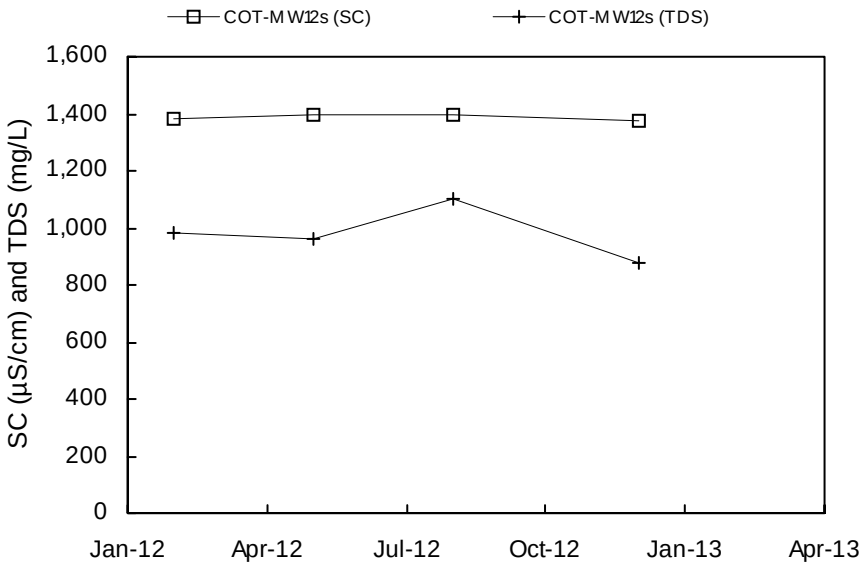

COT-MW7 (SC)
COT-MW7 (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

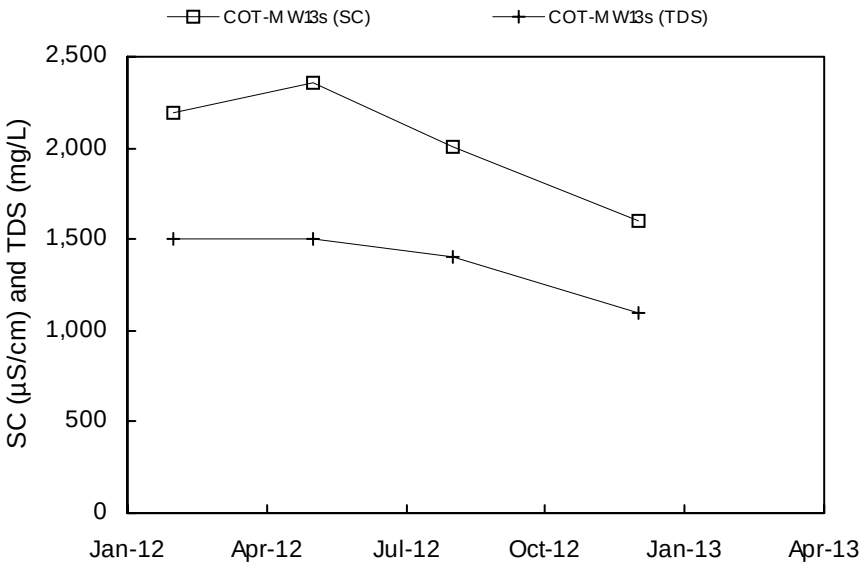

COT-MW8 (SC)
COT-MW8 (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

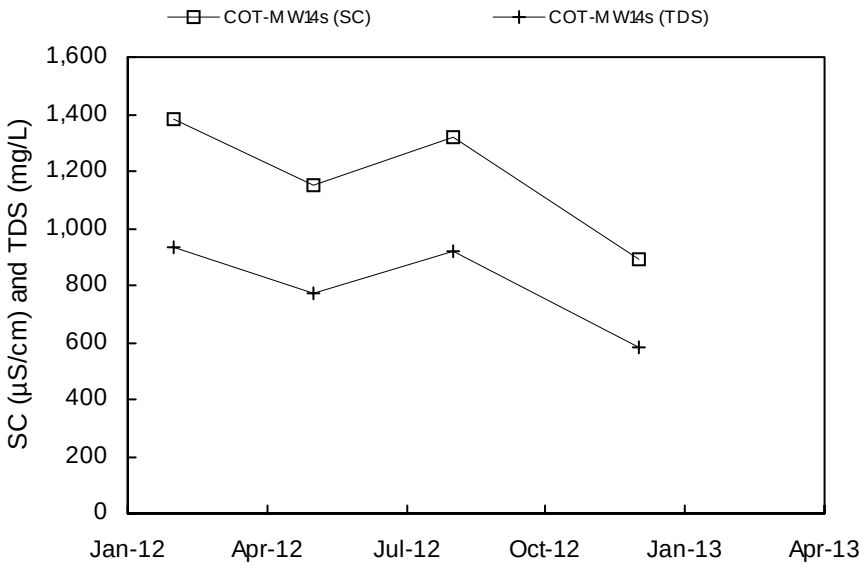

COT-MW9 (SC)
COT-MW9 (TDS)
SC (µS/cm) and TDS (mg/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

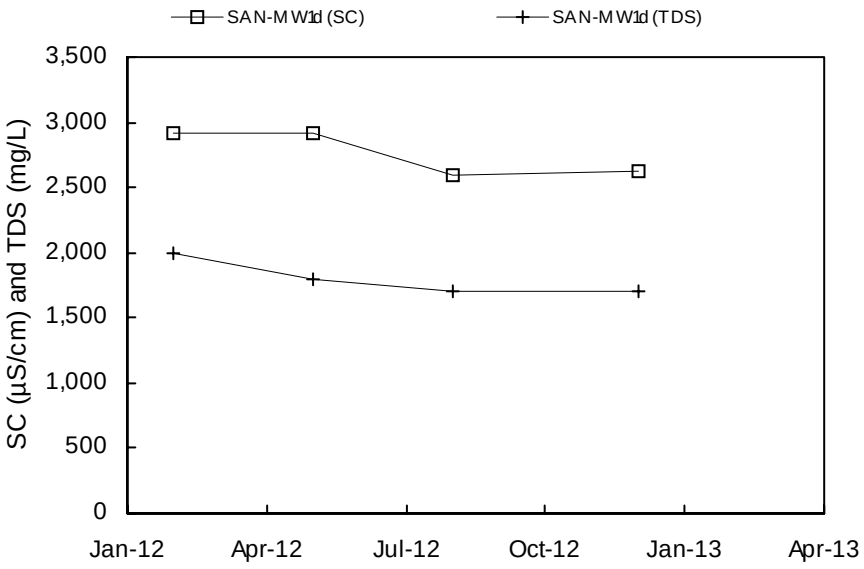

COT-MW10 (SC)
COT-MW10 (TDS)
SC (µS/cm) and TDS (mg/L)
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

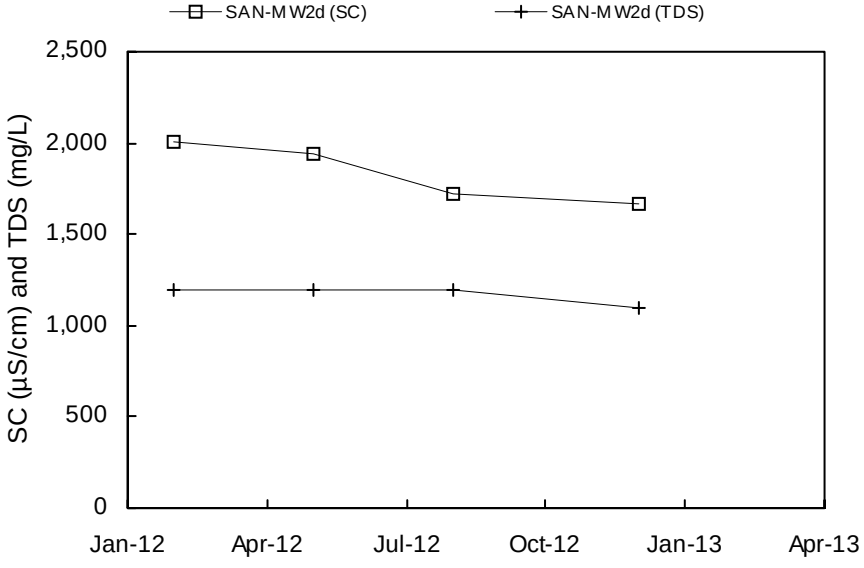

COT-MW11d (SC)
COT-MW11d (TDS)
COT-MW11s (SC)
COT-MW11s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

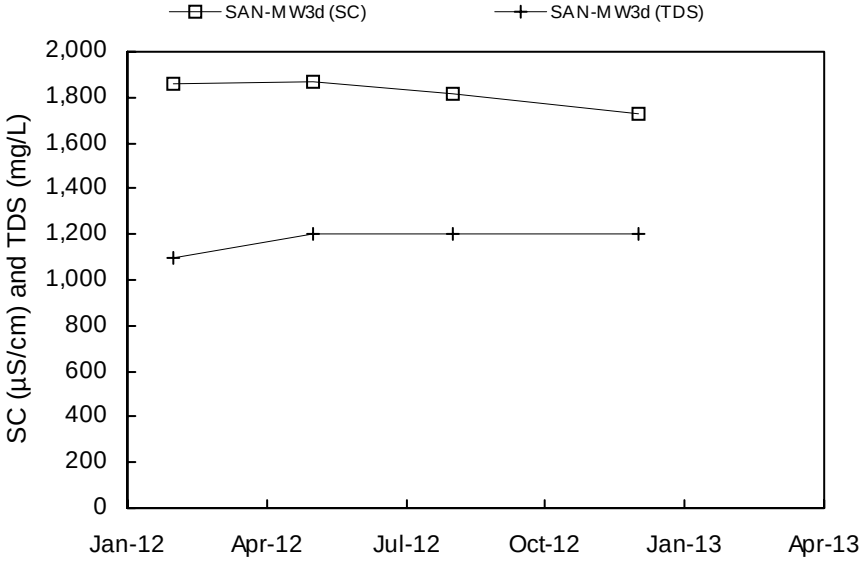

COT-MW12s (SC)
COT-MW12s (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

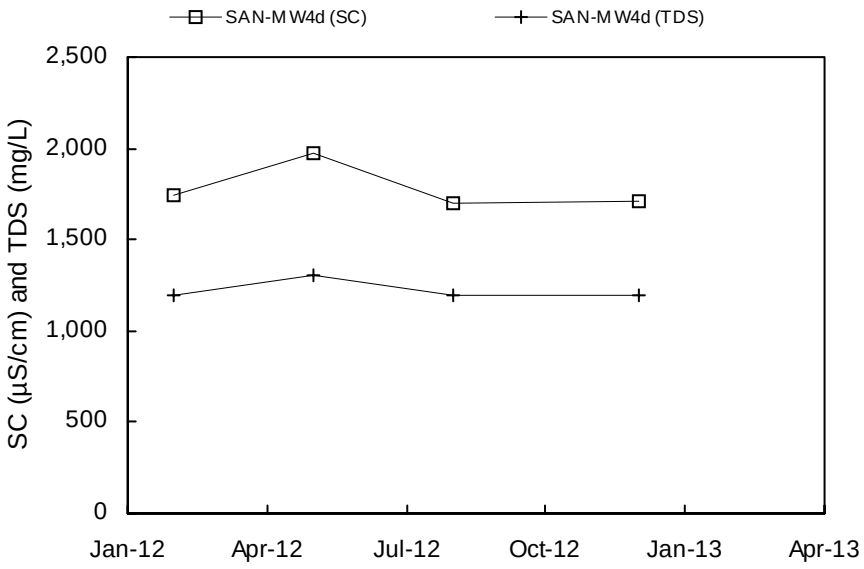

COT-MW13s (SC)
COT-MW13s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

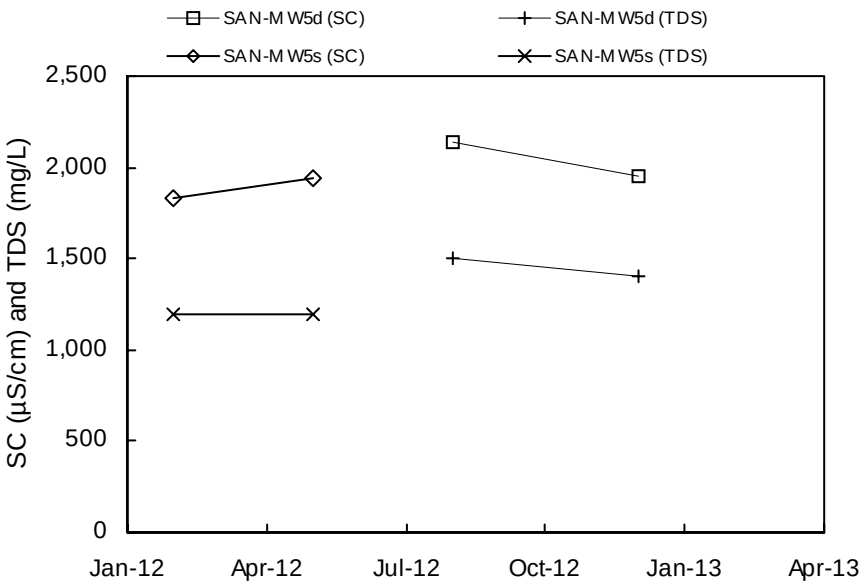

COT-MW14s (SC)
COT-MW14s (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

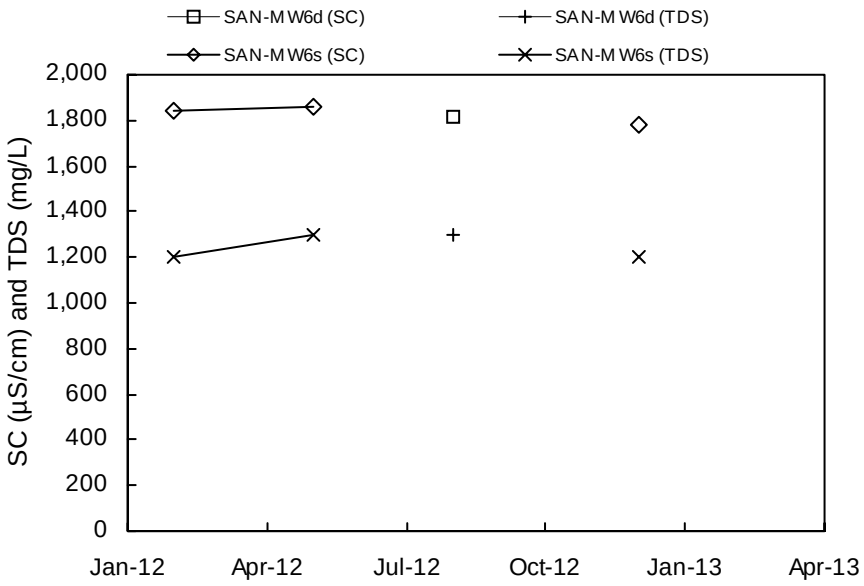

SAN-MW1d (SC)
SAN-MW1d (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

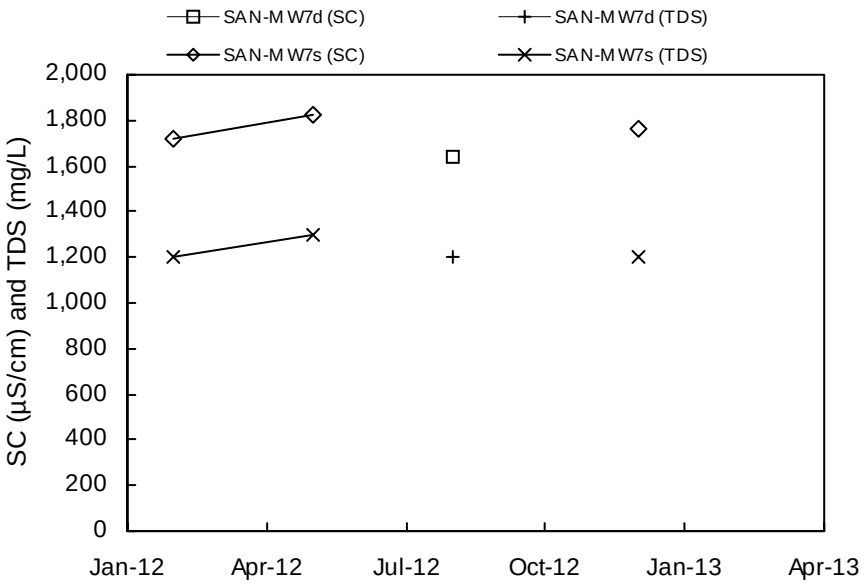

SAN-MW2d (SC)
SAN-MW2d (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

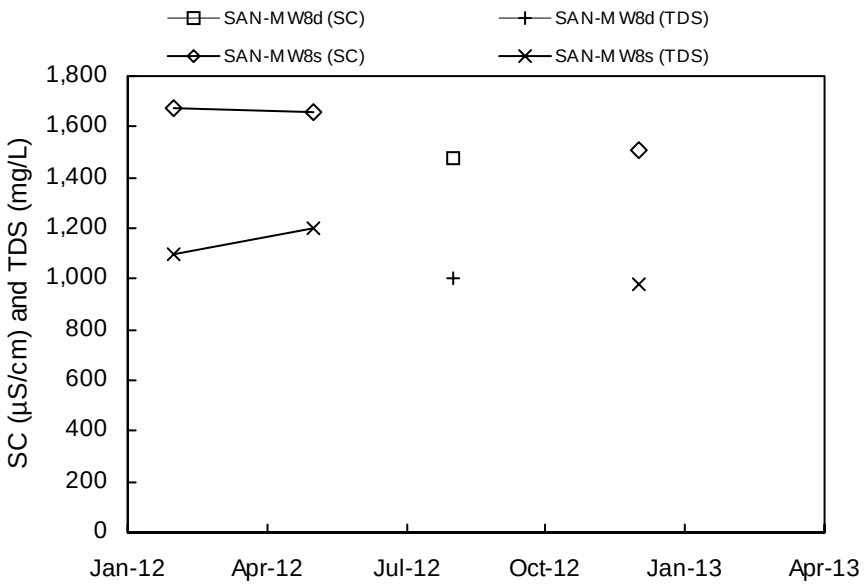

SAN-MW3d (SC)
SAN-MW3d (TDS)
SC (µS/cm) and TDS (mg/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

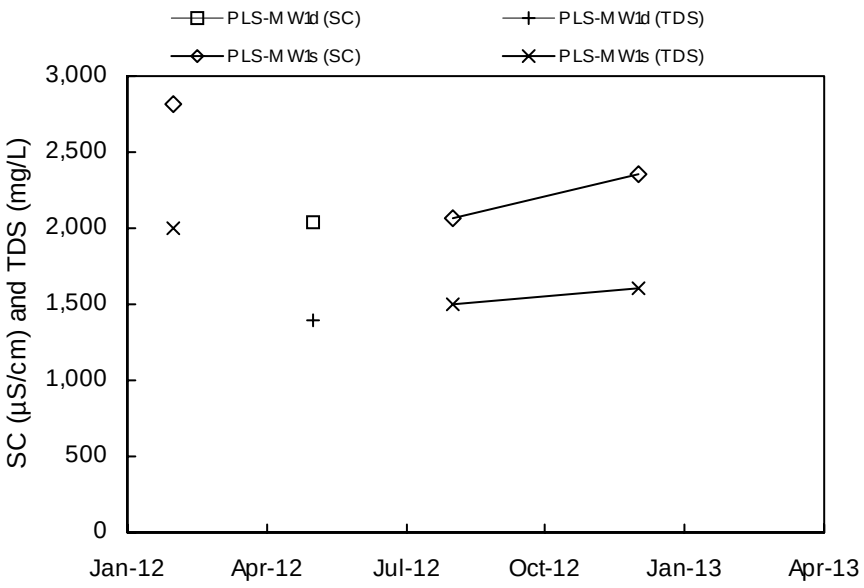

SAN-MW4d (SC)
SAN-MW4d (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

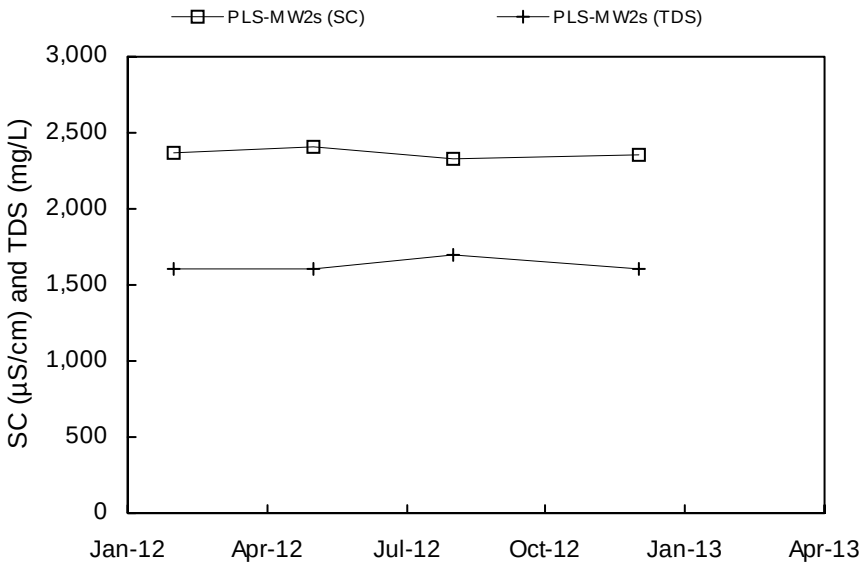

SAN-MW5d (SC)
SAN-MW5d (TDS)
SAN-MW5s (SC)
SAN-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

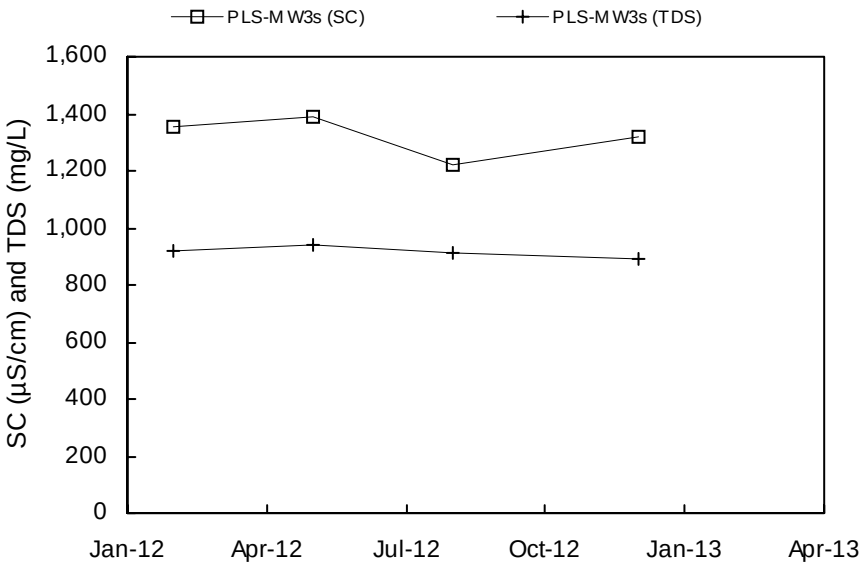

SAN-MW6d (SC)
SAN-MW6d (TDS)
SAN-MW6s (SC)
SAN-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

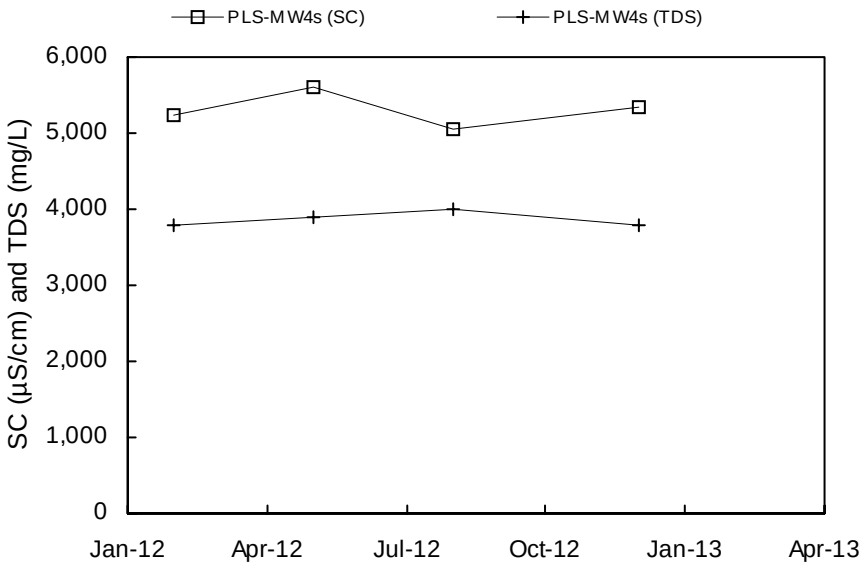

SAN-MW7d (SC)
SAN-MW7d (TDS)
SAN-MW7s (SC)
SAN-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

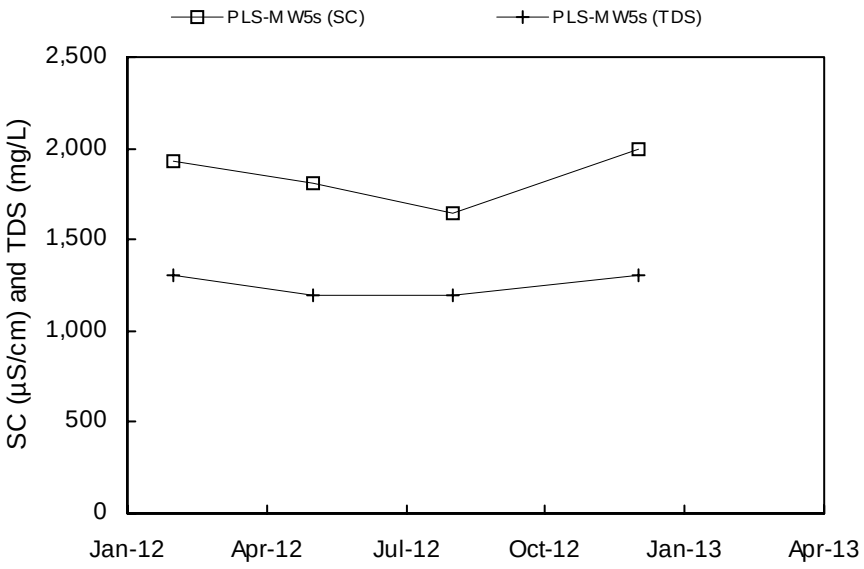

SAN-MW8d (SC)
SAN-MW8d (TDS)
SAN-MW8s (SC)
SAN-MW8s (TDS)
SC (µS/cm) and TDS (mg/L)
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

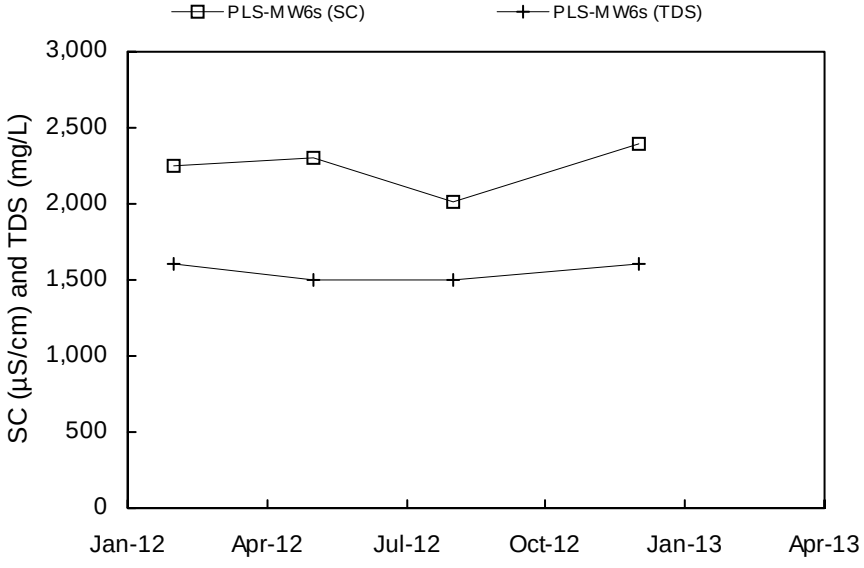

PLS-MW1d (SC)
PLS-MW1d (TDS)
PLS-MW1s (SC)
PLS-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

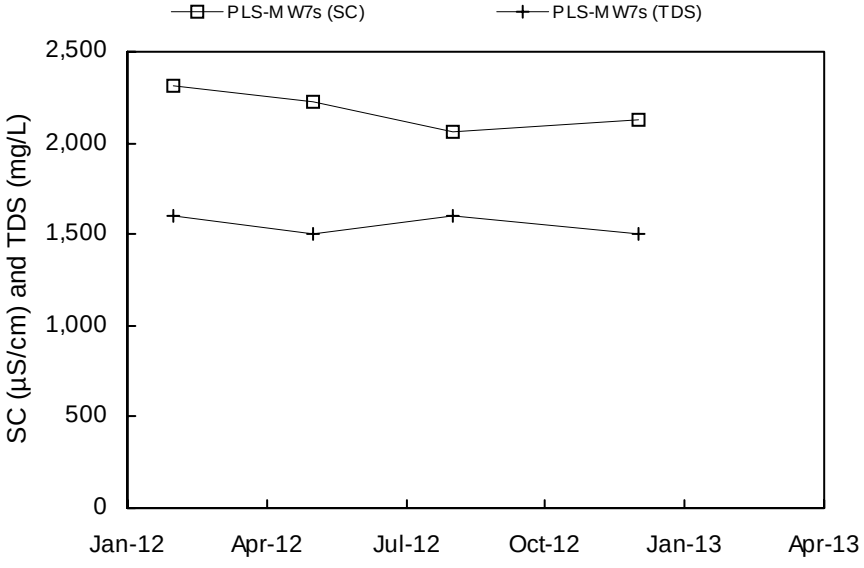

PLS-MW2s (SC)
PLS-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

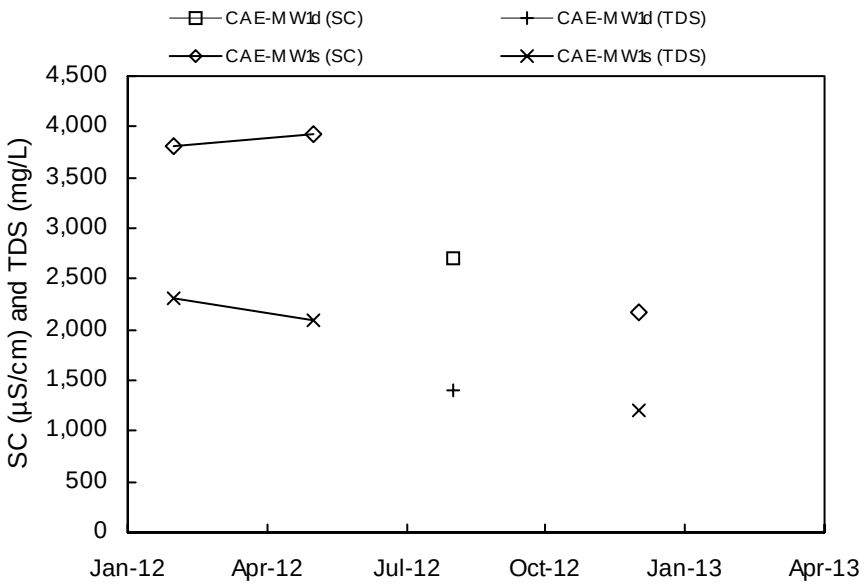

PLS-MW3s (SC)
PLS-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

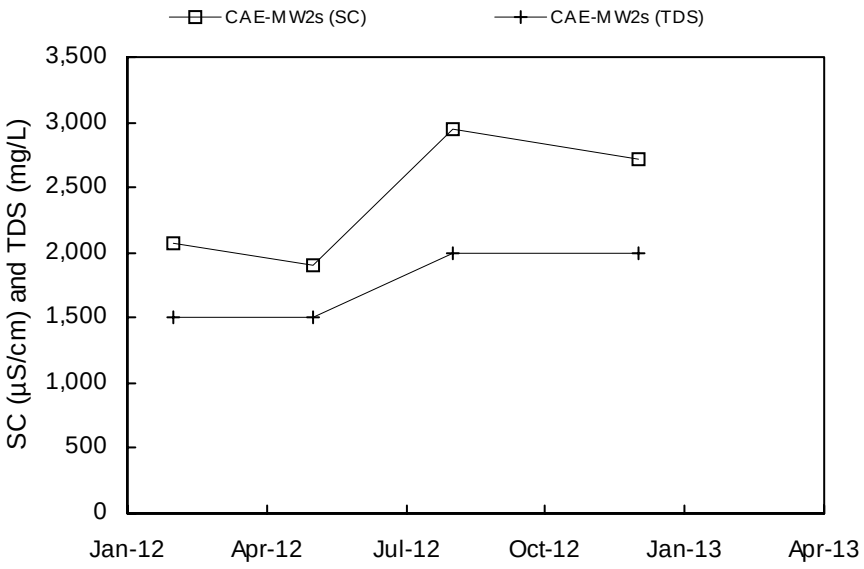

PLS-MW4s (SC)
PLS-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

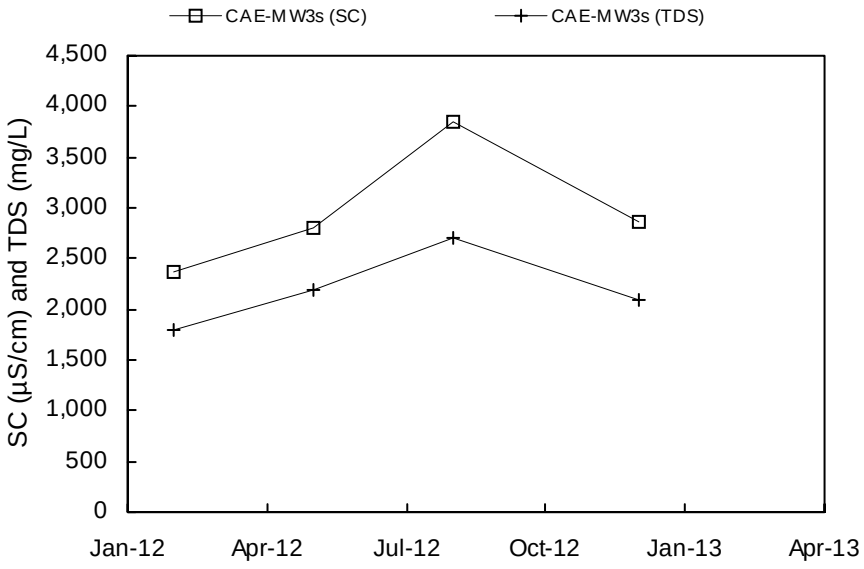

PLS-MW5s (SC)
PLS-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

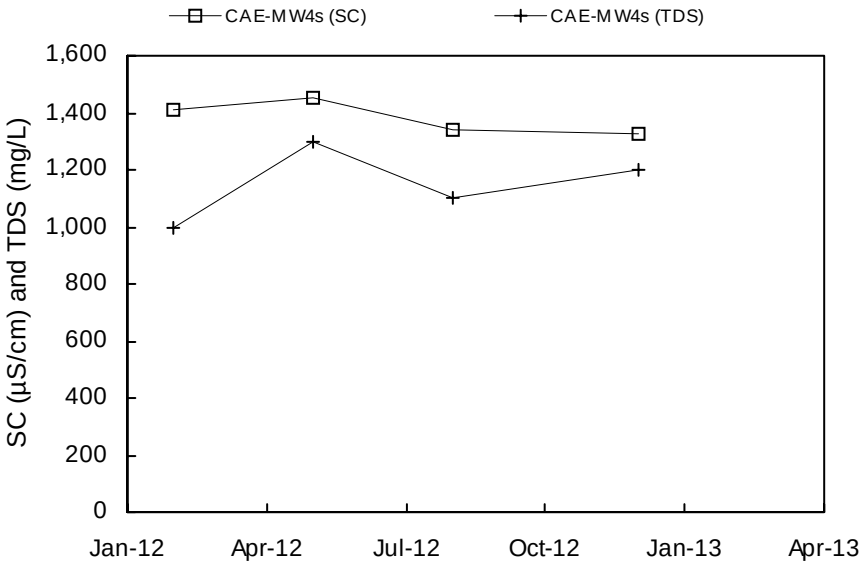

PLS-MW6s (SC)
PLS-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

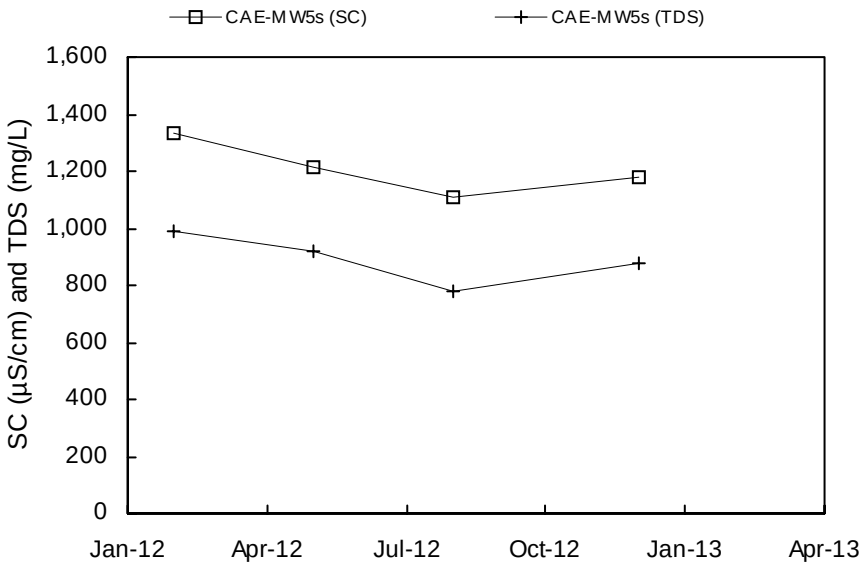

PLS-MW7s (SC)
PLS-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

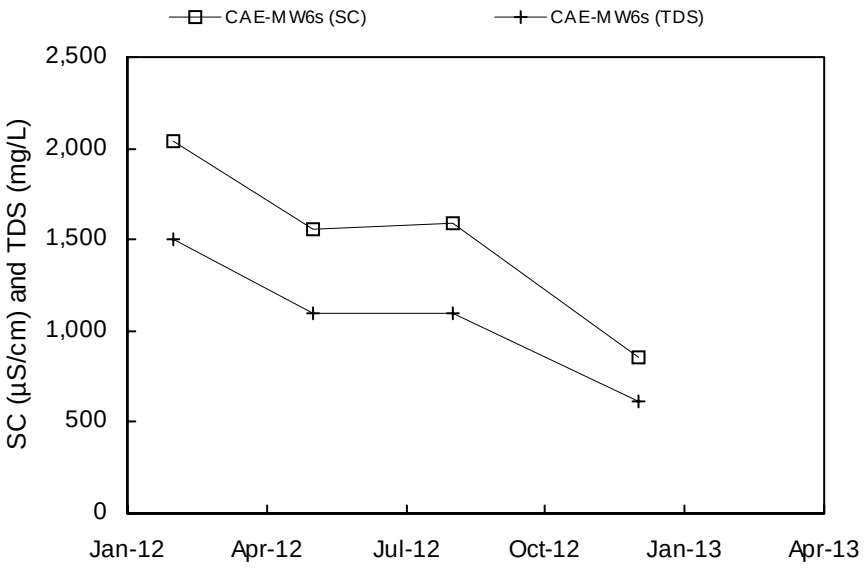

CAE-MW1d (SC)
CAE-MW1d (TDS)
CAE-MW1s (SC)
CAE-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

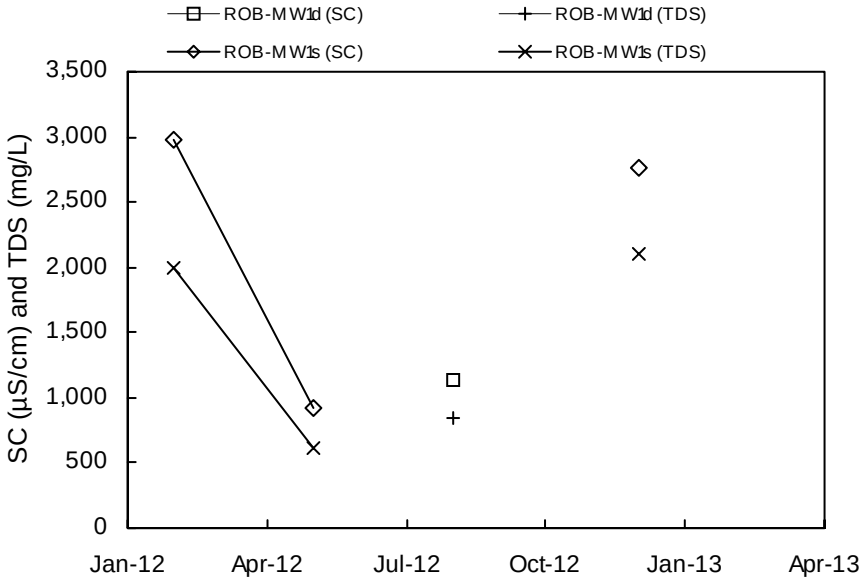

CAE-MW2s (SC)
CAE-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

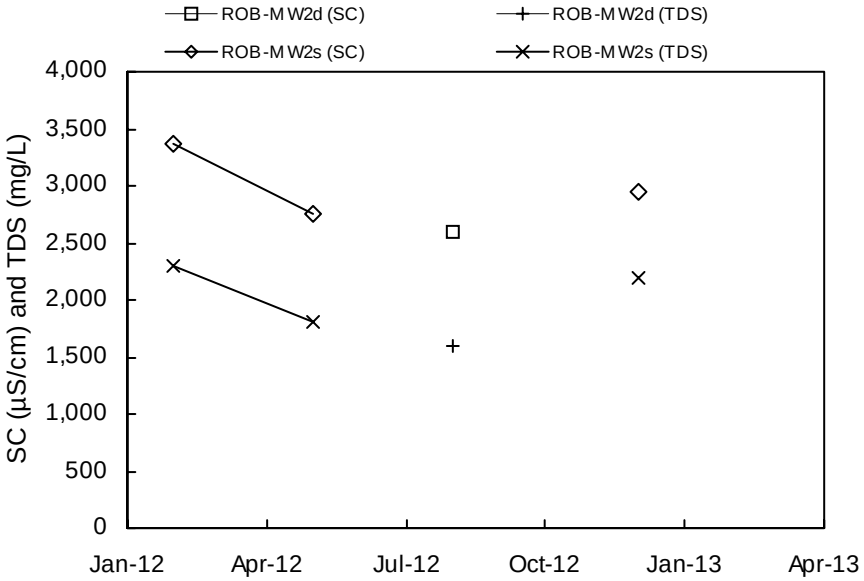

CAE-MW3s (SC)
CAE-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

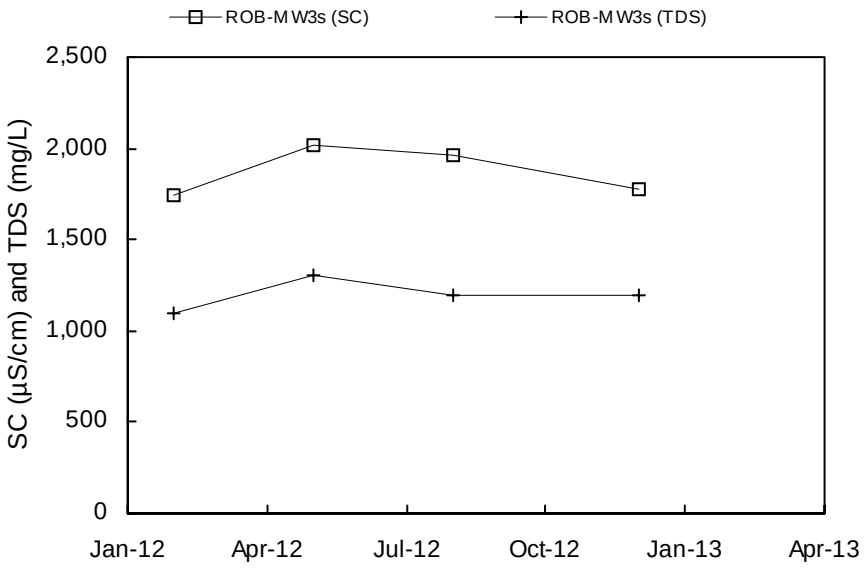

CAE-MW4s (SC)
CAE-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

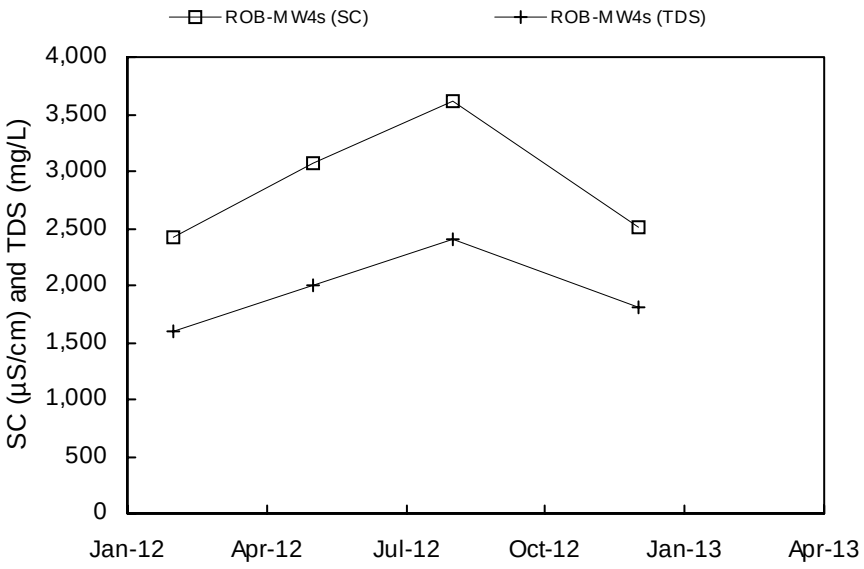

CAE-MW5s (SC)
CAE-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

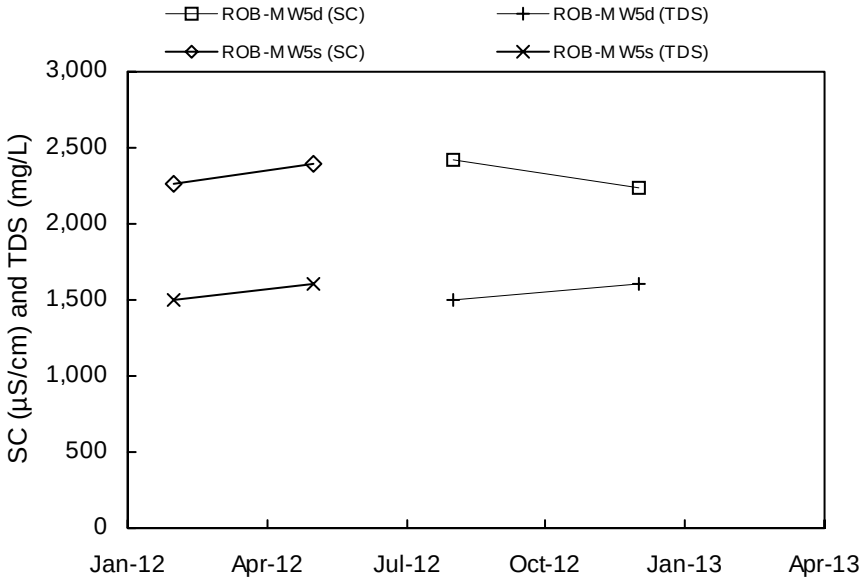

CAE-MW6s (SC)
CAE-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

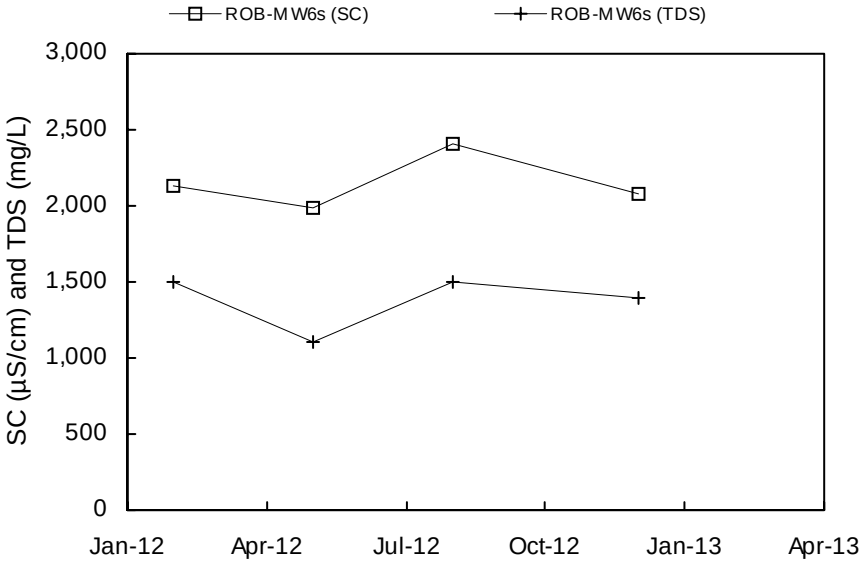

ROB-MW1d (SC)
ROB-MW1d (TDS)
ROB-MW1s (SC)
ROB-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

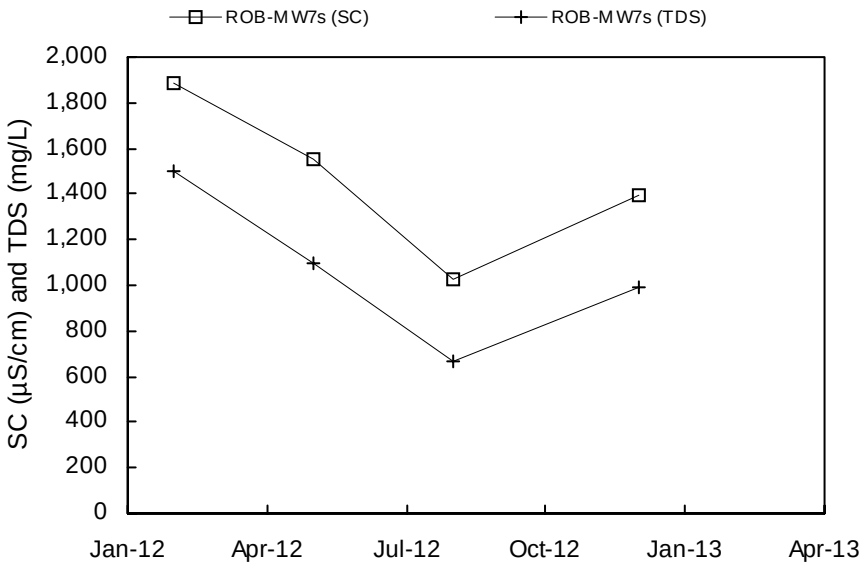

ROB-MW2d (SC)
ROB-MW2d (TDS)
ROB-MW2s (SC)
ROB-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

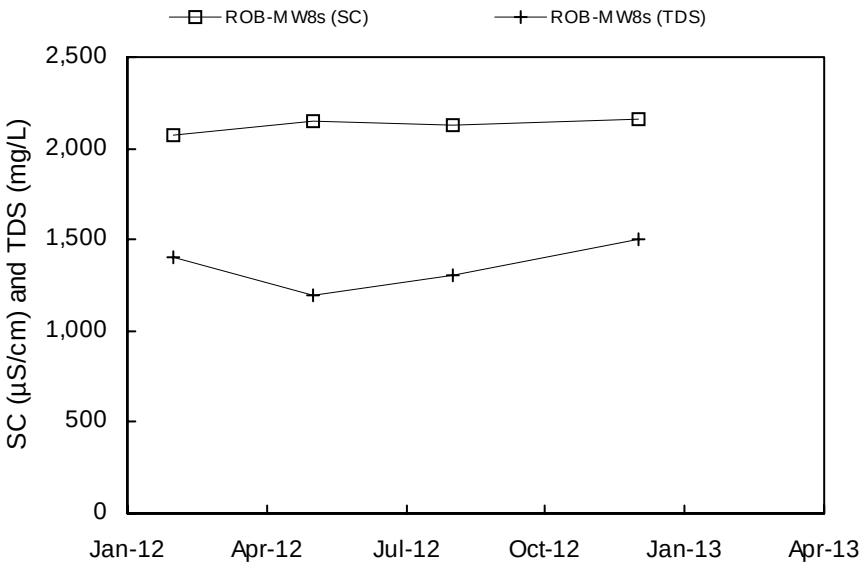

ROB-MW3s (SC)
ROB-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

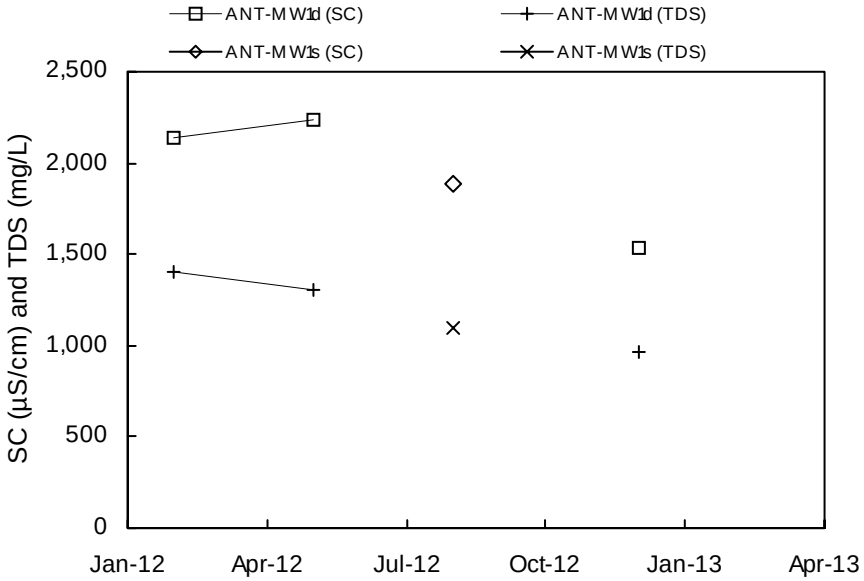

ROB-MW4s (SC)
ROB-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

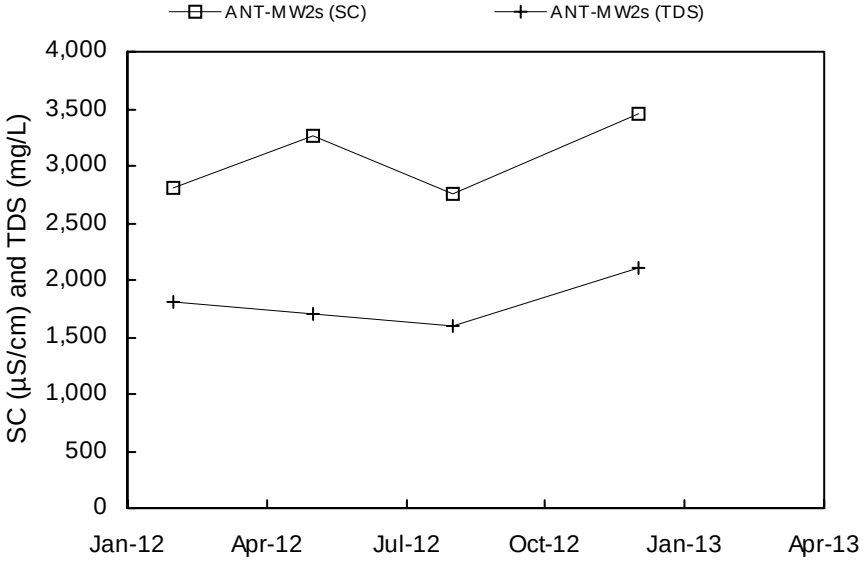

ROB-MW5d (SC)
ROB-MW5d (TDS)
ROB-MW5s (SC)
ROB-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

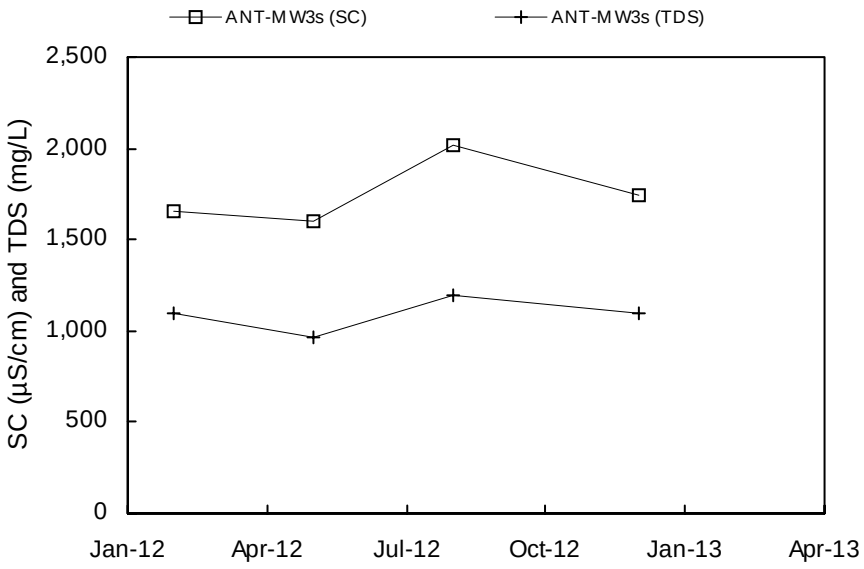

ROB-MW6s (SC)
ROB-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

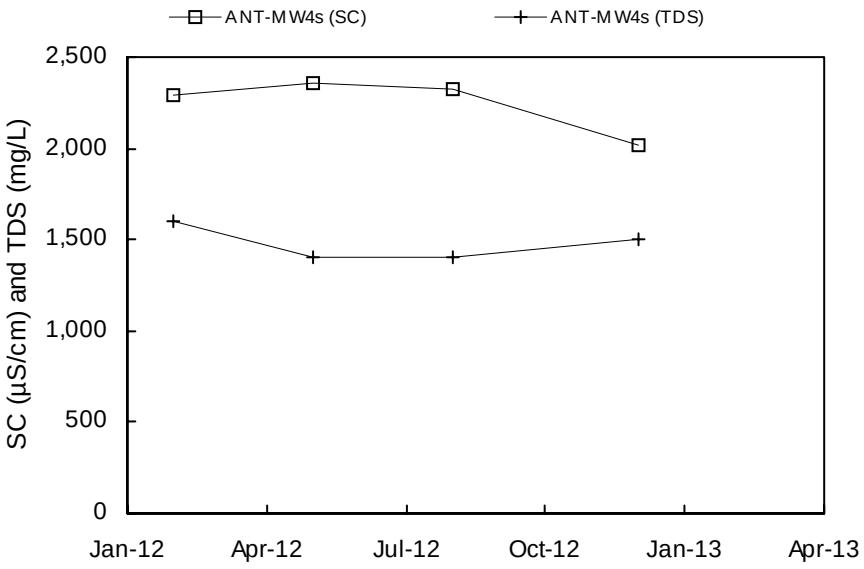

ROB-MW7s (SC)
ROB-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

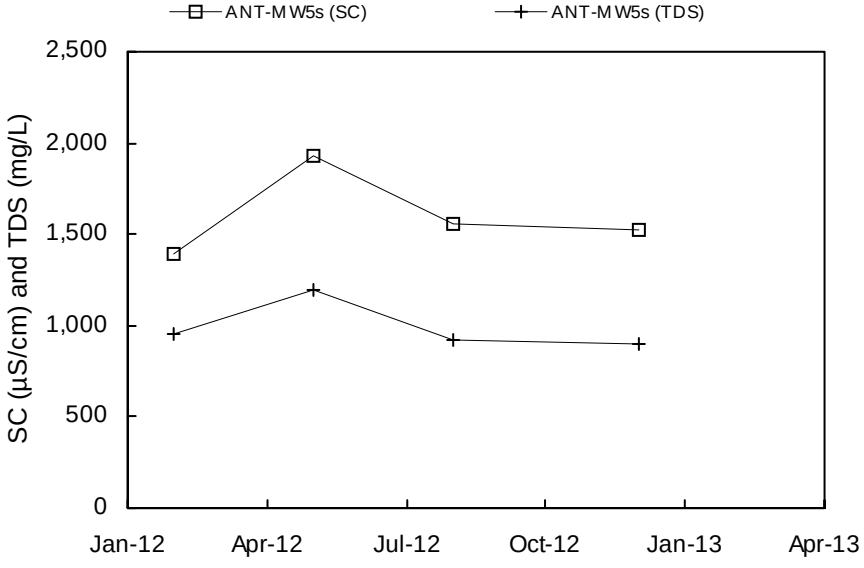

ROB-MW8s (SC)
ROB-MW8s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

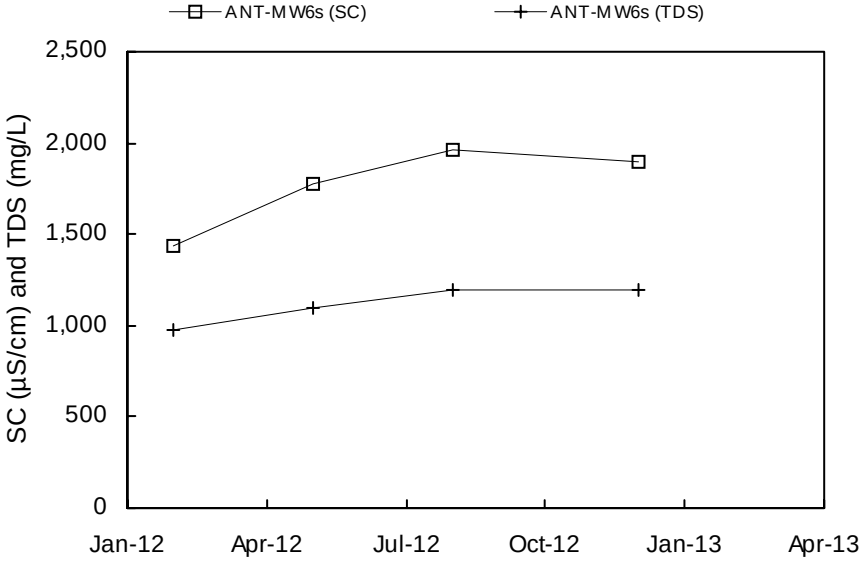

ANT-MW1d (SC)
ANT-MW1d (TDS)
ANT-MW1s (SC)
ANT-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

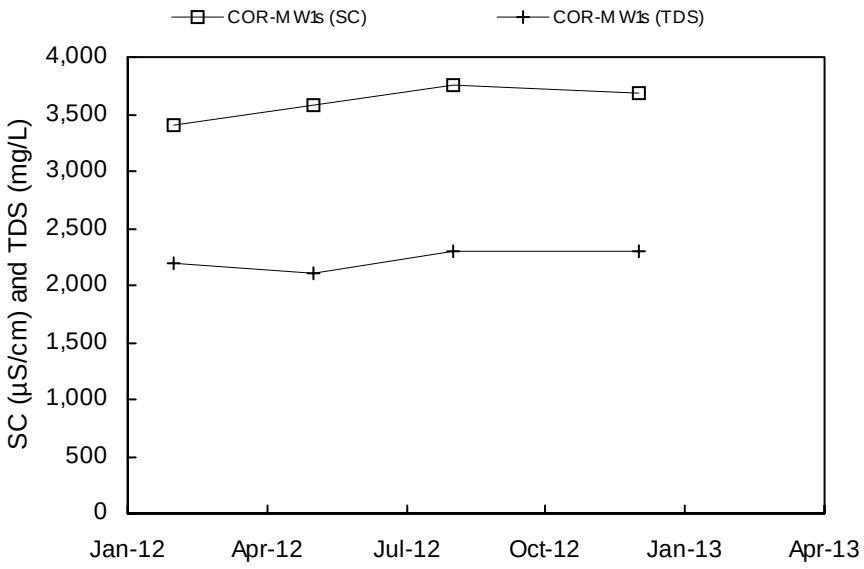

ANT-MW2s (SC)
ANT-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

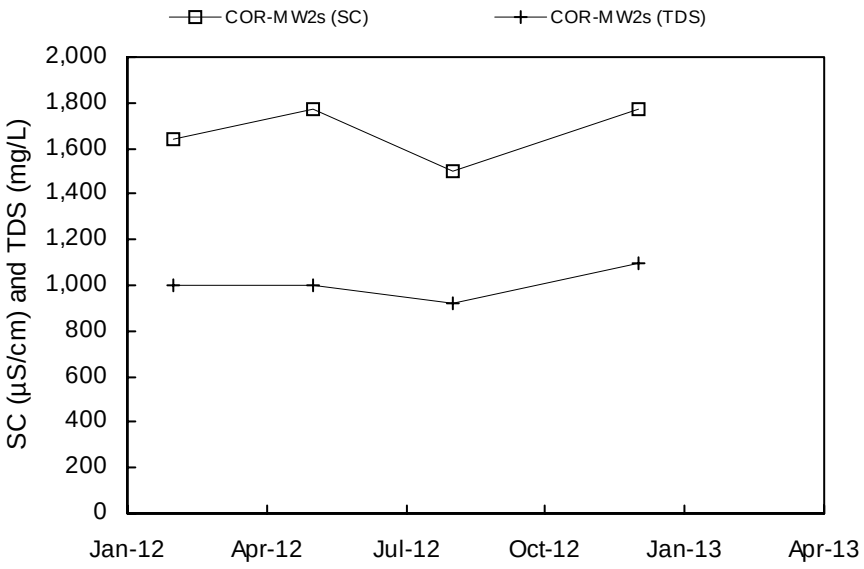

ANT-MW3s (SC)
ANT-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

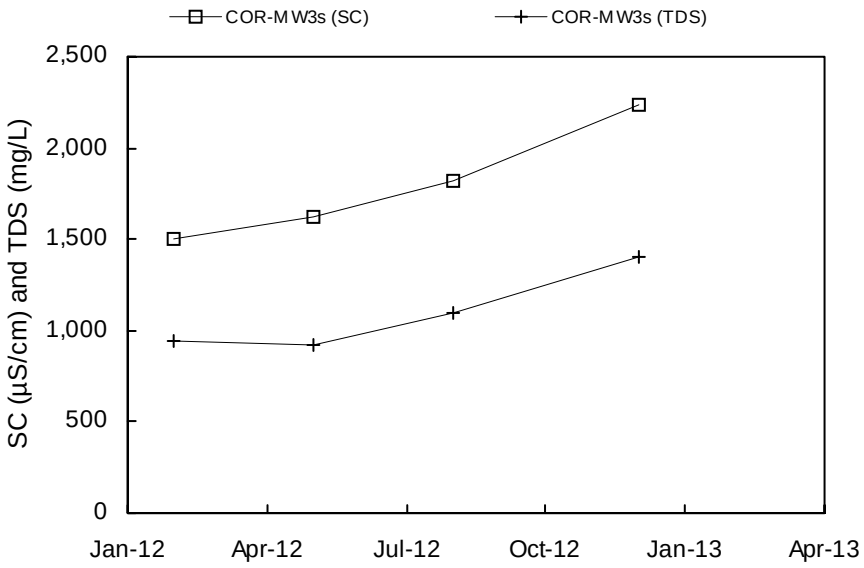

ANT-MW4s (SC)
ANT-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

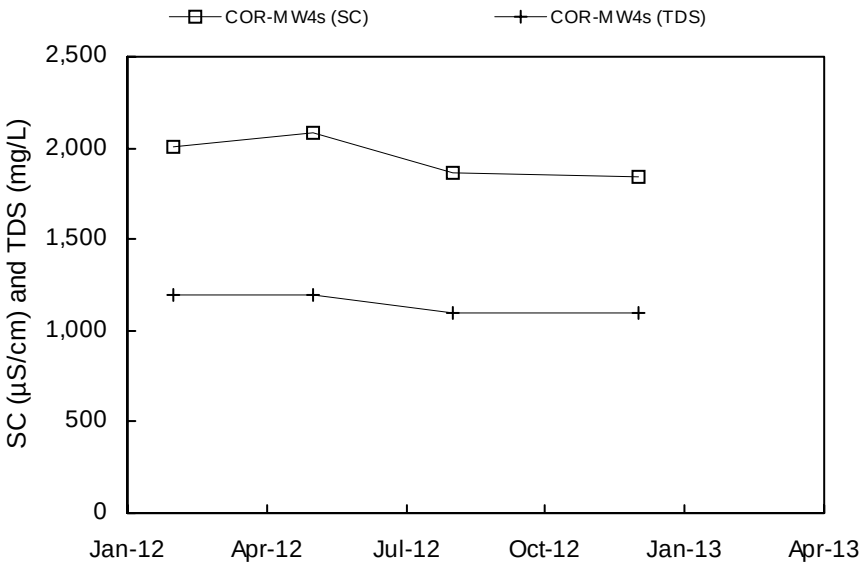

ANT-MW5s (SC)
ANT-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

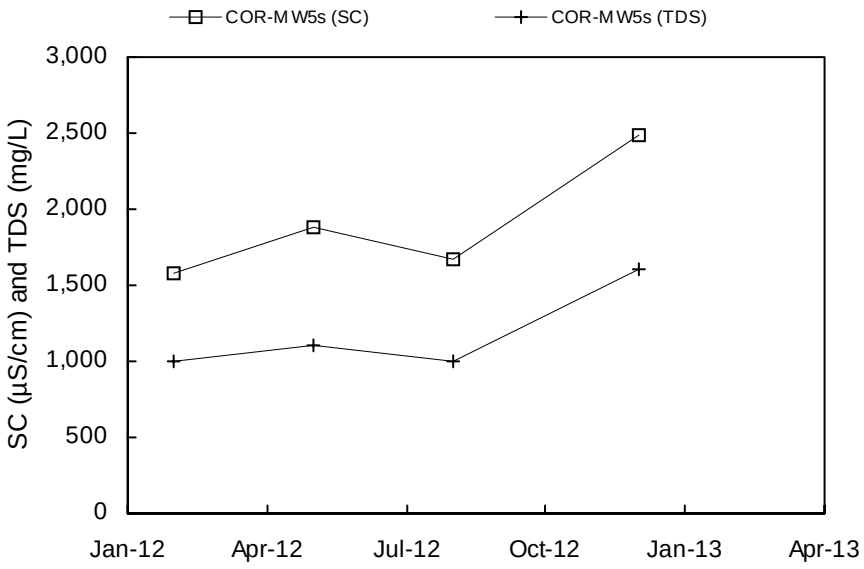

ANT-MW6s (SC)
ANT-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

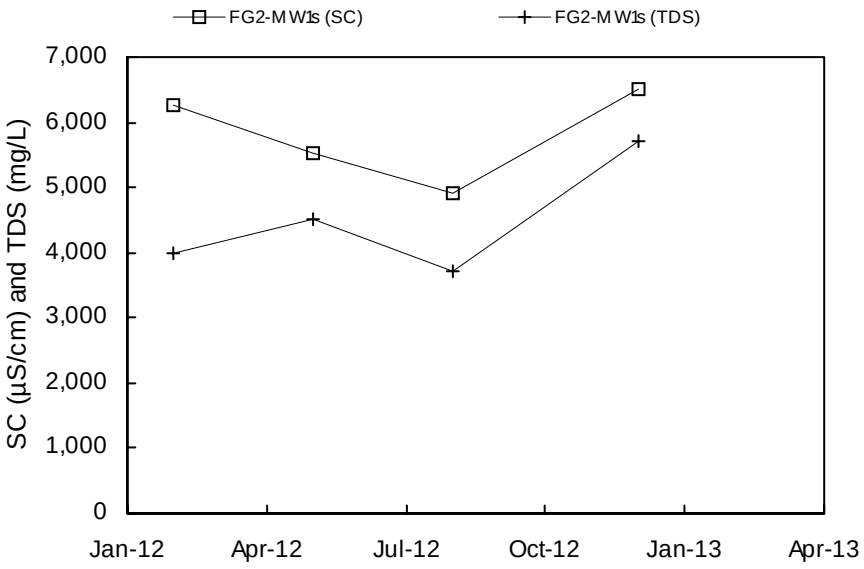

COR-MW1s (SC)
COR-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

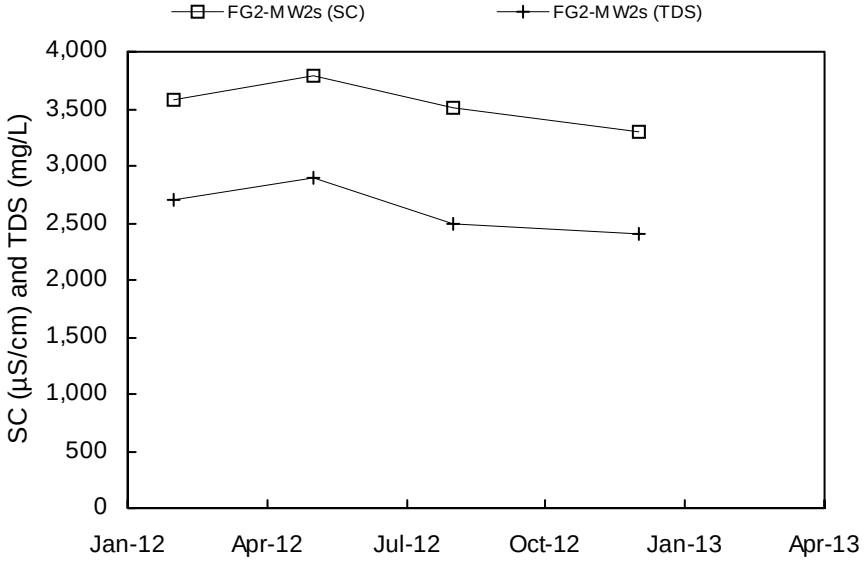

COR-MW2s (SC)
COR-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

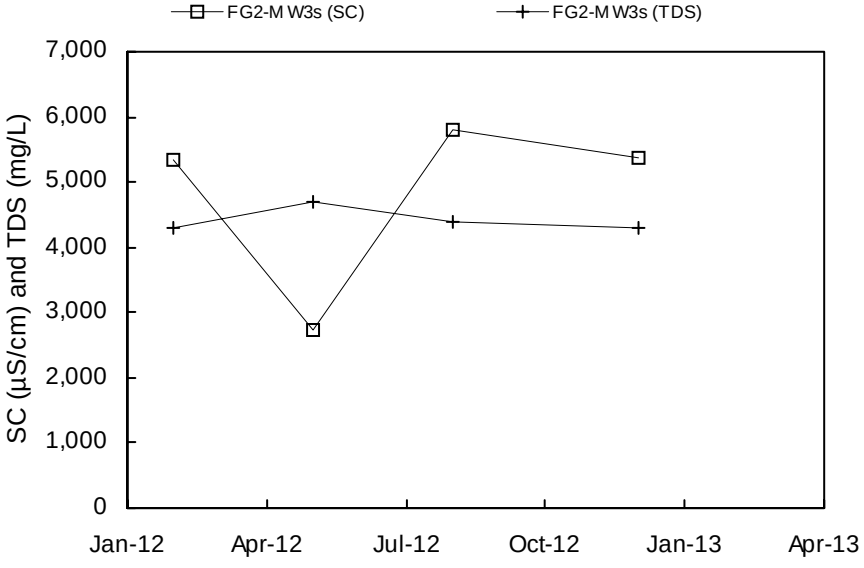

COR-MW3s (SC)
COR-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

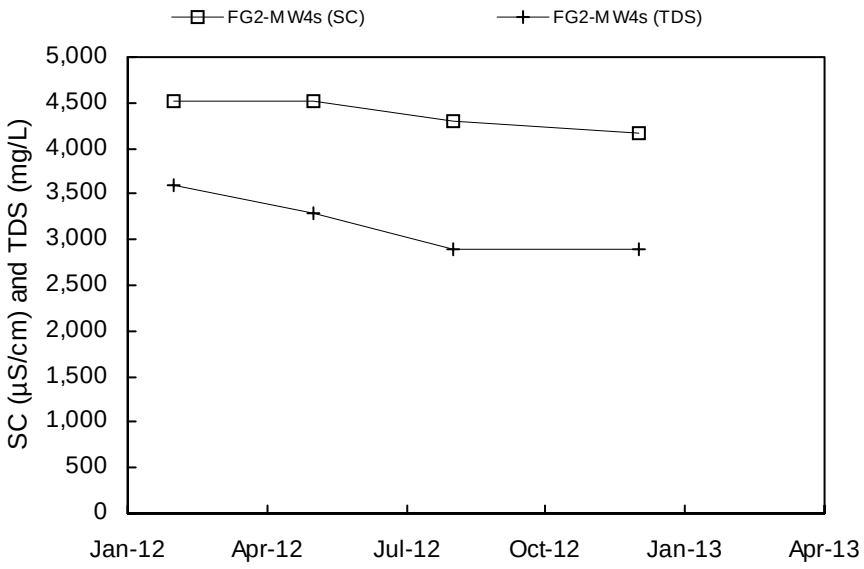

COR-MW4s (SC)
COR-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

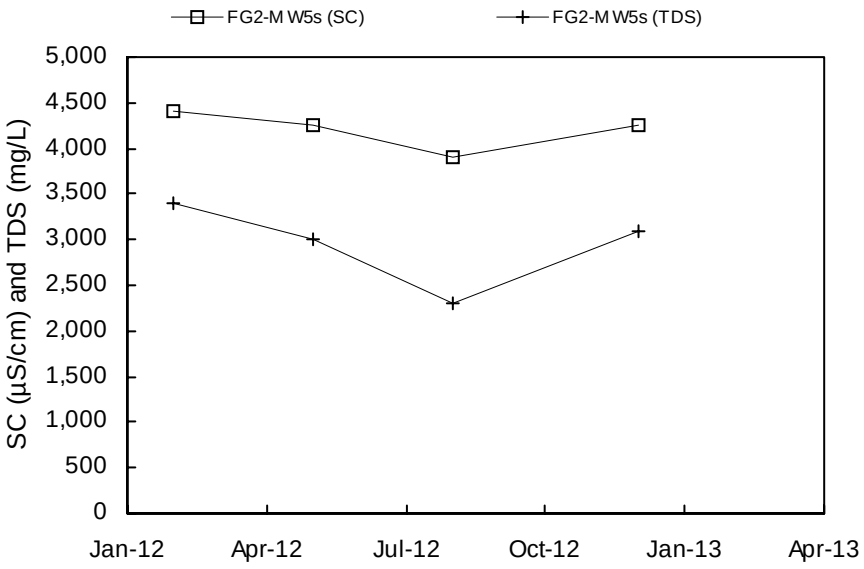

COR-MW5s (SC)
COR-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

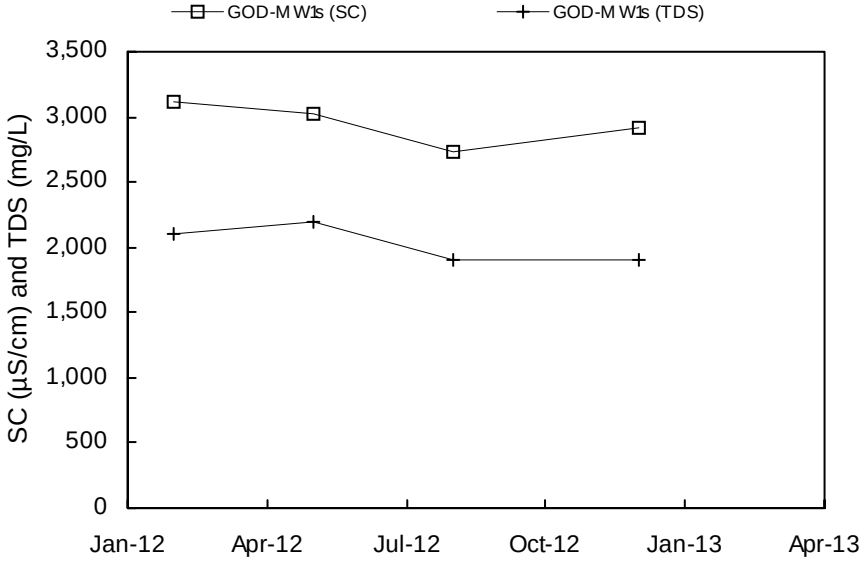

FG2-MW1s (SC)
FG2-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

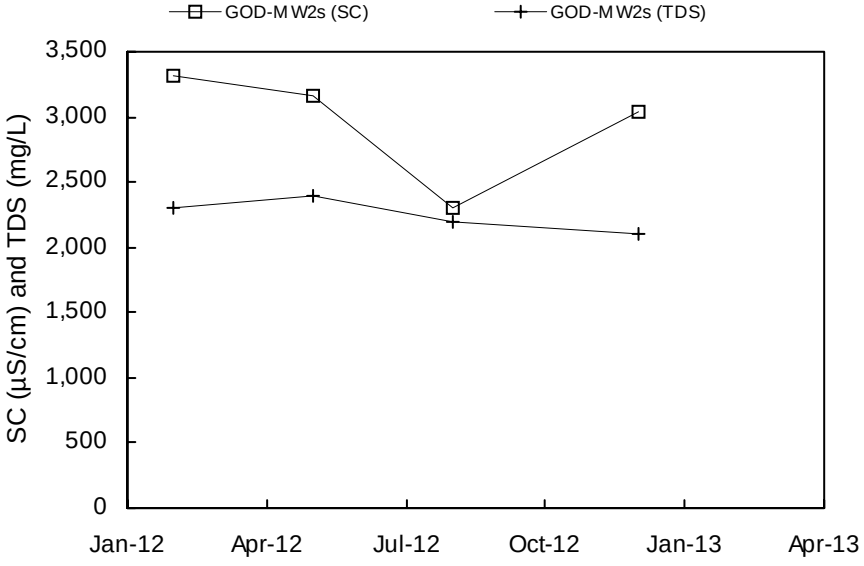

FG2-MW2s (SC)
FG2-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

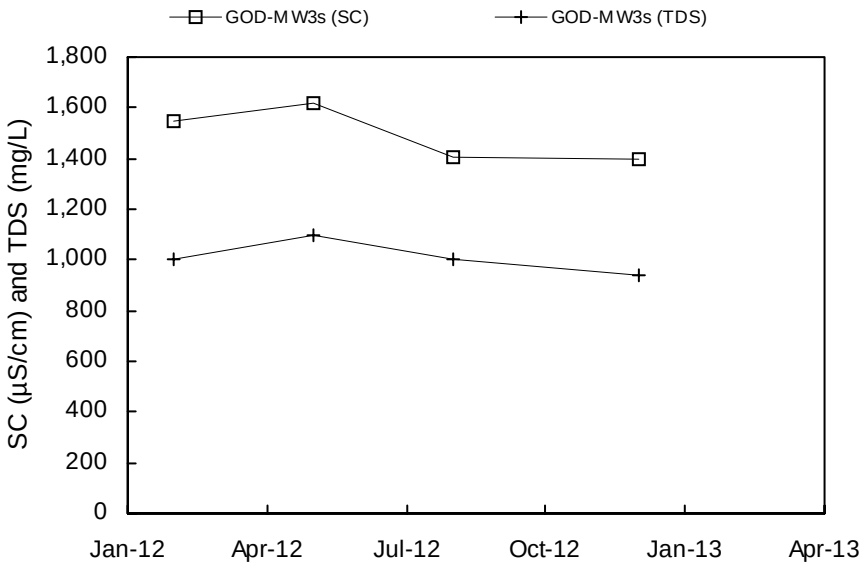

FG2-MW3s (SC)
FG2-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

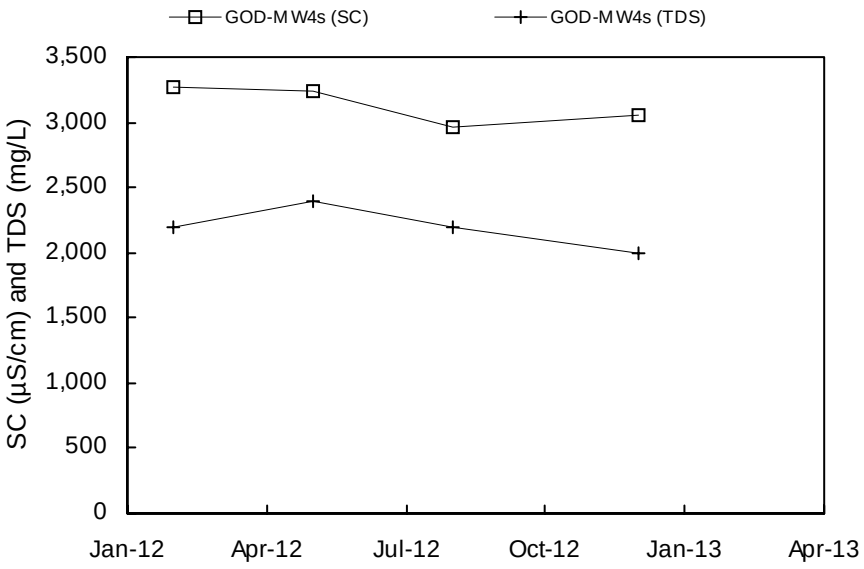

FG2-MW4s (SC)
FG2-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

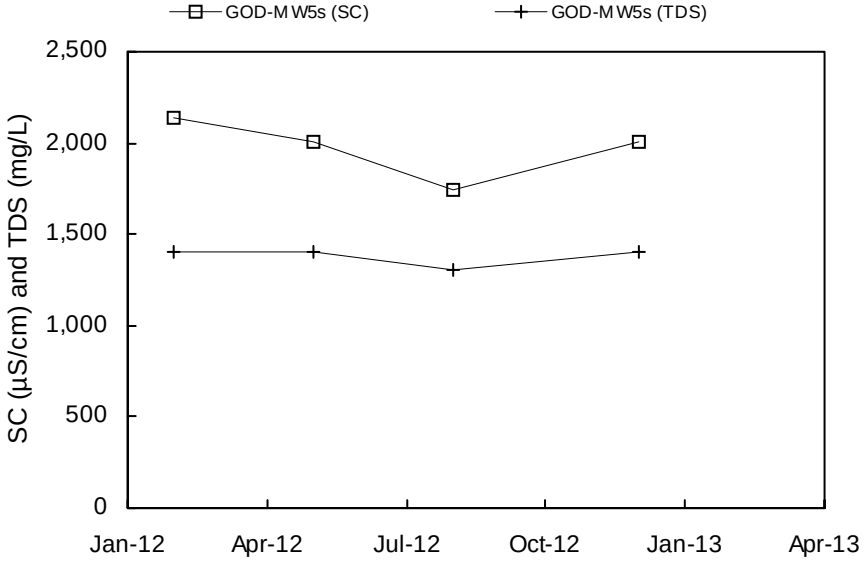

FG2-MW5s (SC)
FG2-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

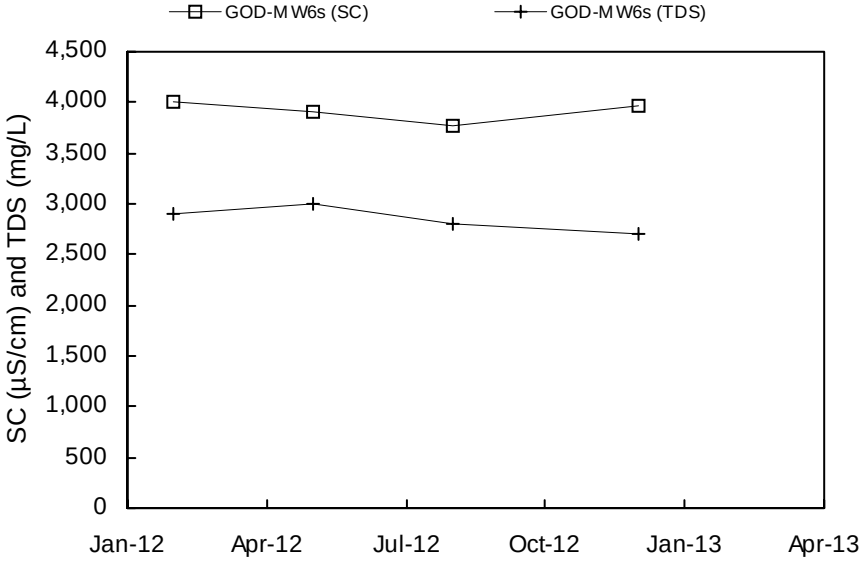

GOD-MW1s (SC)
GOD-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

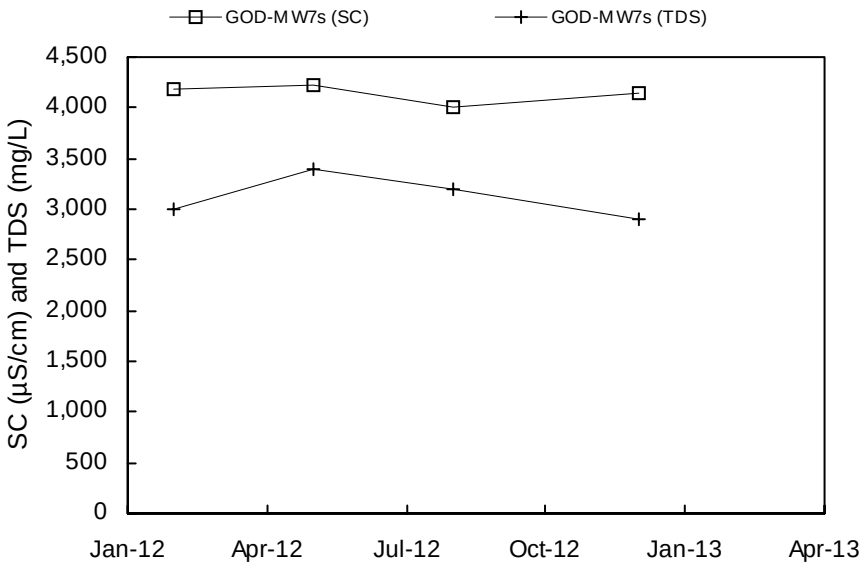

GOD-MW2s (SC)
GOD-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

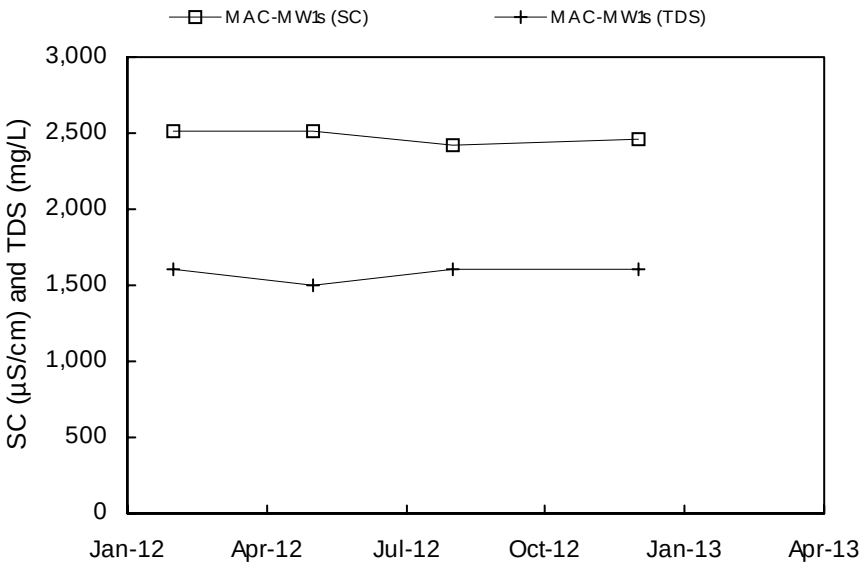

GOD-MW3s (SC)
GOD-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

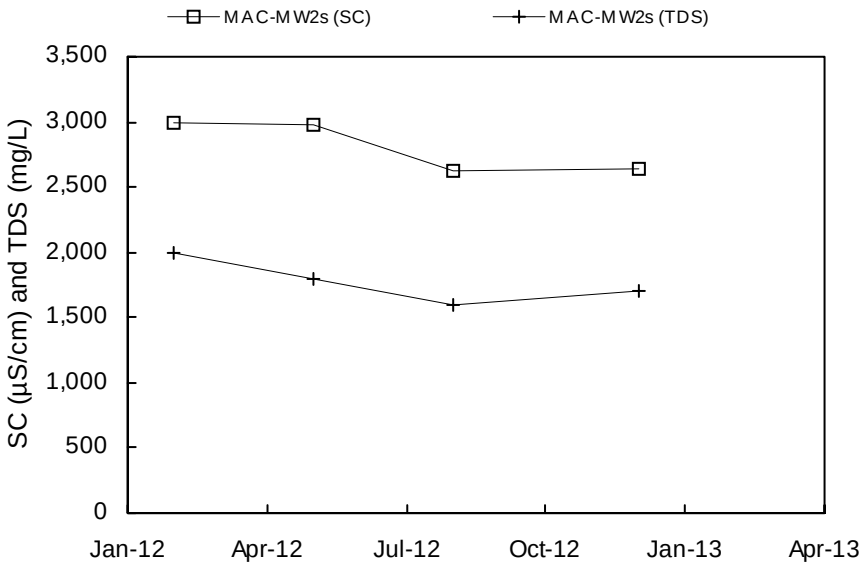

GOD-MW4s (SC)
GOD-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

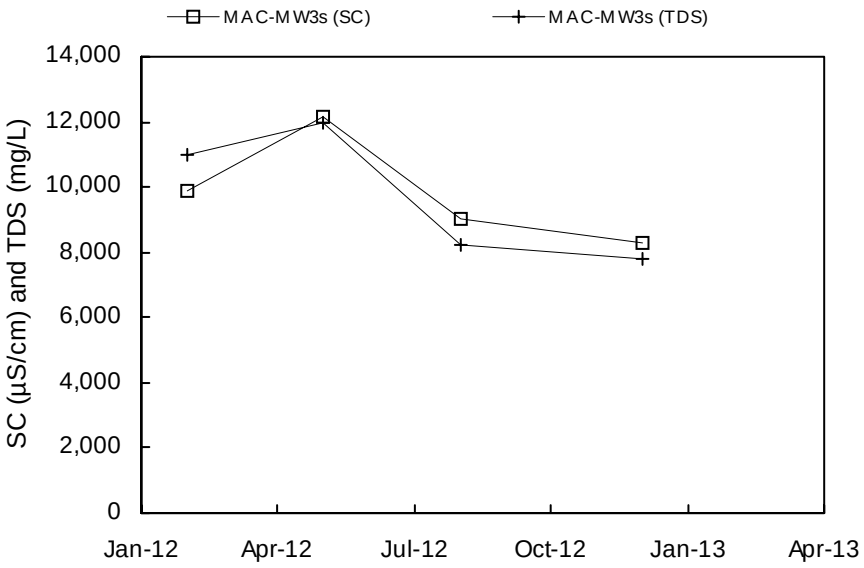

GOD-MW5s (SC)
GOD-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

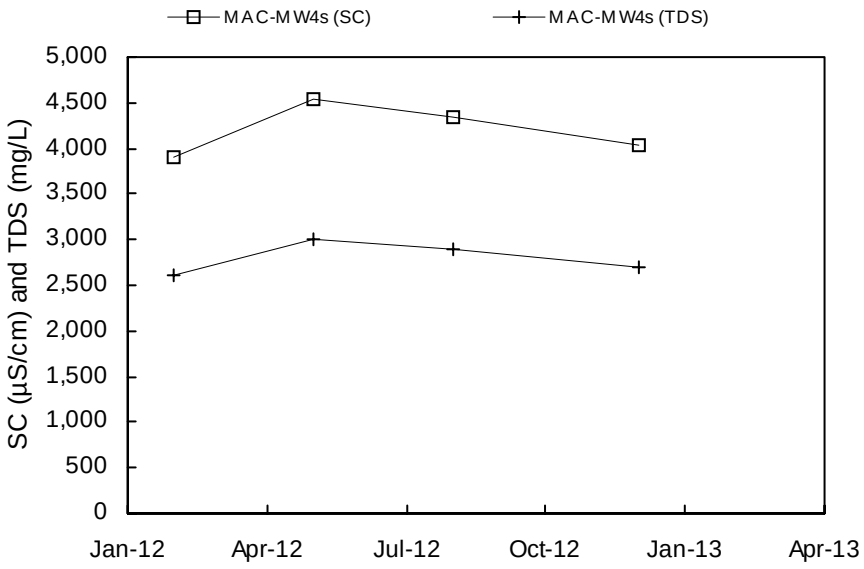

GOD-MW6s (SC)
GOD-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

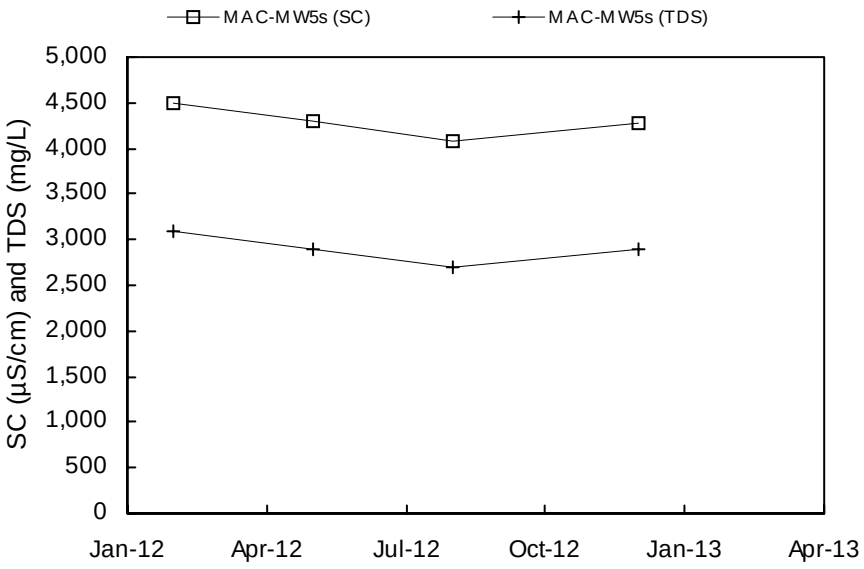

GOD-MW7s (SC)
GOD-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

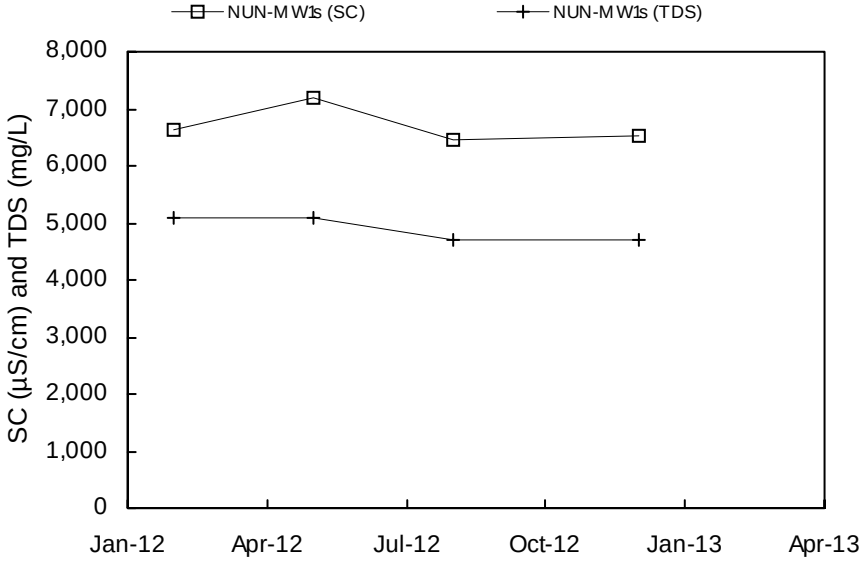

MAC-MW1s (SC)
MAC-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

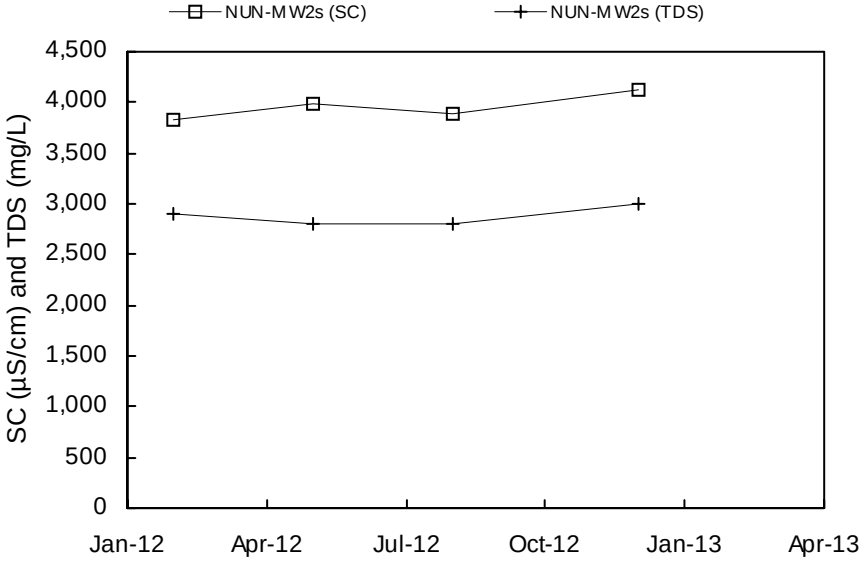

MAC-MW2s (SC)
MAC-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

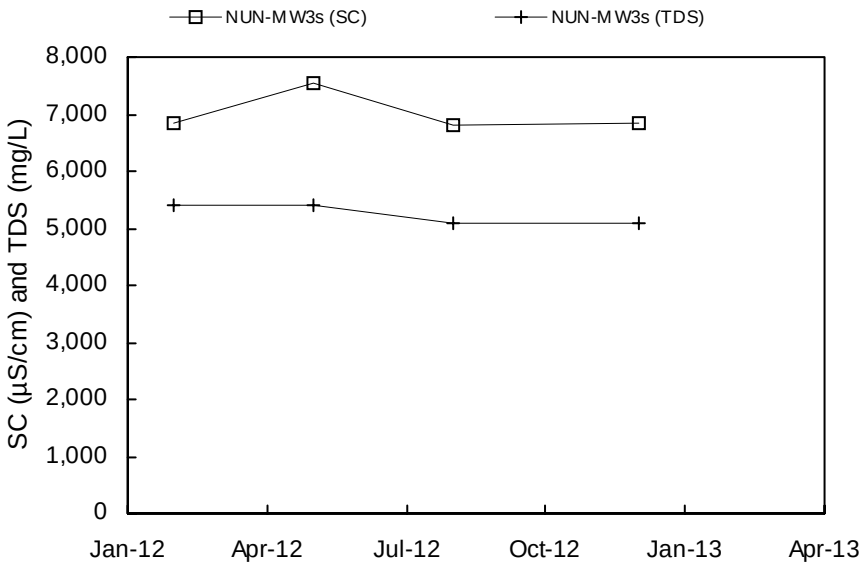

MAC-MW3s (SC)
MAC-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

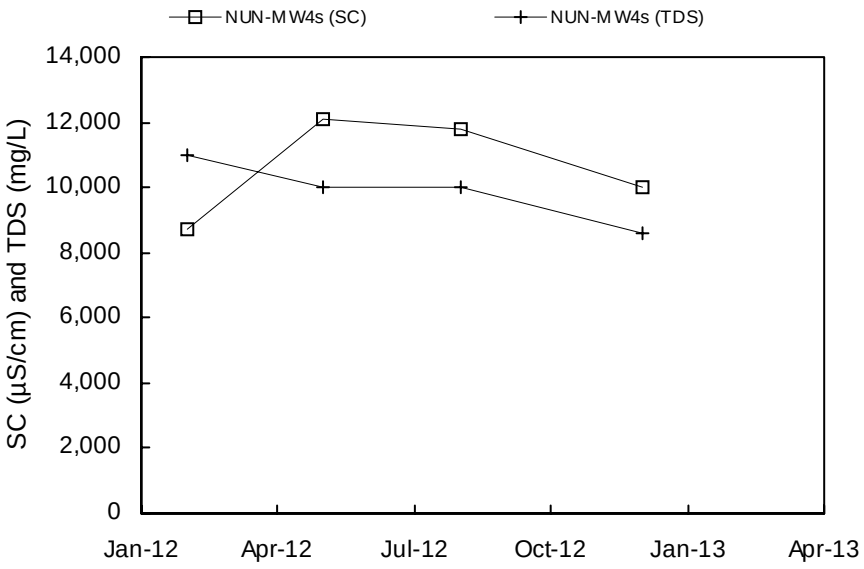

MAC-MW4s (SC)
MAC-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

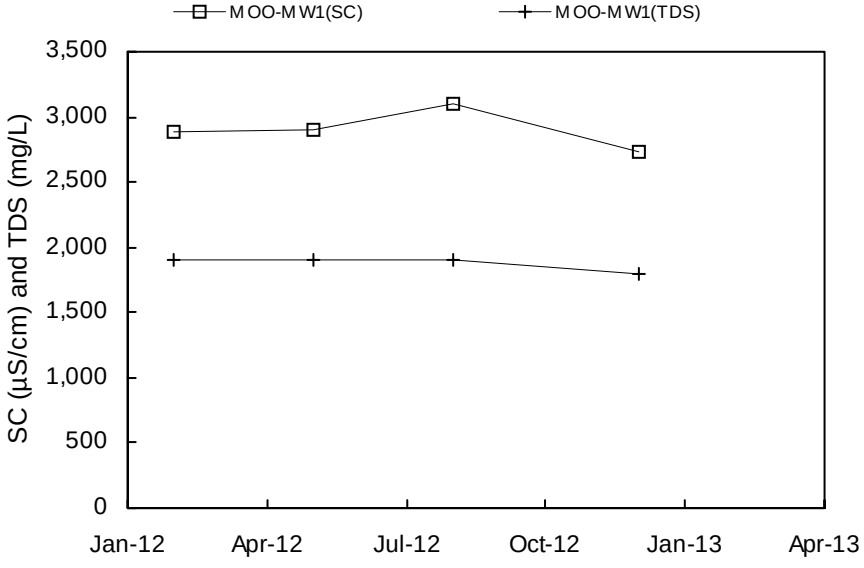

MAC-MW5s (SC)
MAC-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

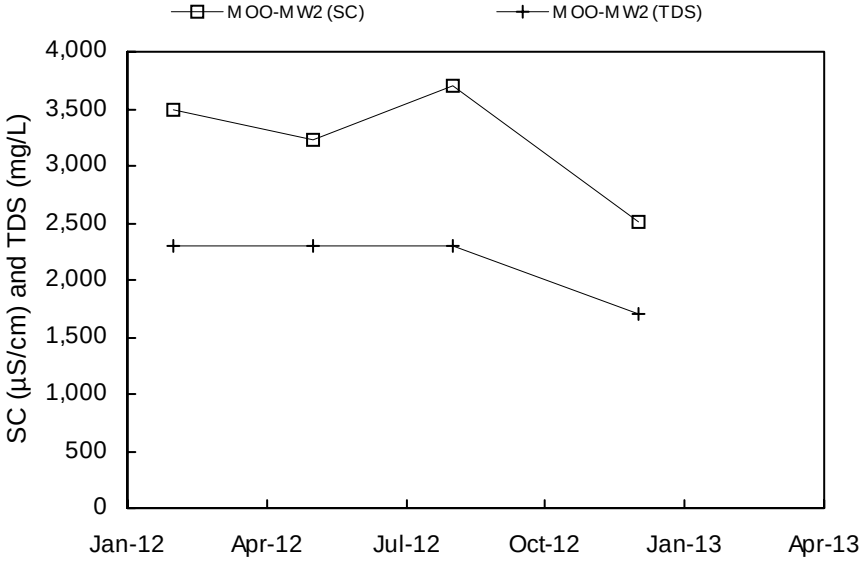

NUN-MW1s (SC)
NUN-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

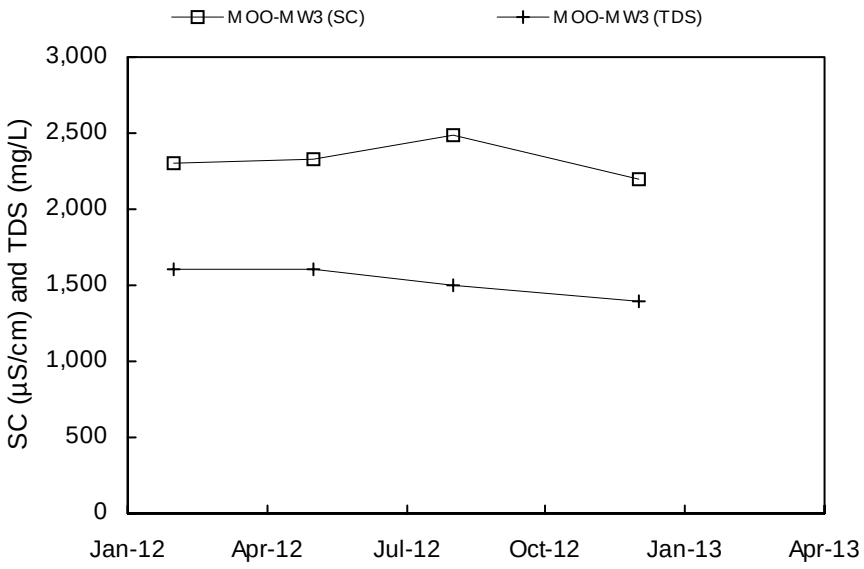

NUN-MW2s (SC)
NUN-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

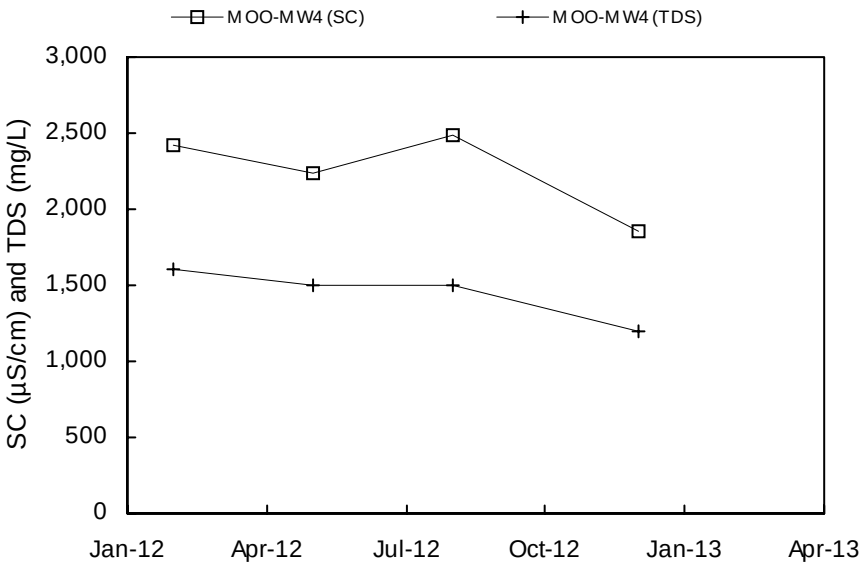

NUN-MW3s (SC)
NUN-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

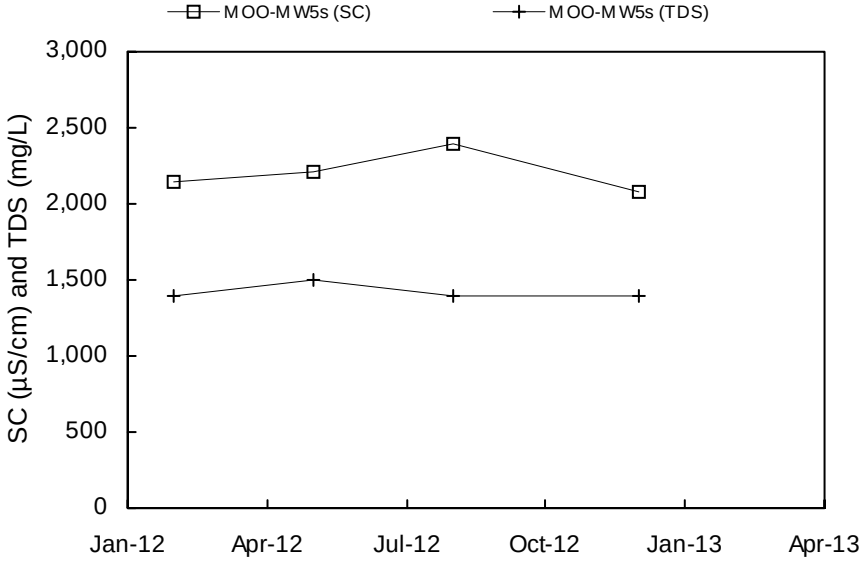

NUN-MW4s (SC)
NUN-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

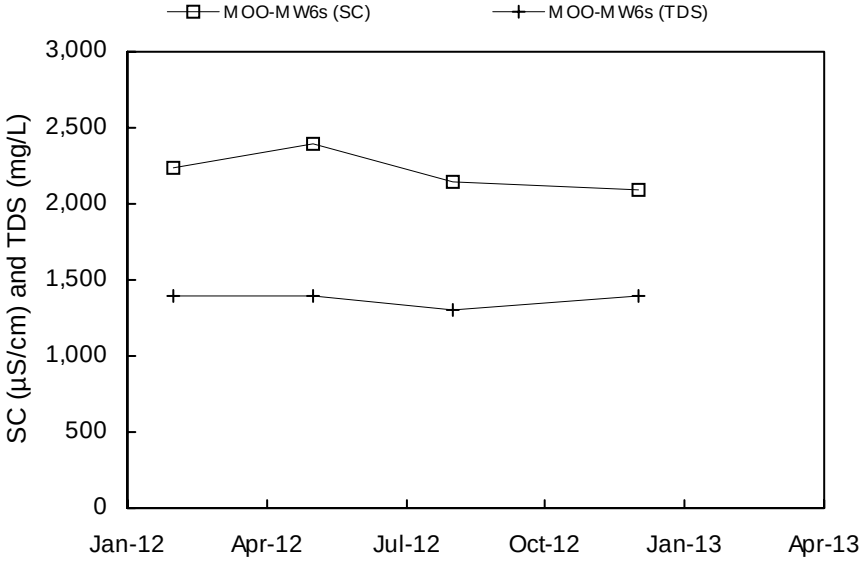

MOO-MW1(SC)
MOO-MW1(TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

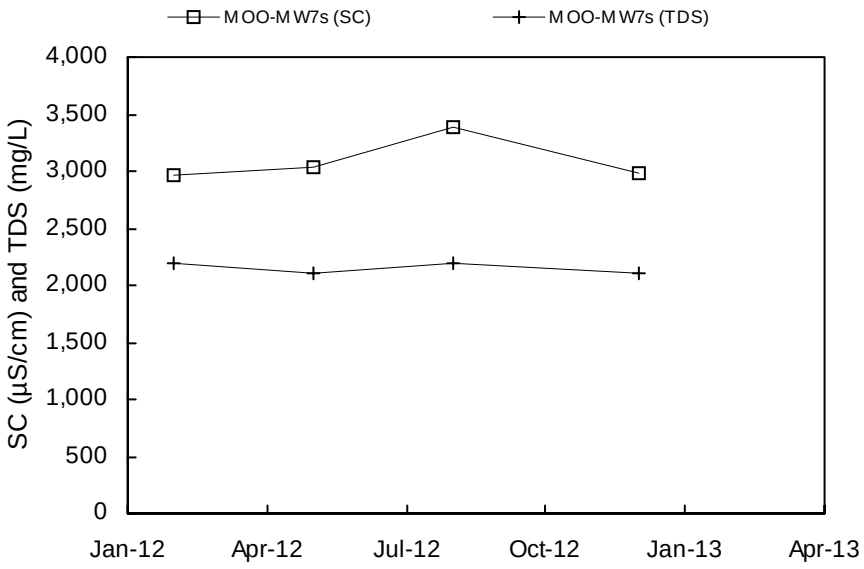

MOO-MW2 (SC)
MOO-MW2 (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

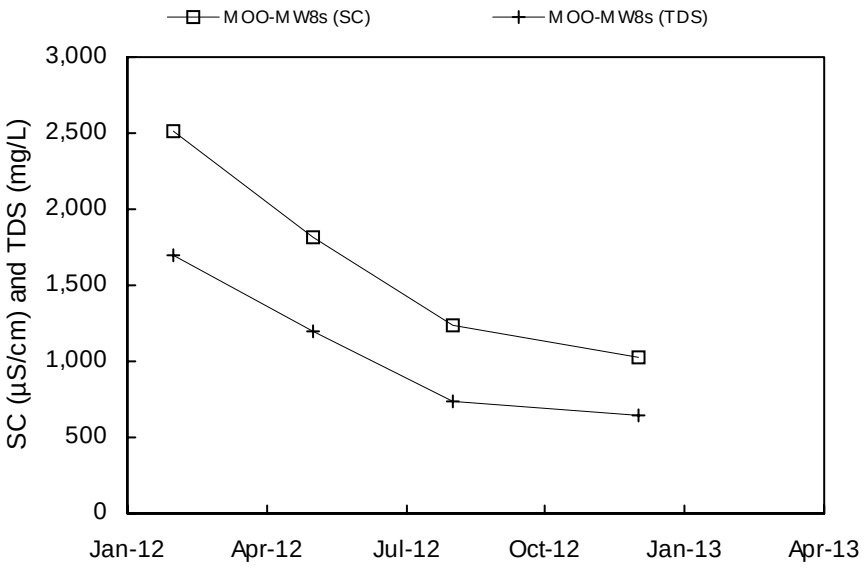

MOO-MW3 (SC)
MOO-MW3 (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

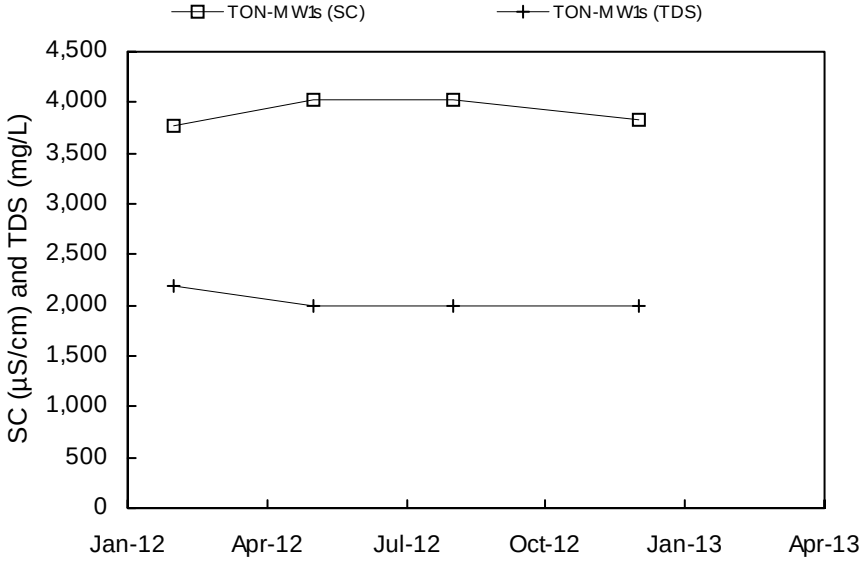

MOO-MW4 (SC)
MOO-MW4 (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

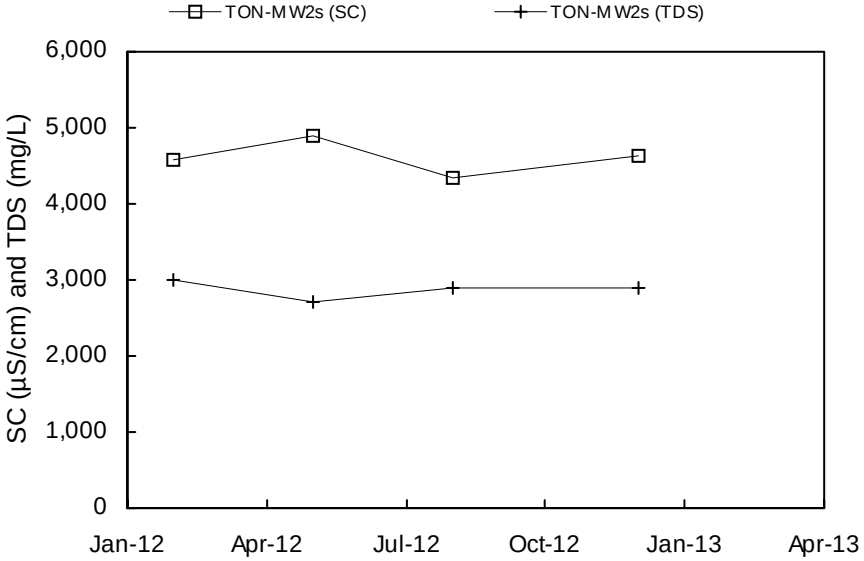

MOO-MW5s (SC)
MOO-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

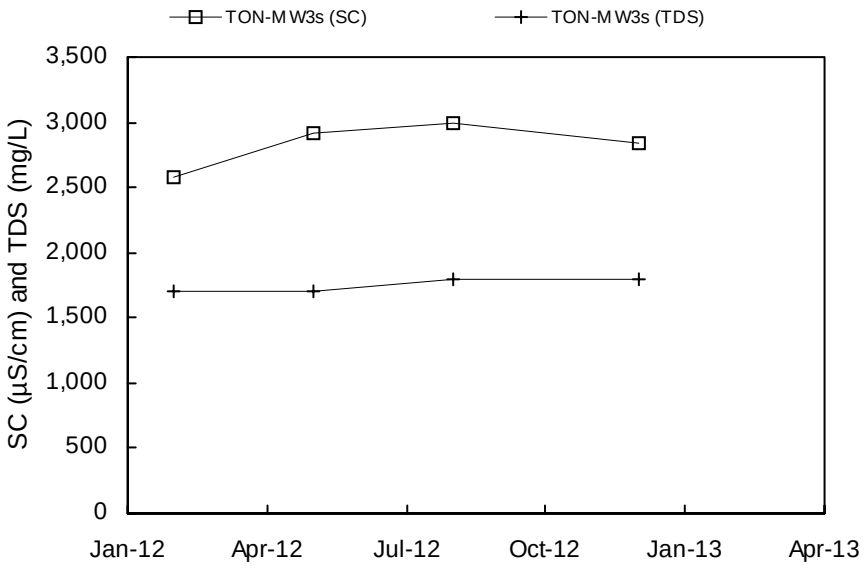

MOO-MW6s (SC)
MOO-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

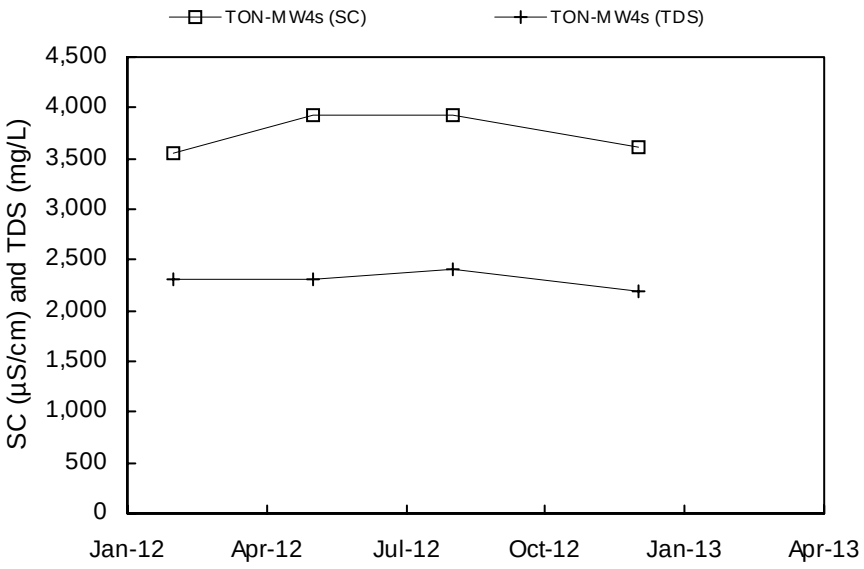

MOO-MW7s (SC)
MOO-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

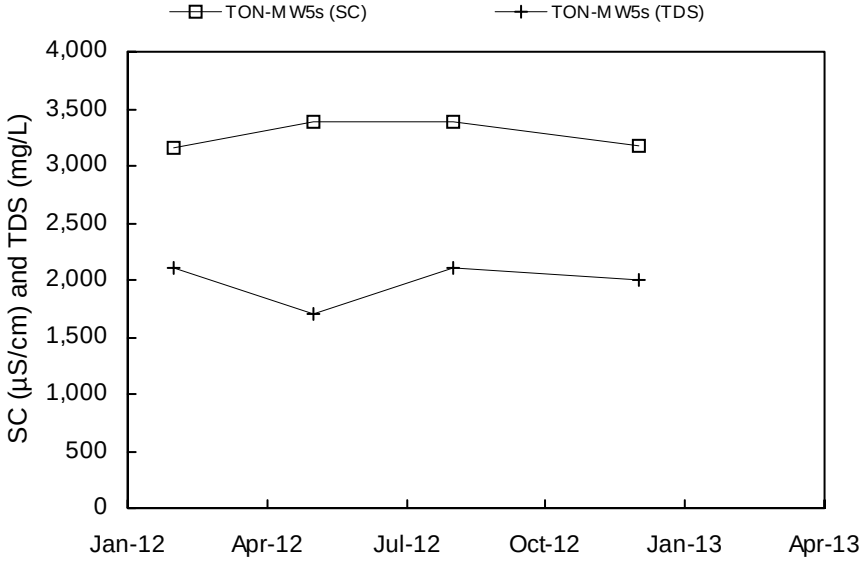

MOO-MW8s (SC)
MOO-MW8s (TDS)
SC (µS/cm) and TDS (mg/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

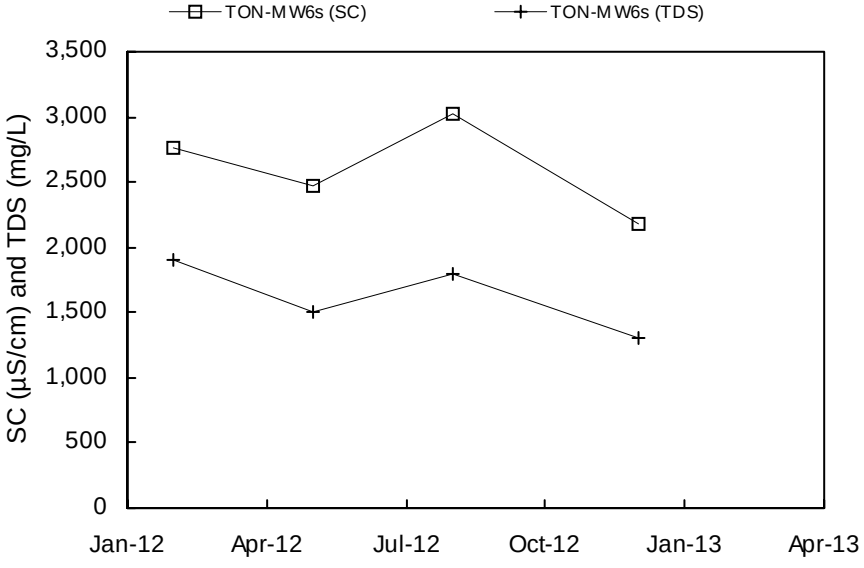

TON-MW1s (SC)
TON-MW1s (TDS)
SC (µS/cm) and TDS (mg/L)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

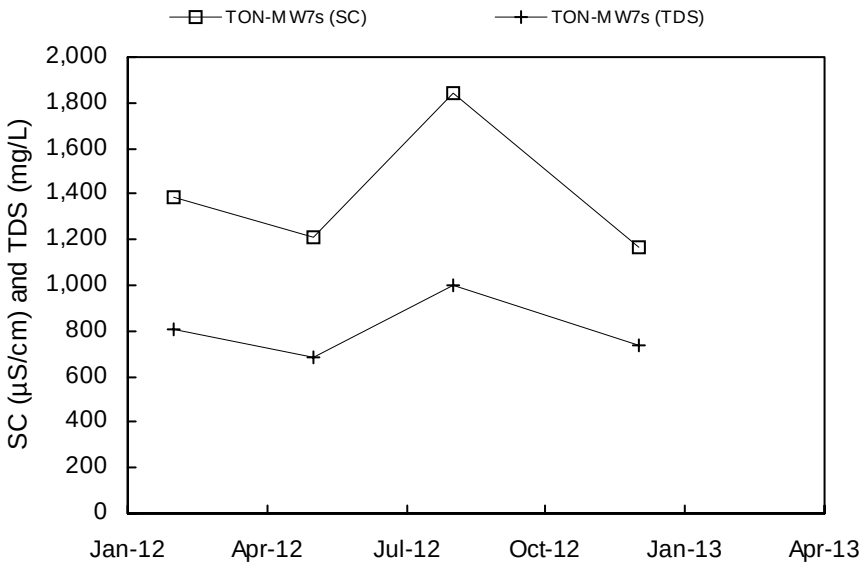

TON-MW2s (SC)
TON-MW2s (TDS)
SC (µS/cm) and TDS (mg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

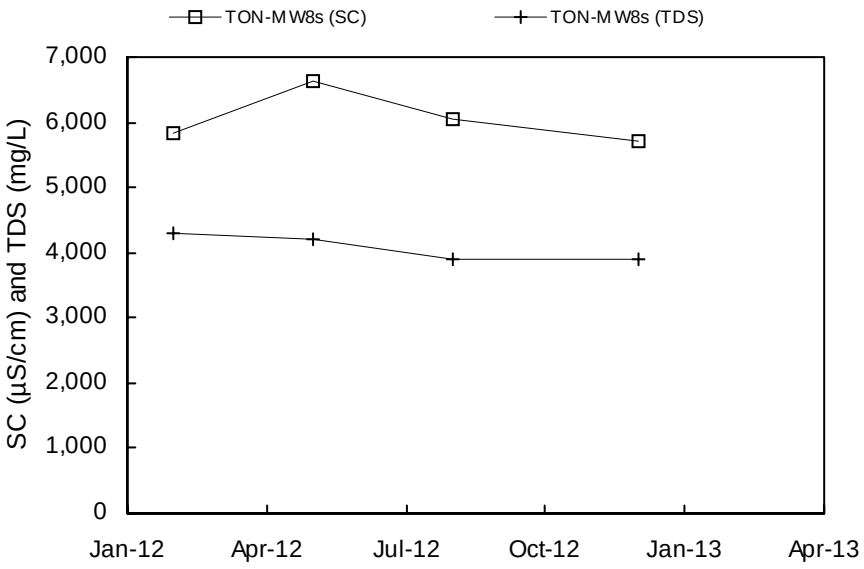

TON-MW3s (SC)
TON-MW3s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13


TON-MW4s (SC)
TON-MW4s (TDS)
SC (µS/cm) and TDS (mg/L)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13


TON-MW5s (SC)
TON-MW5s (TDS)
SC (µS/cm) and TDS (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

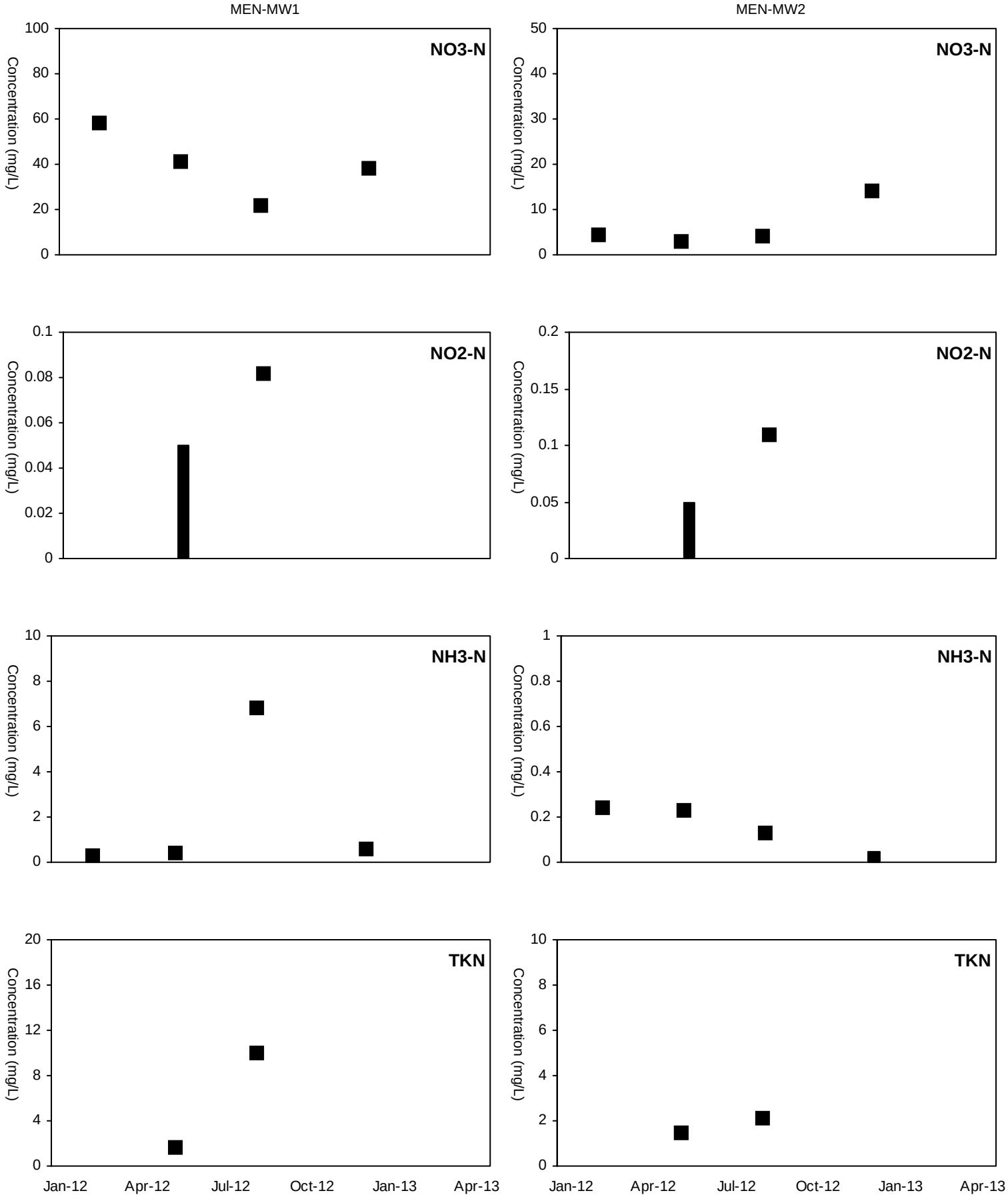

TON-MW6s (SC)
TON-MW6s (TDS)
SC (µS/cm) and TDS (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13


TON-MW7s (SC)
TON-MW7s (TDS)
SC (µS/cm) and TDS (mg/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13


TON-MW8s (SC)
TON-MW8s (TDS)
SC (µS/cm) and TDS (mg/L)
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13

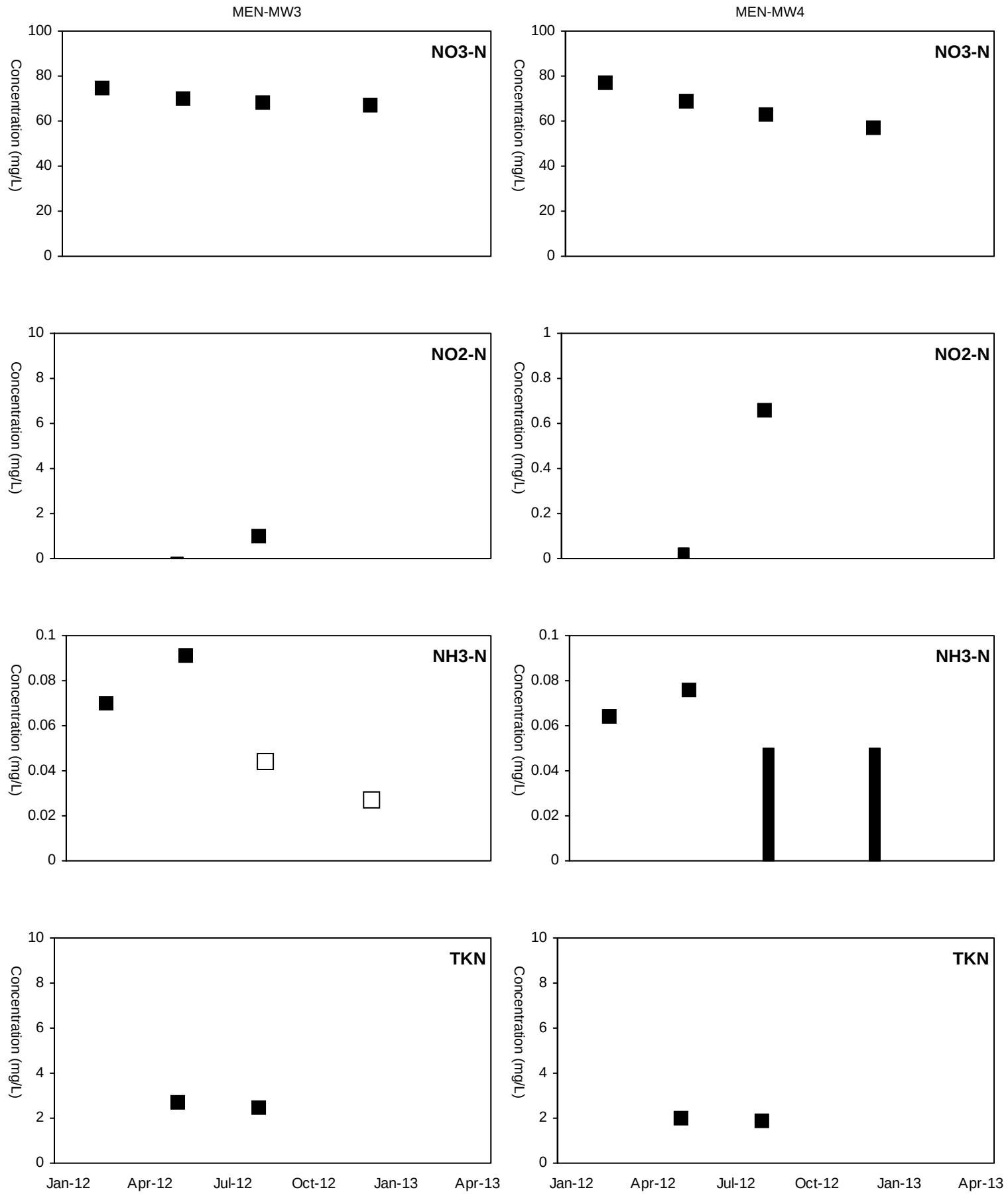
Attachment A5

Nitrogen Components Concentrations in Groundwater, Time Series Plots



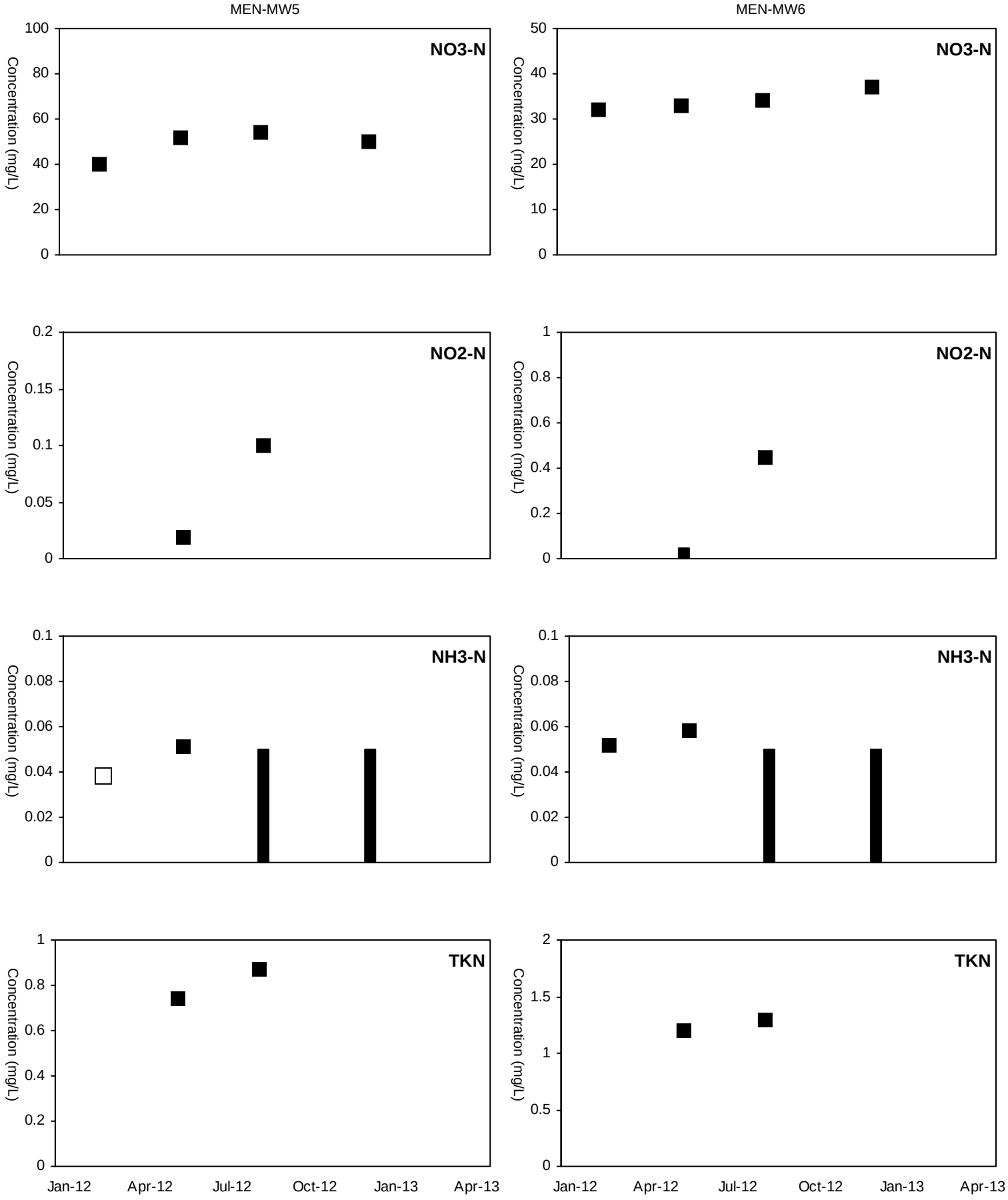
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



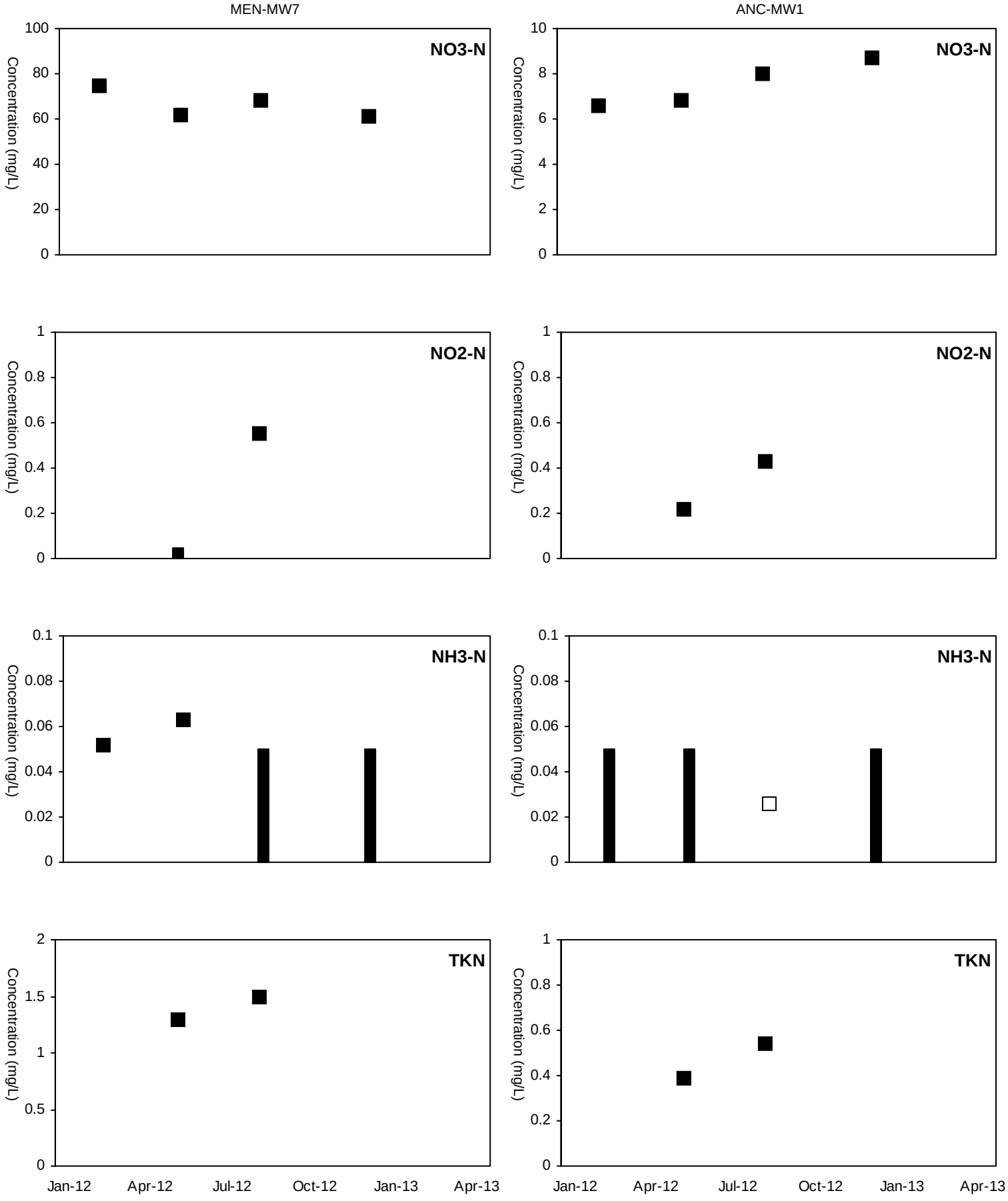
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



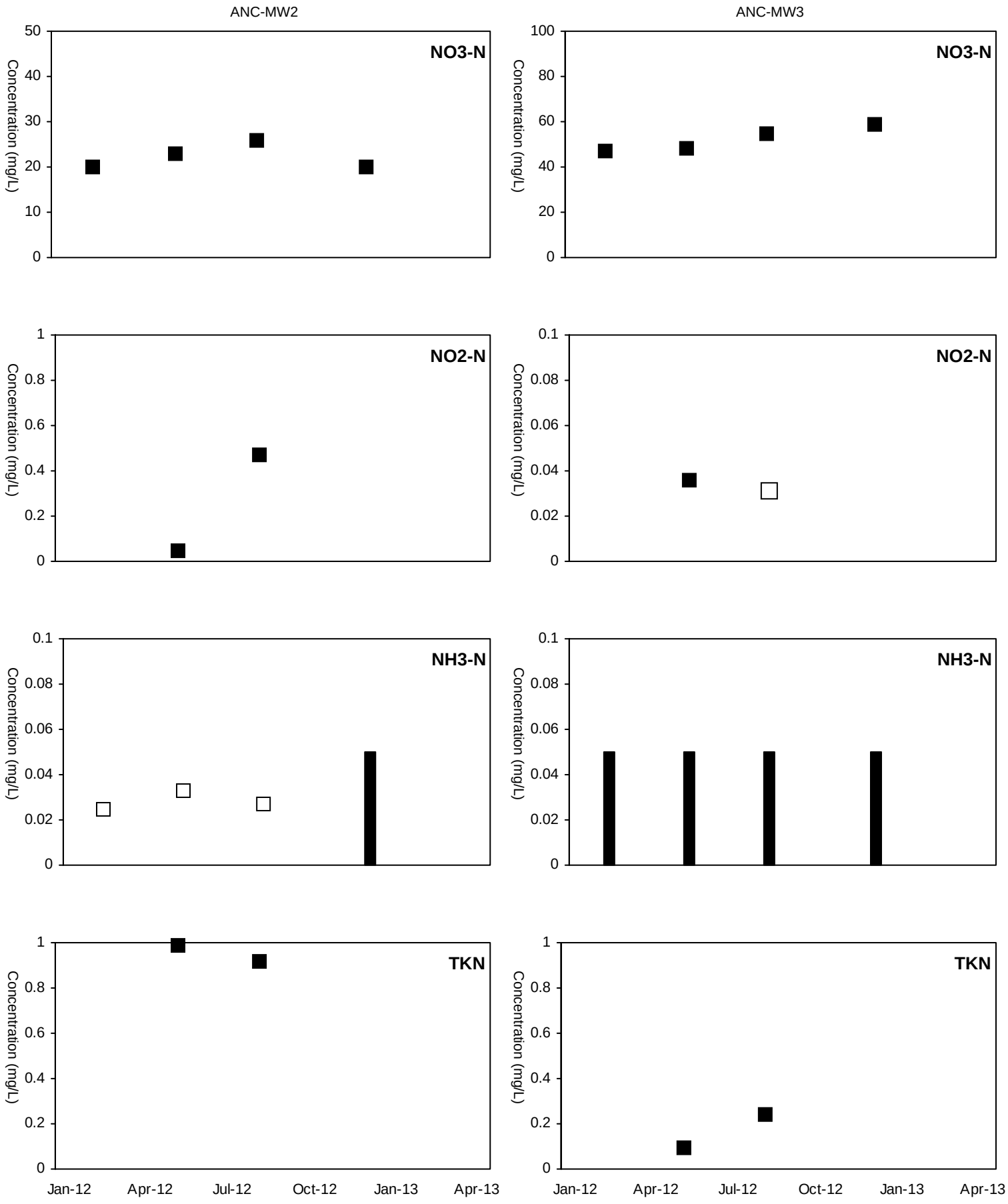
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



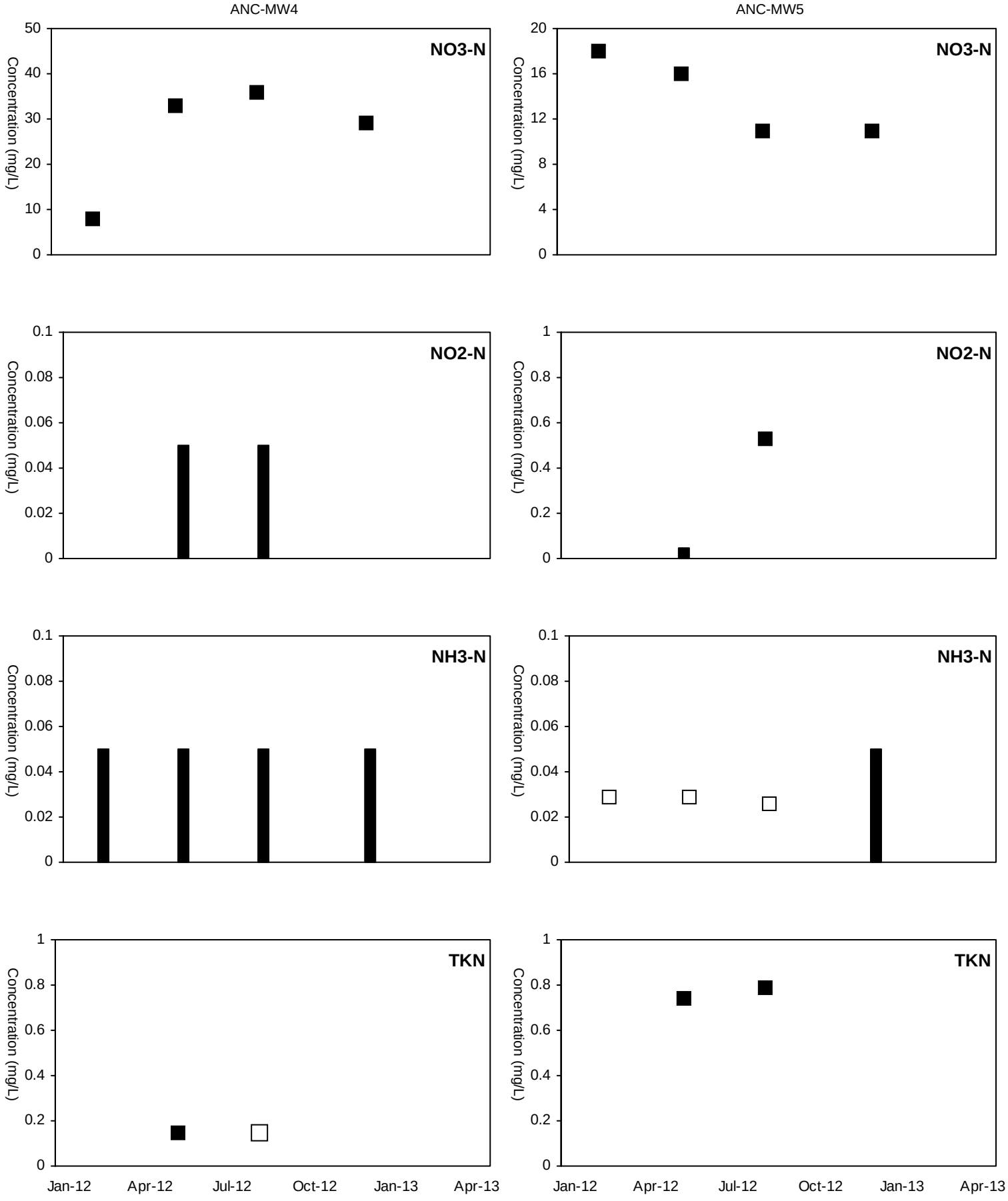
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



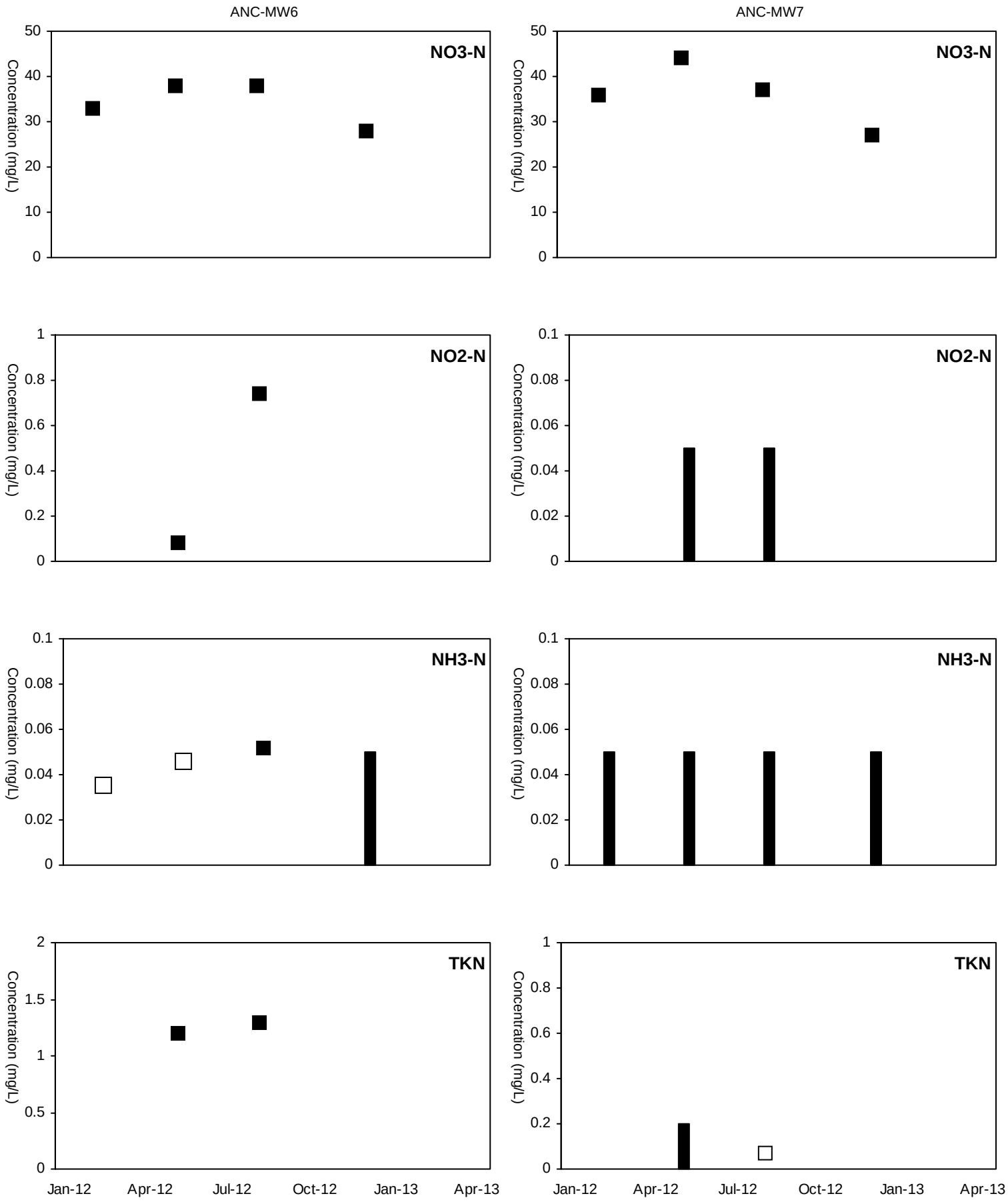
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



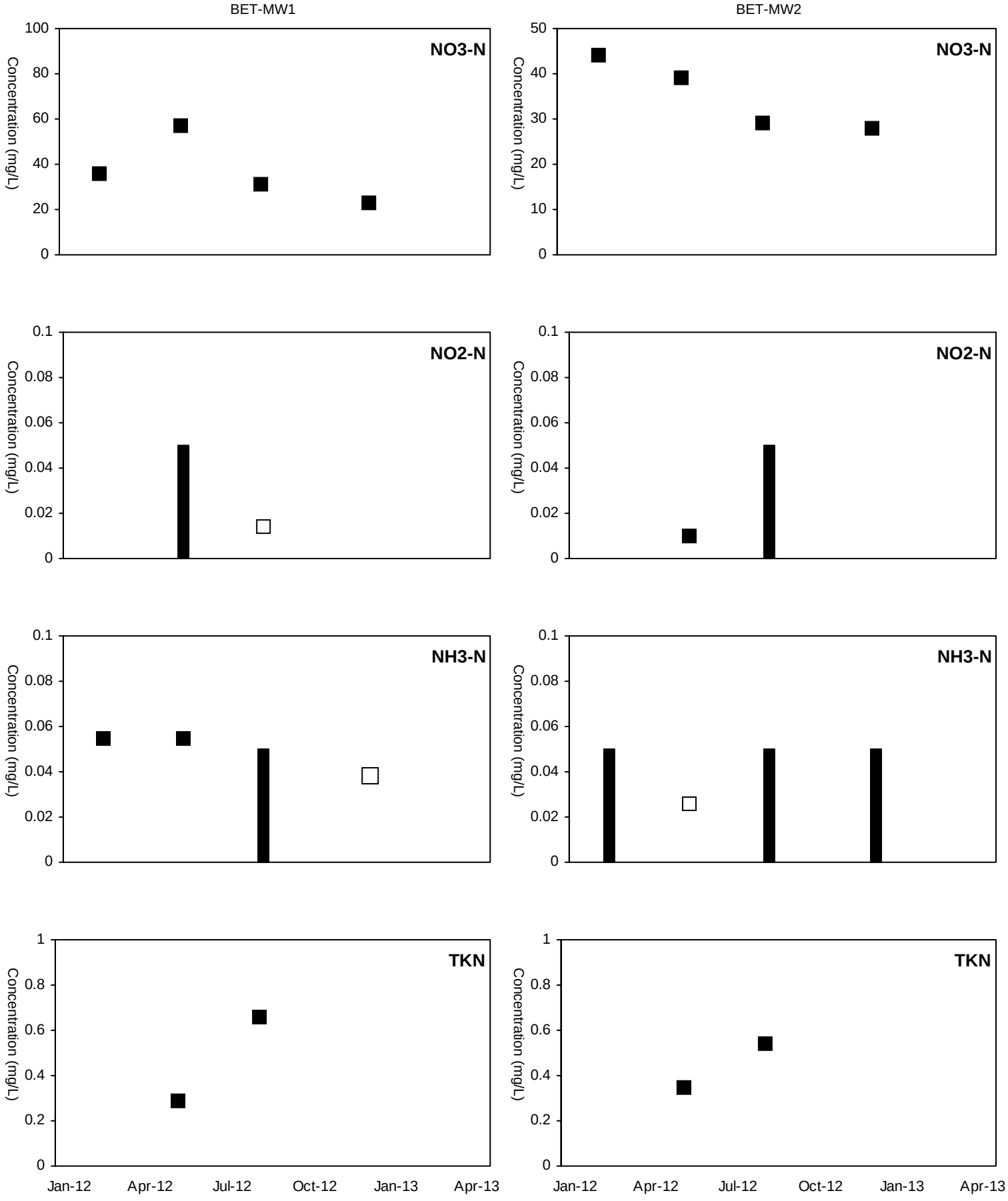
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



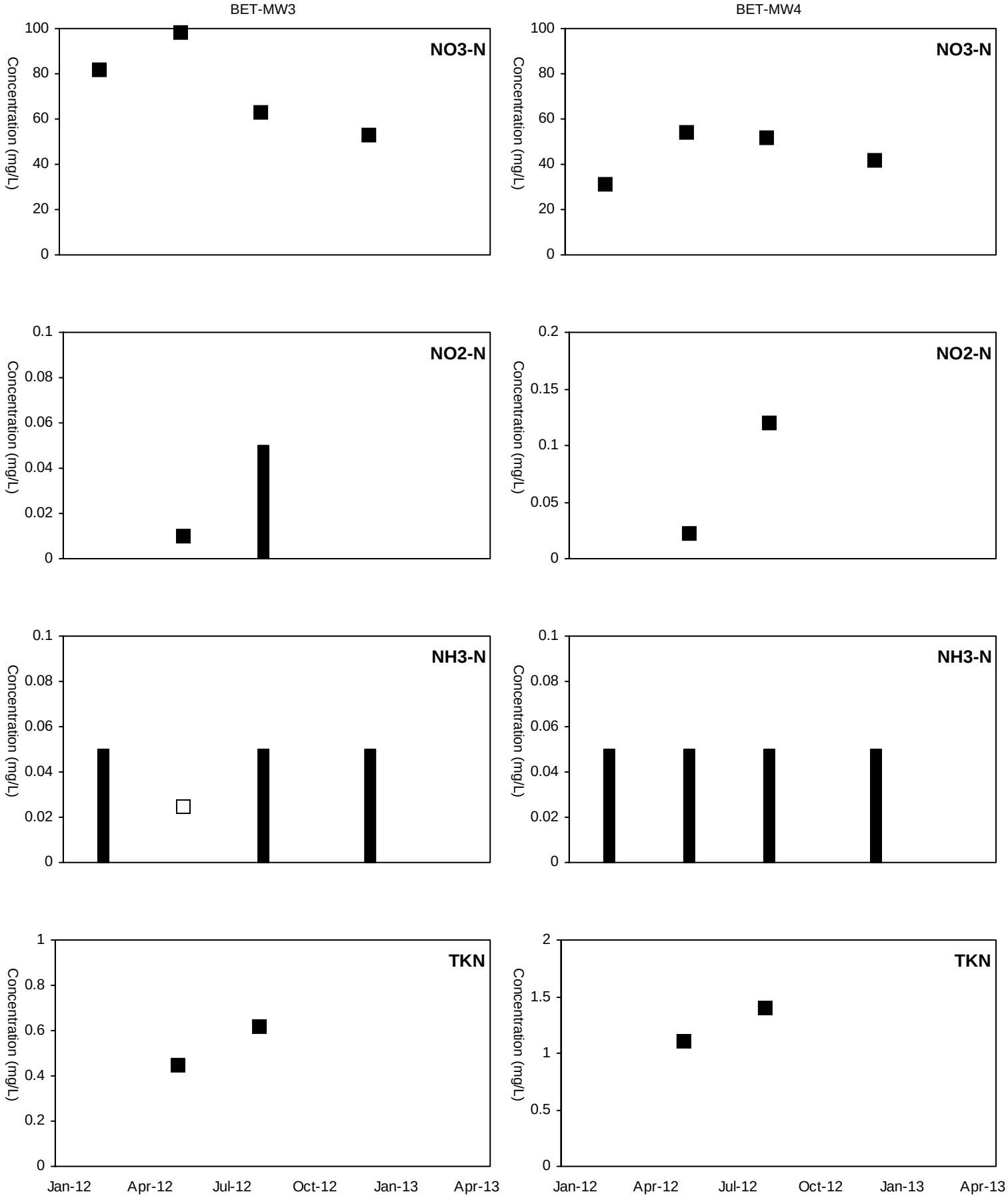
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



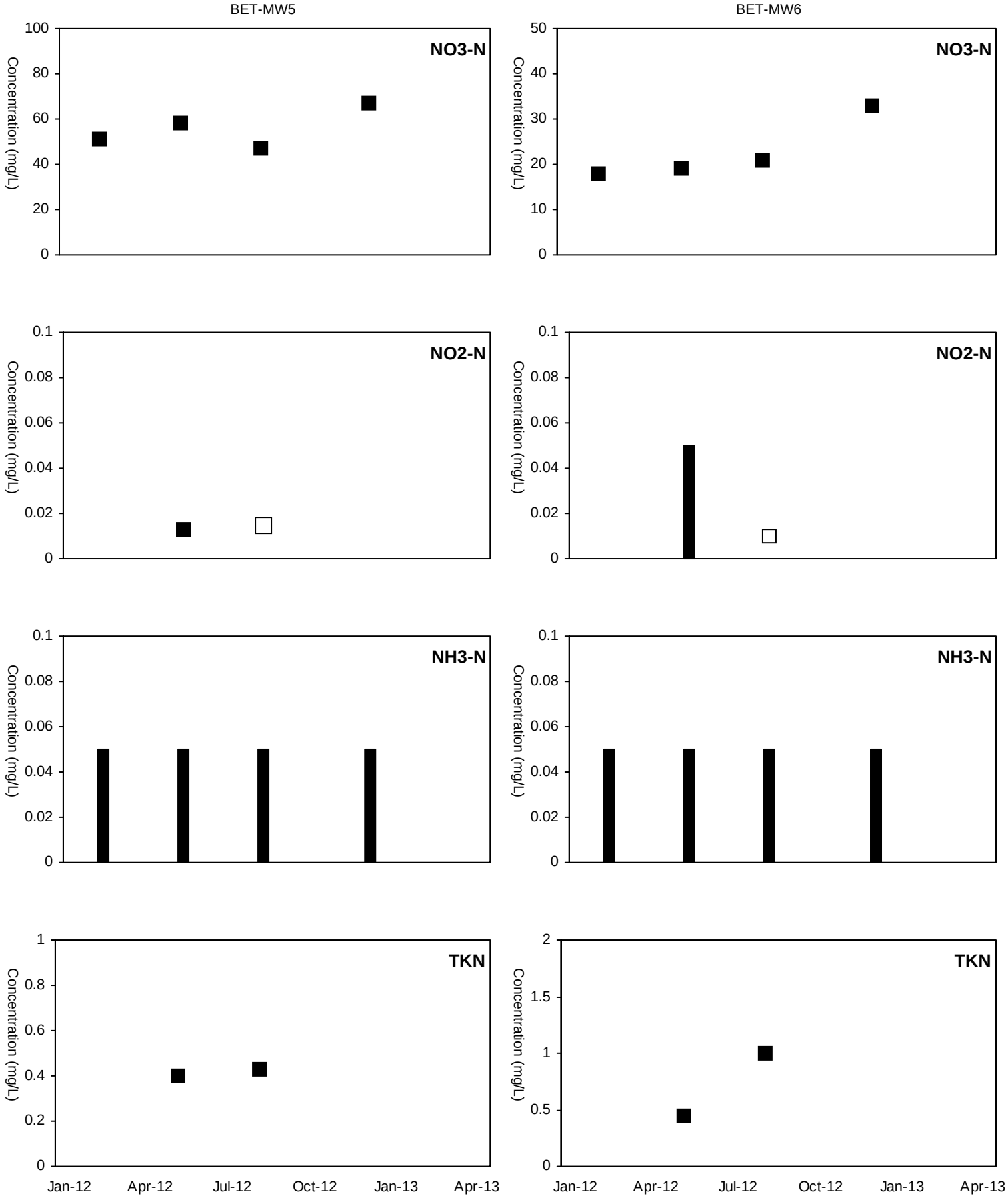
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



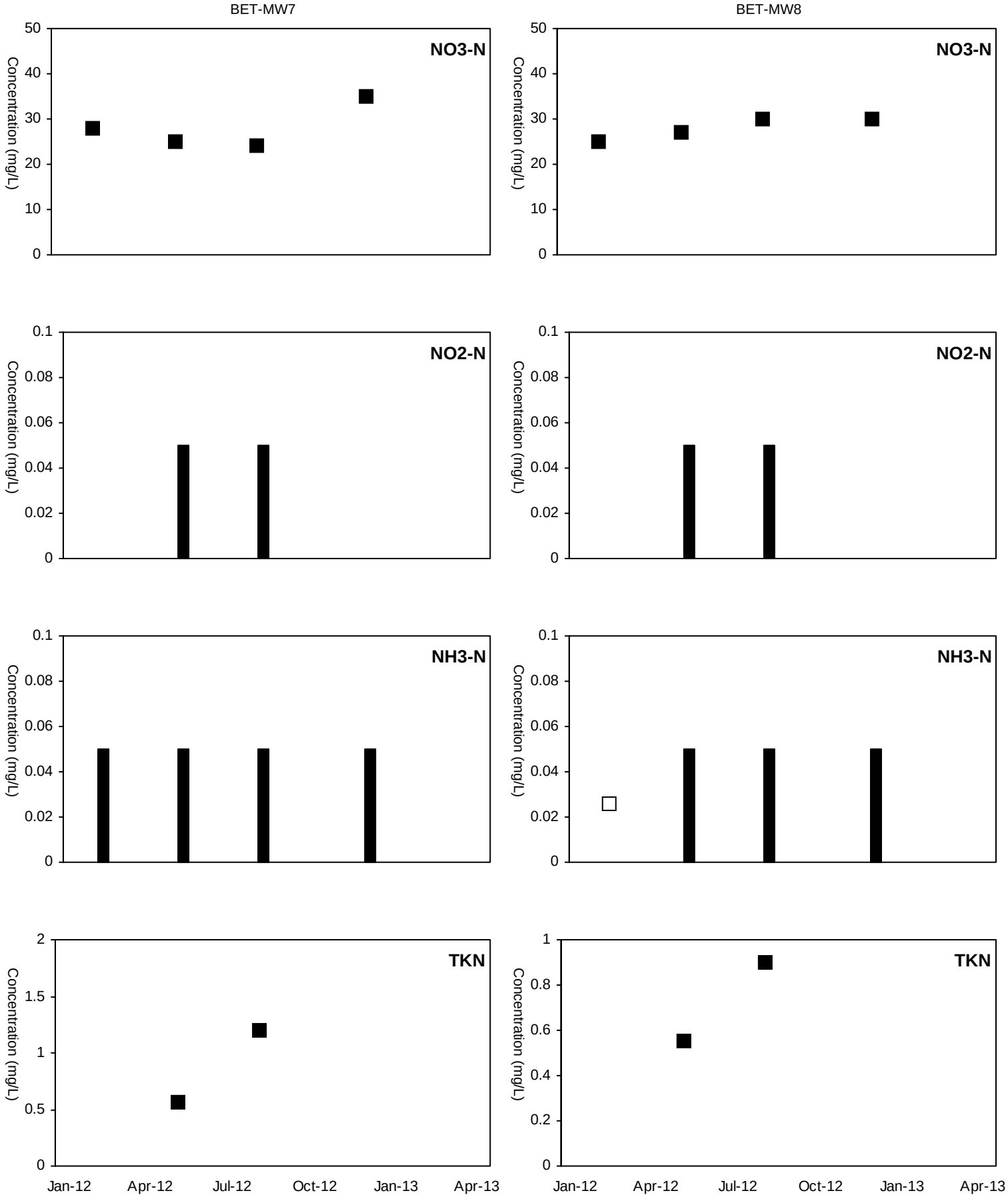
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



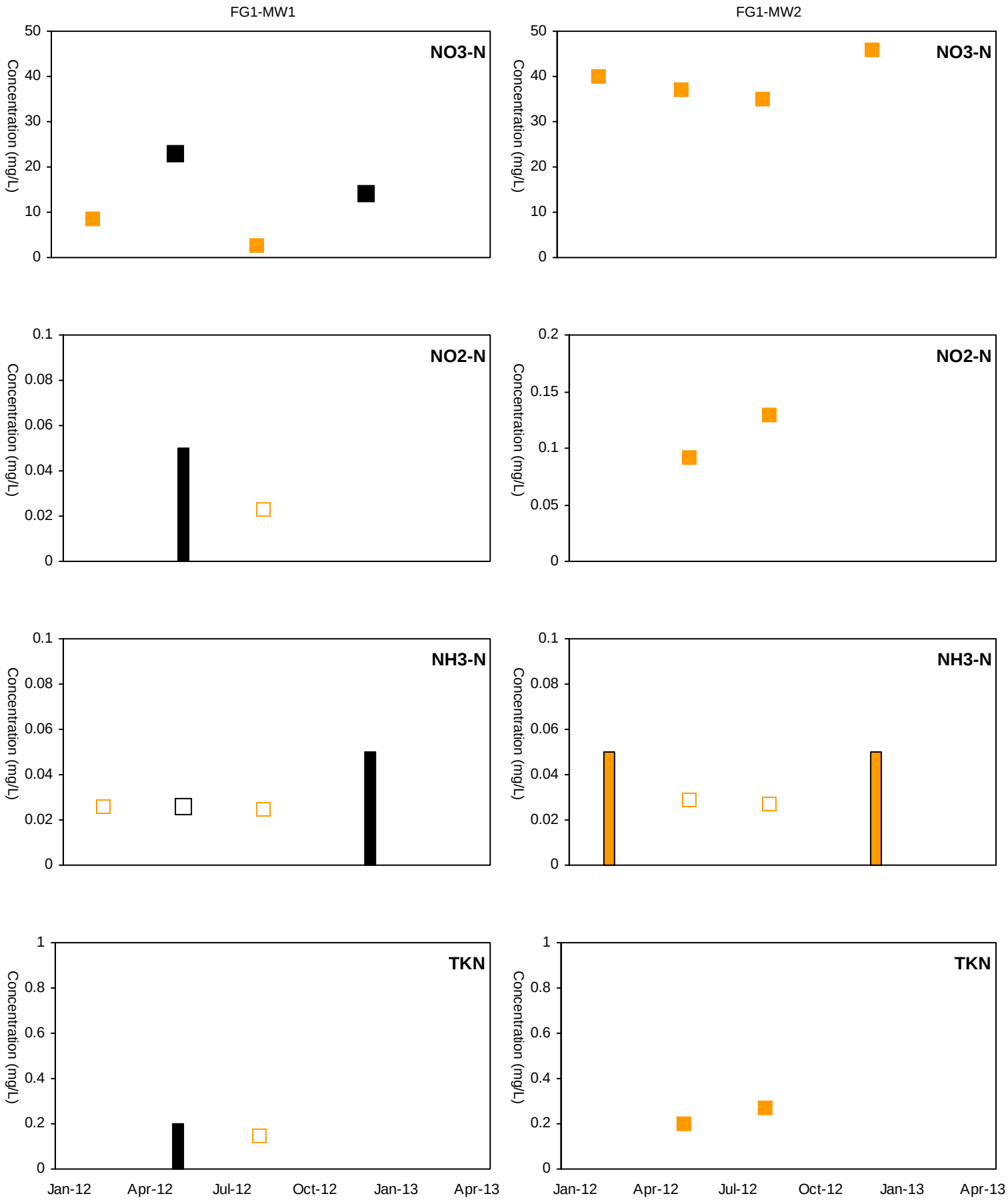
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



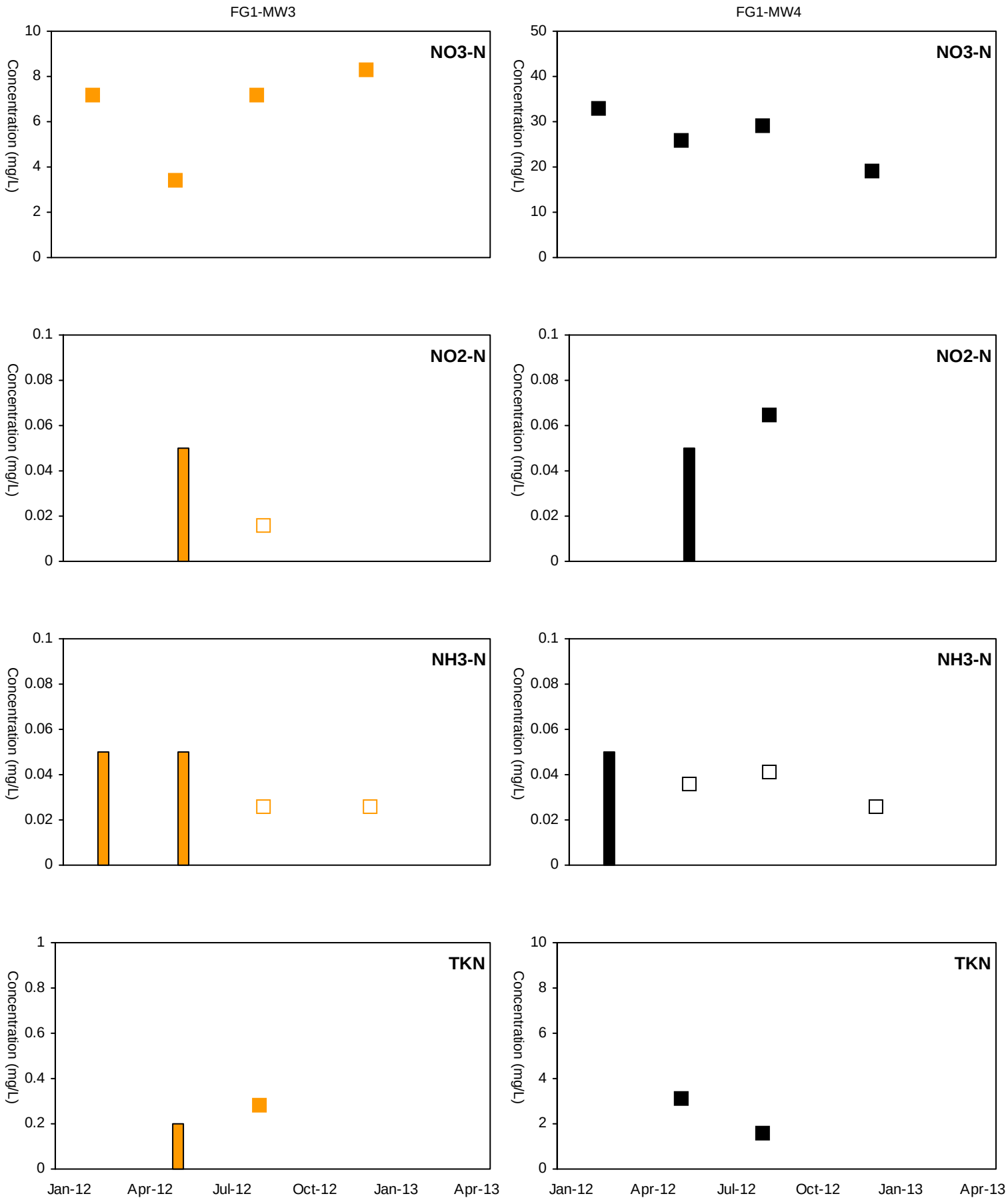
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



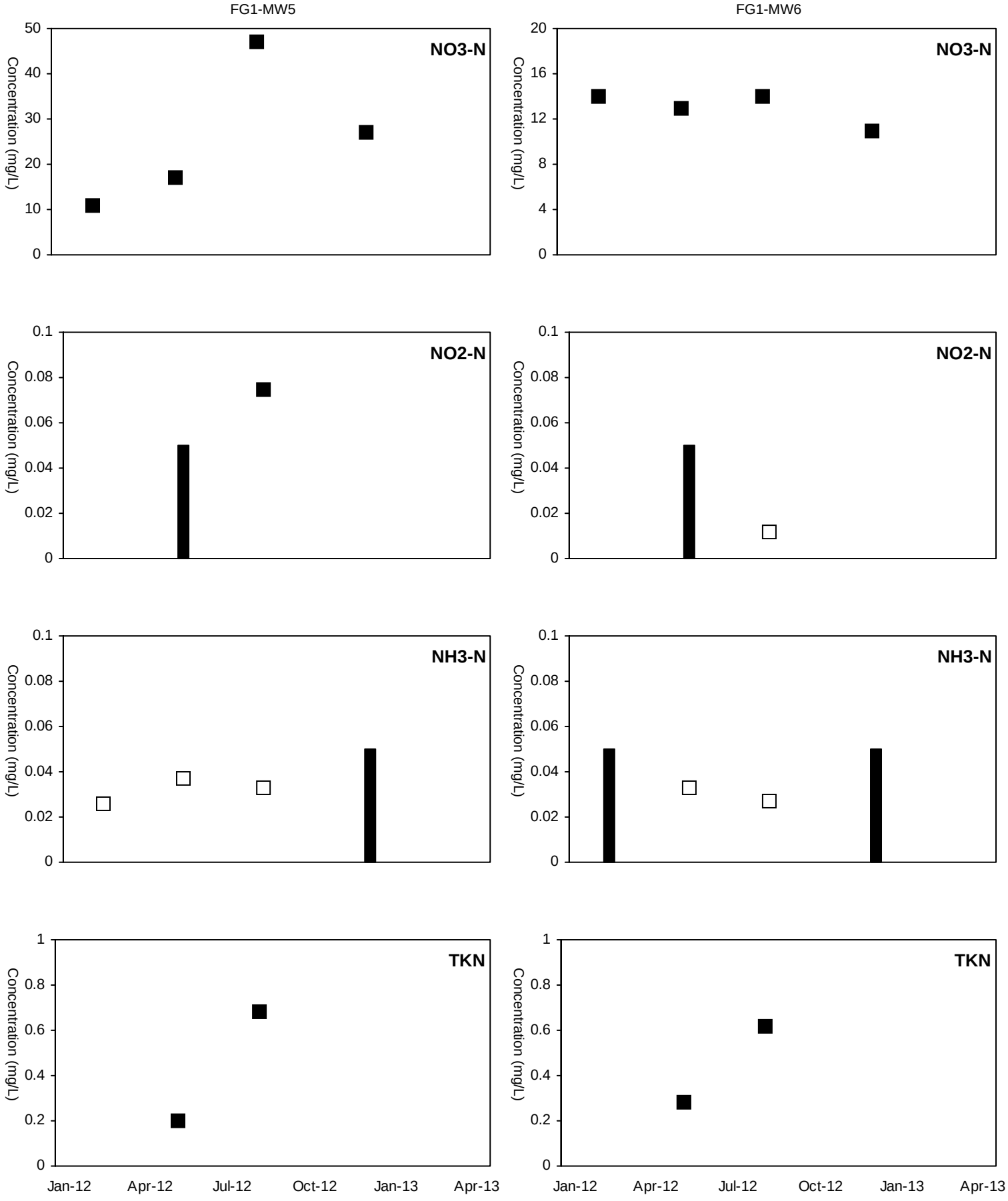
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



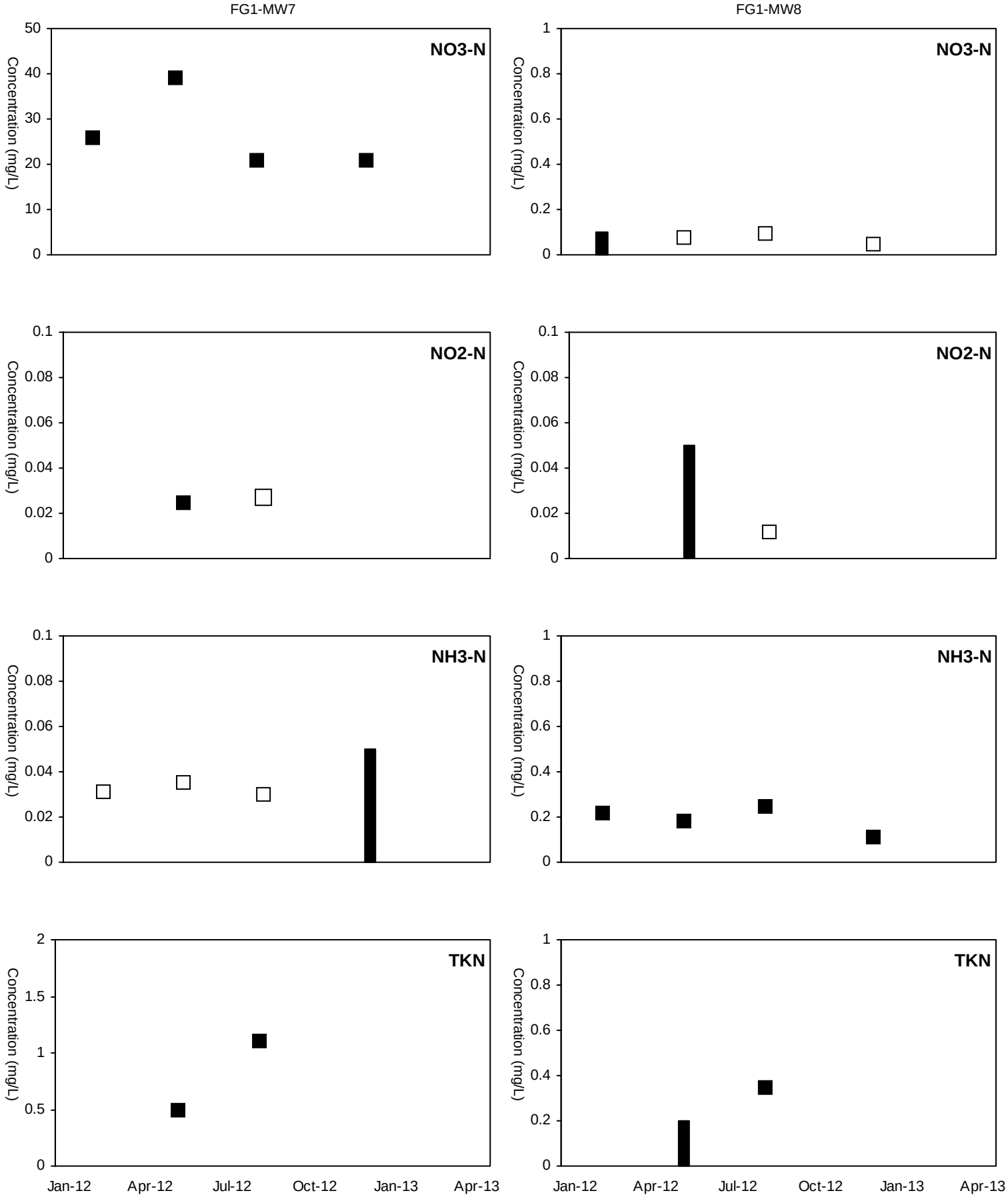
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



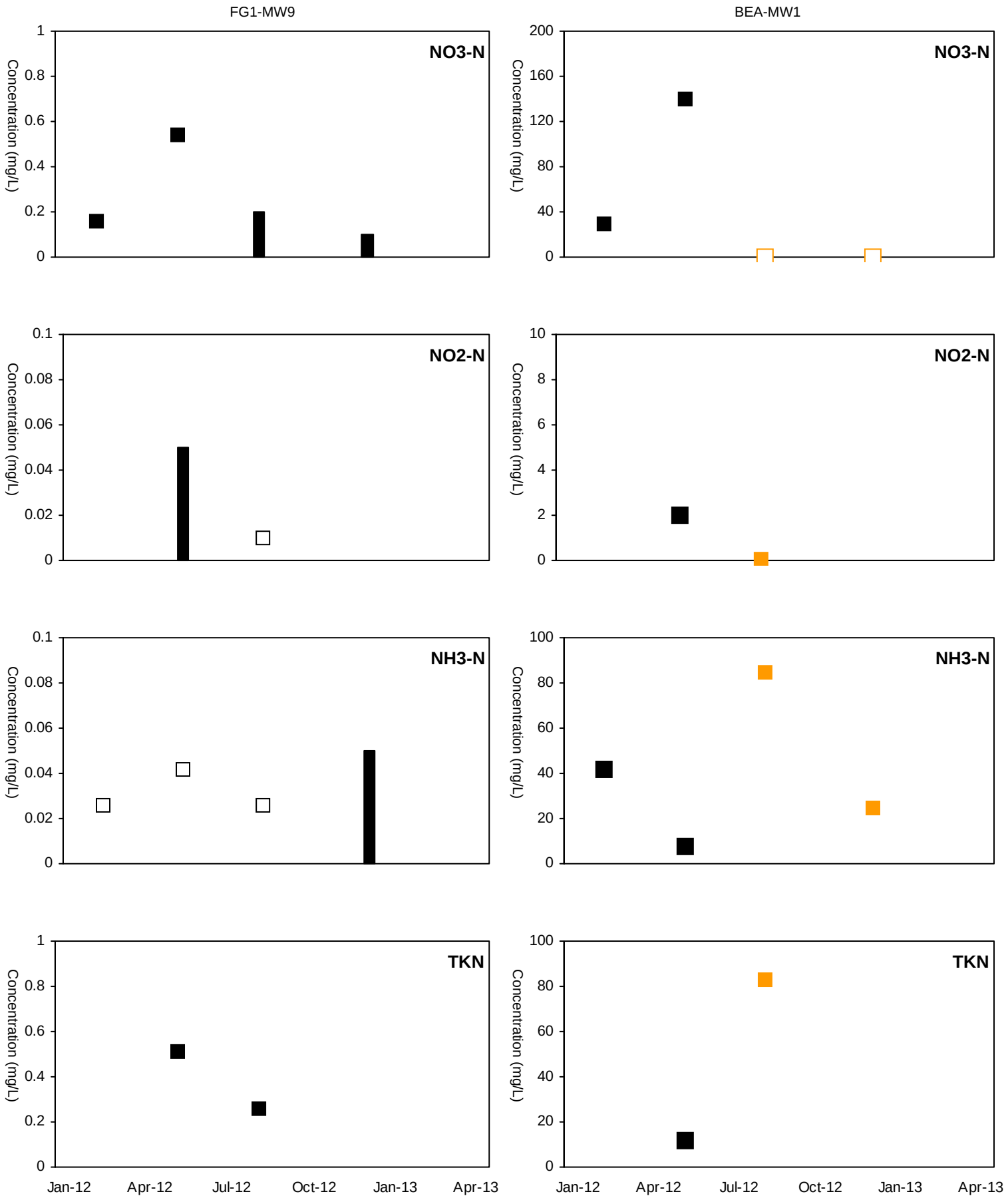
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



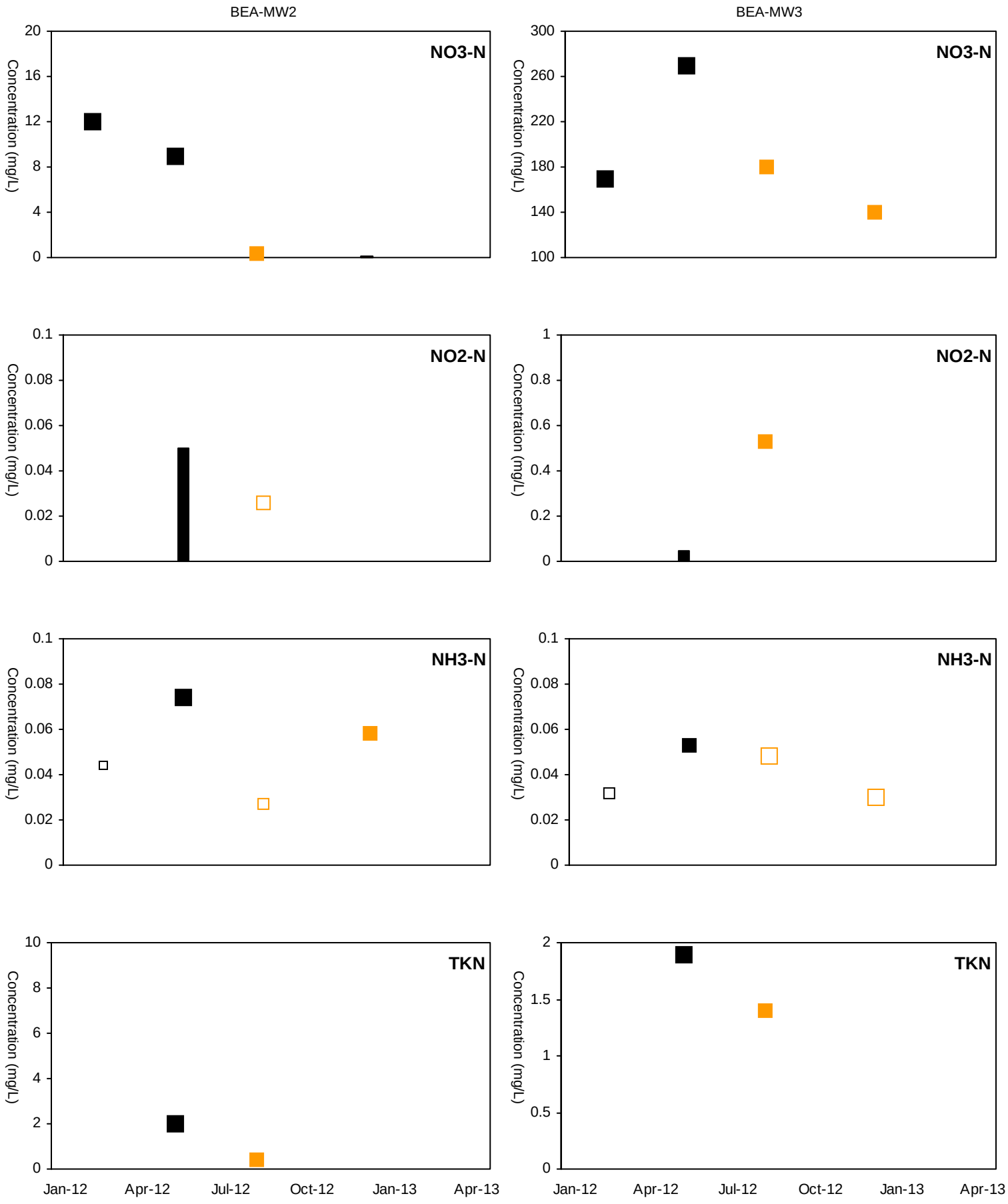
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



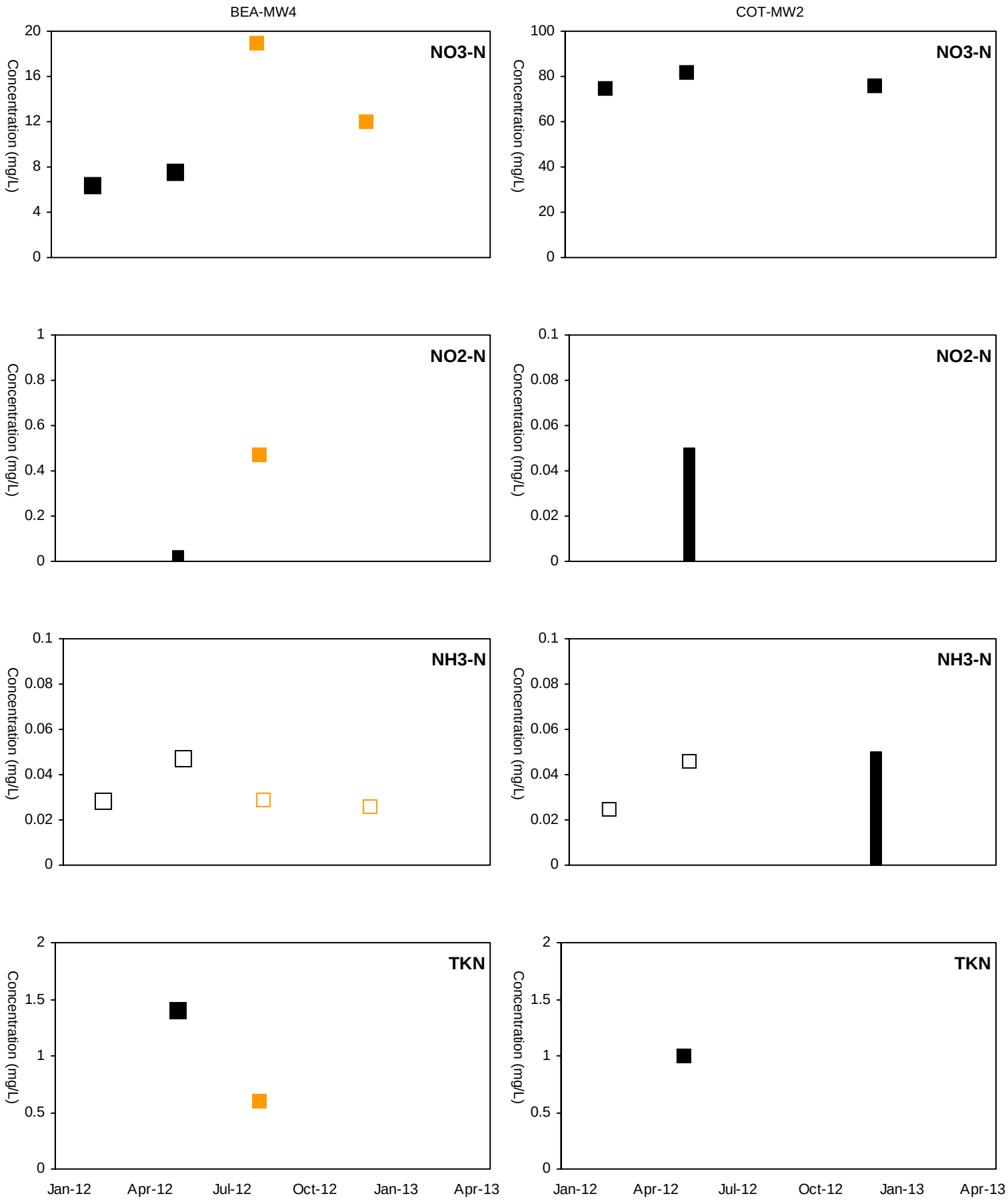
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



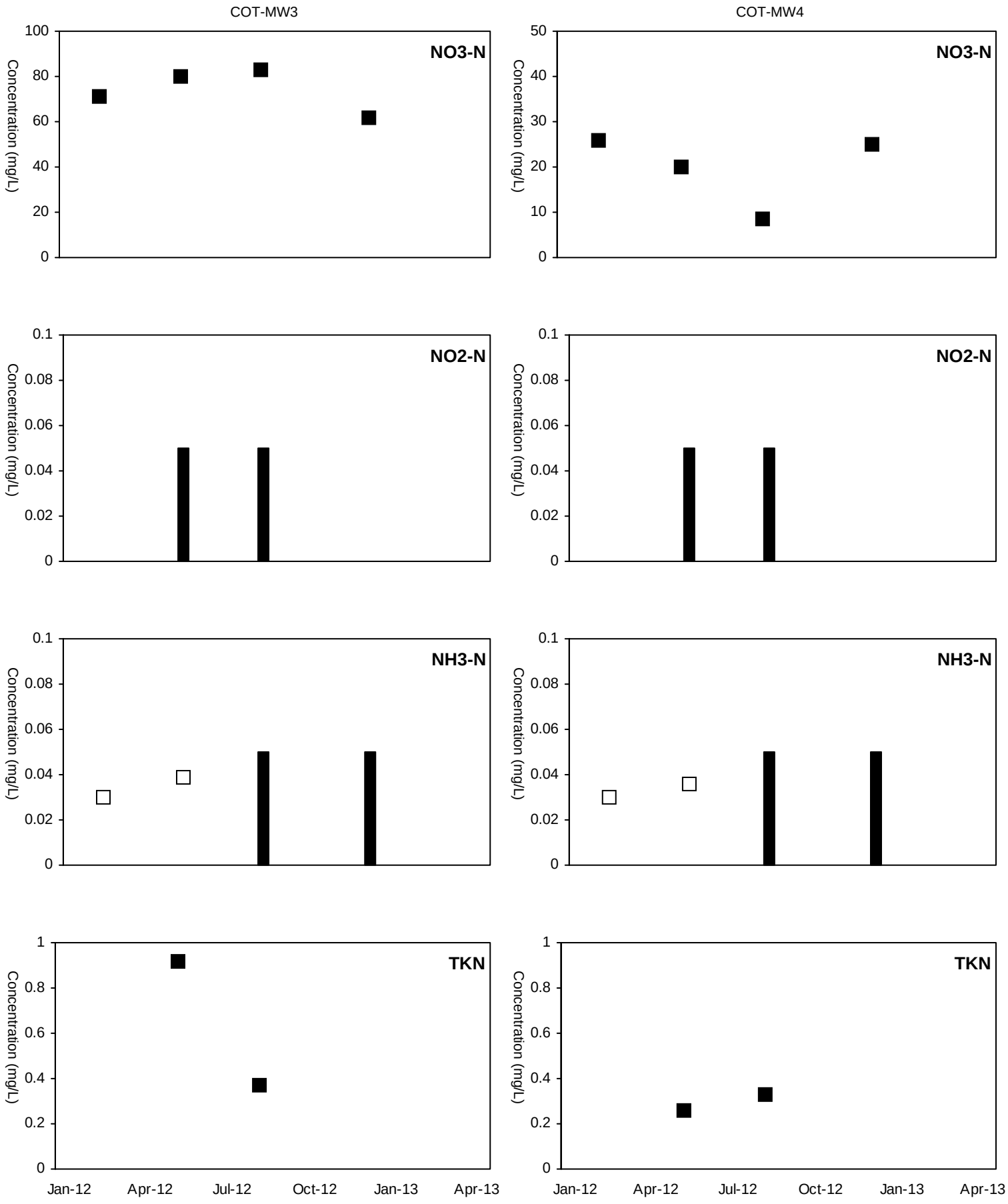
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



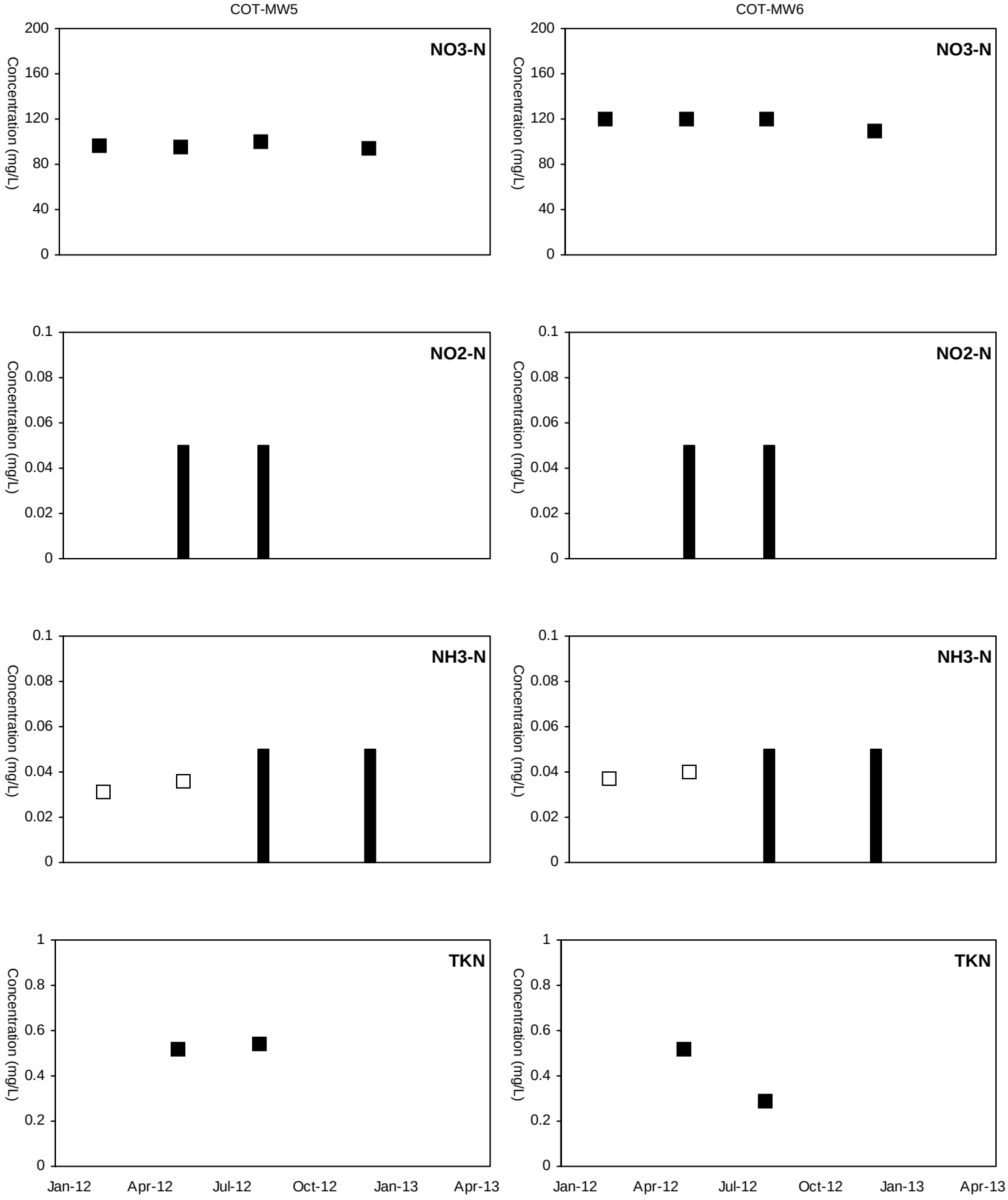
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



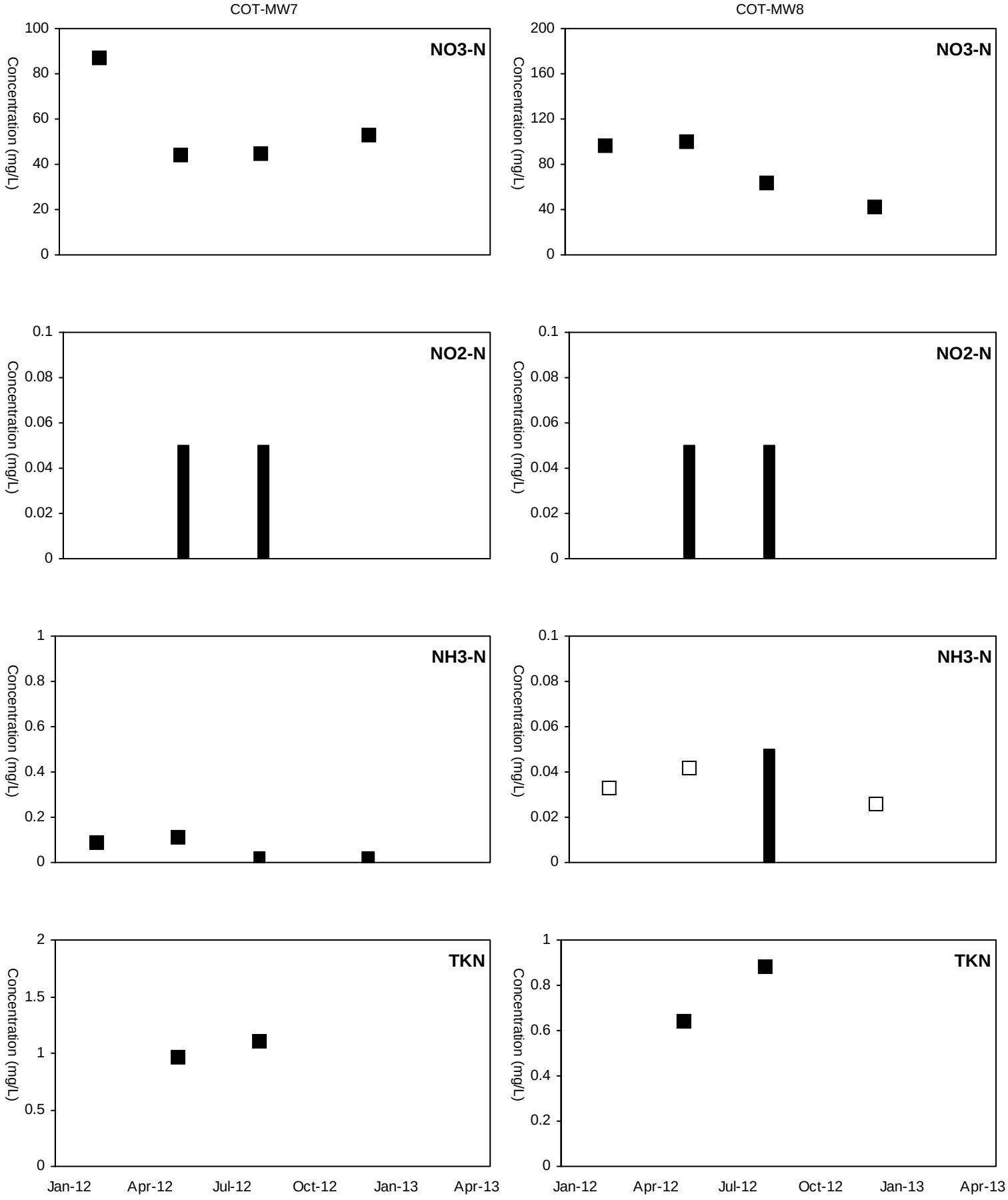
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



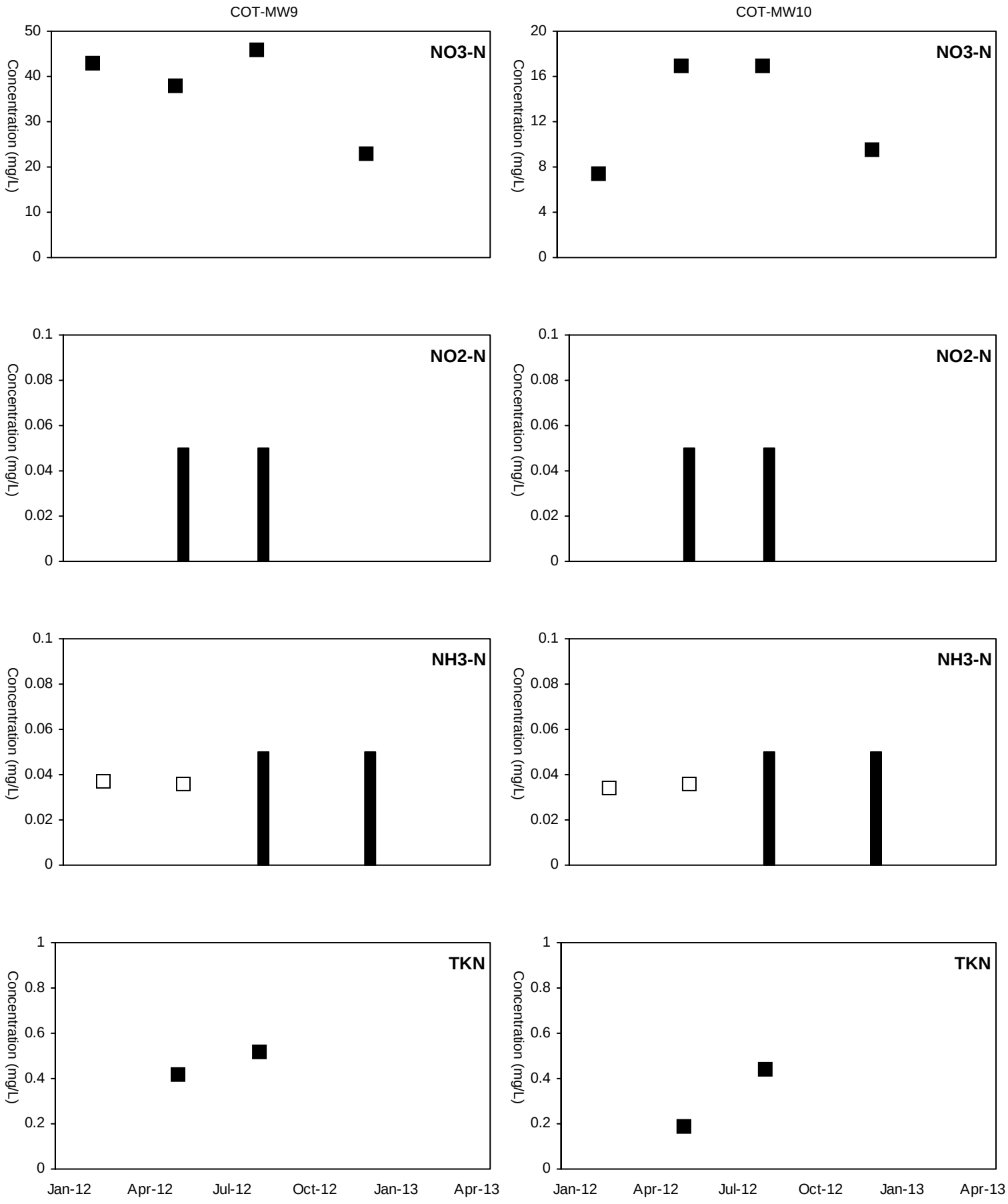
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



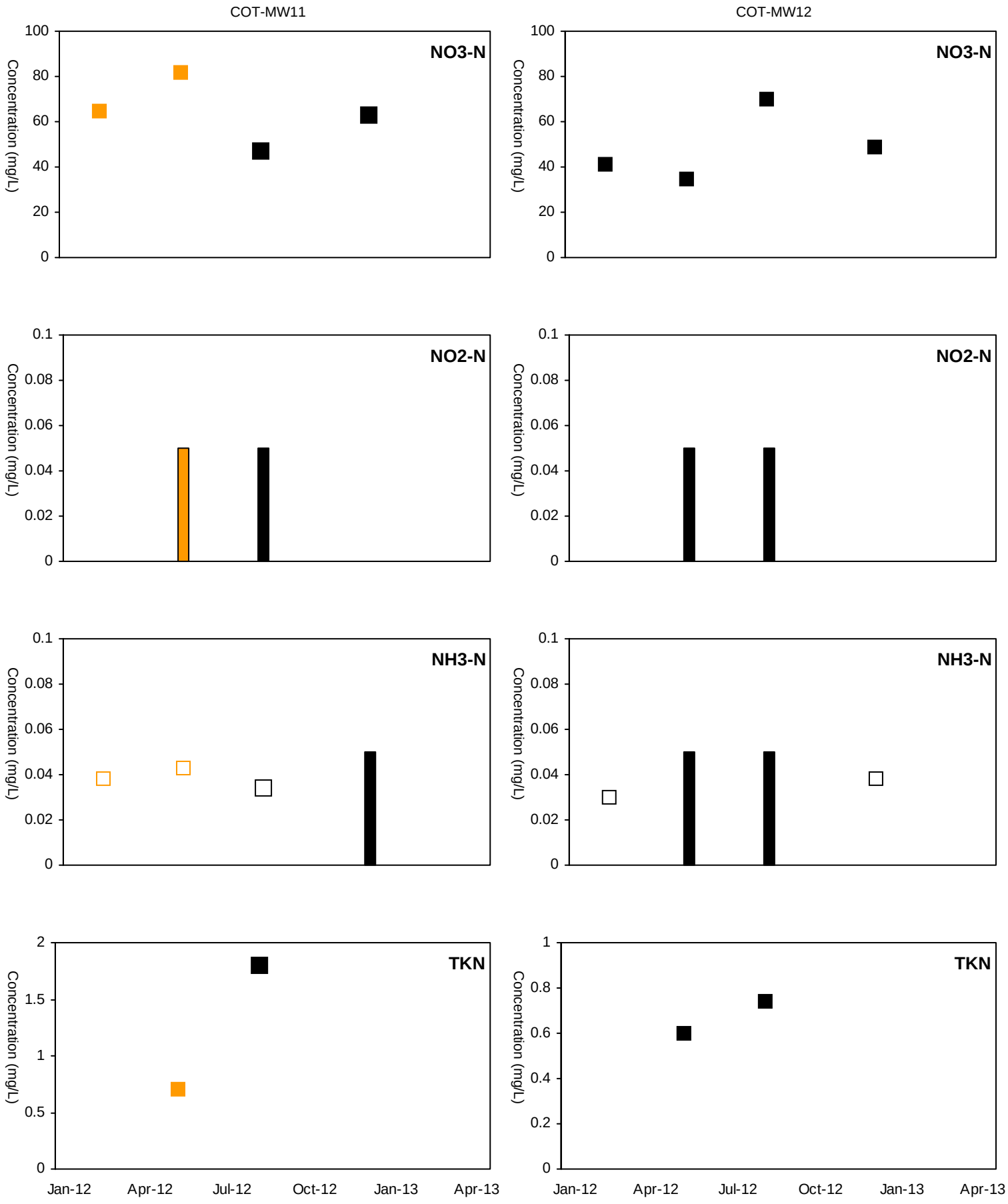
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



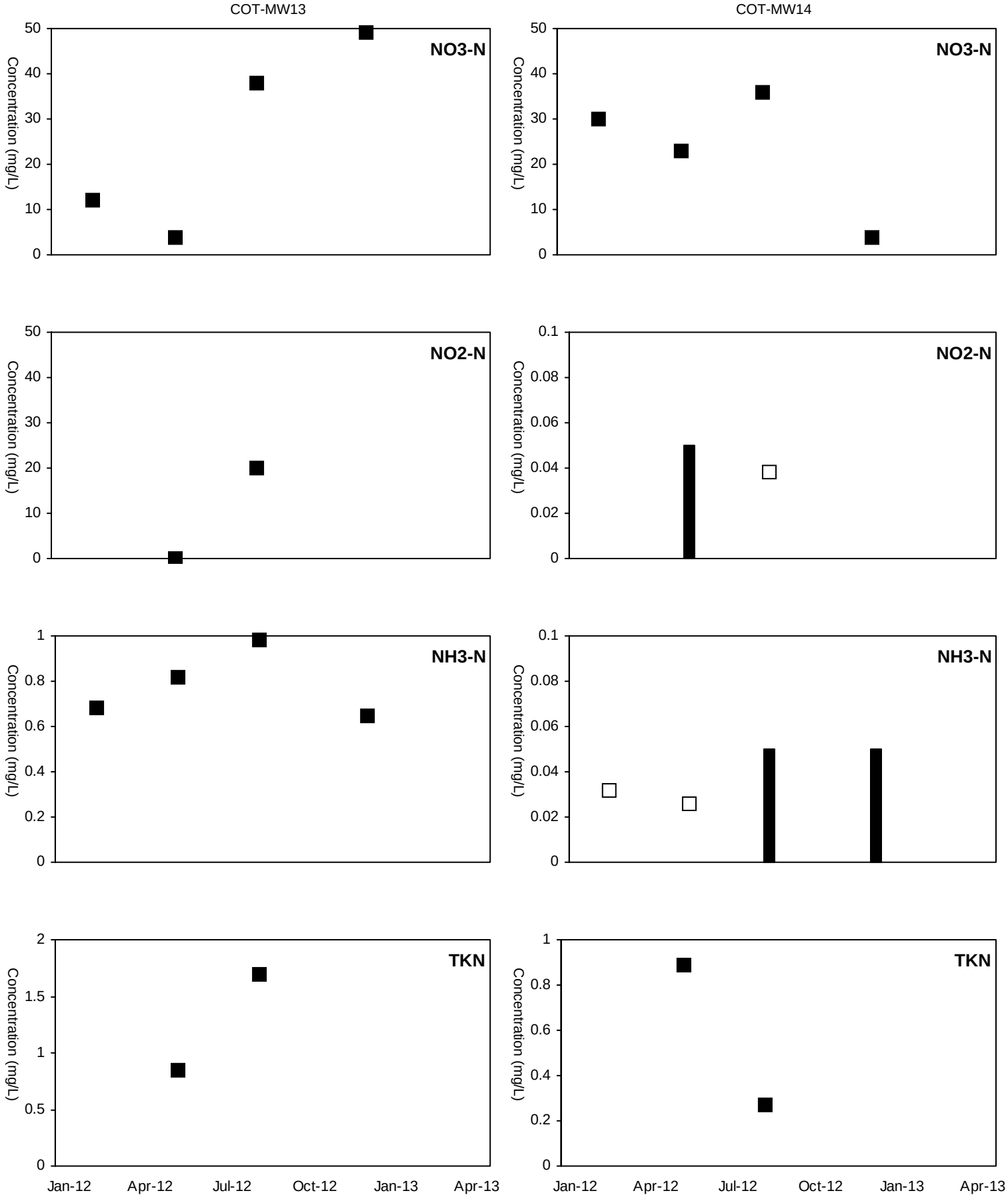
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



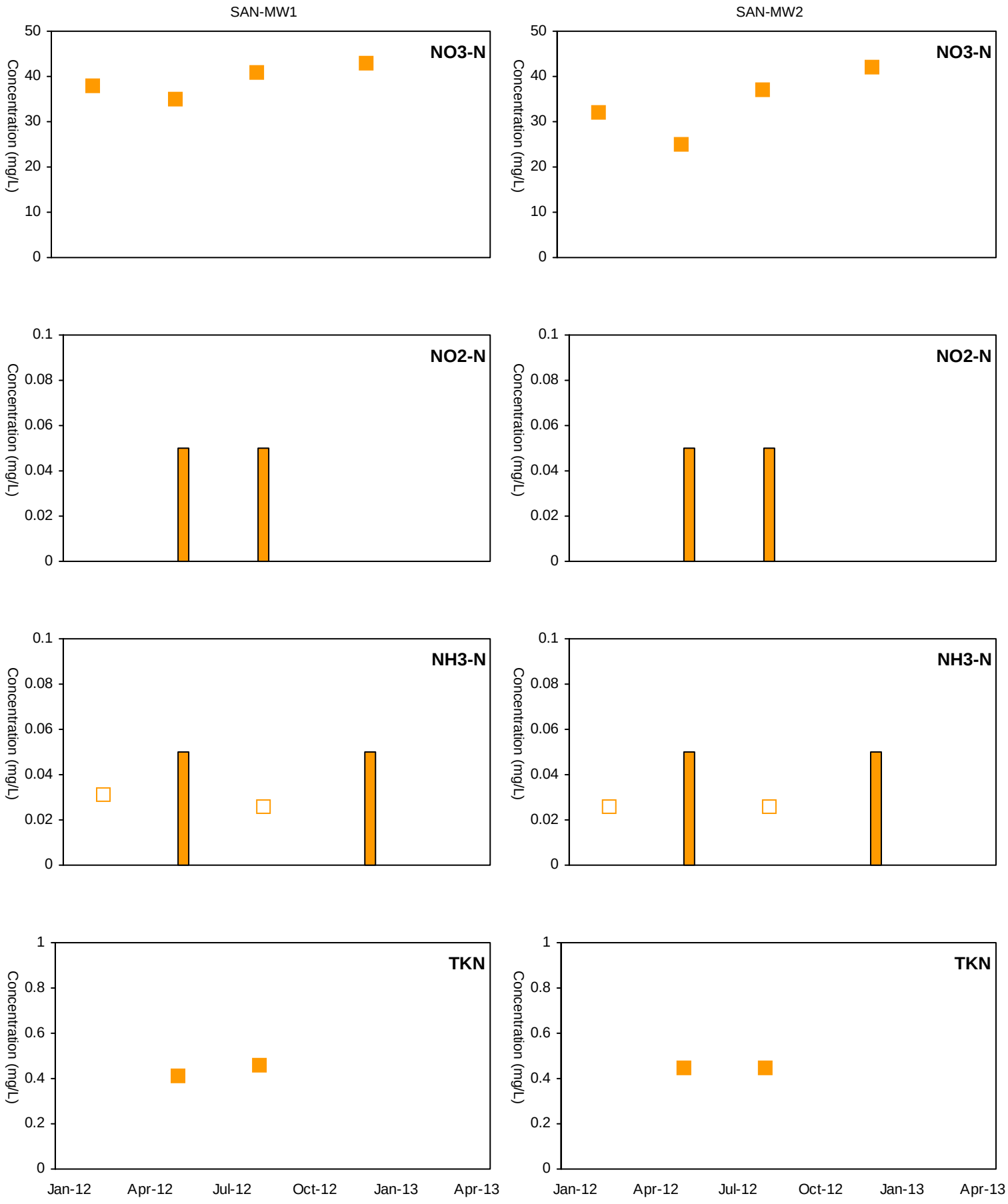
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



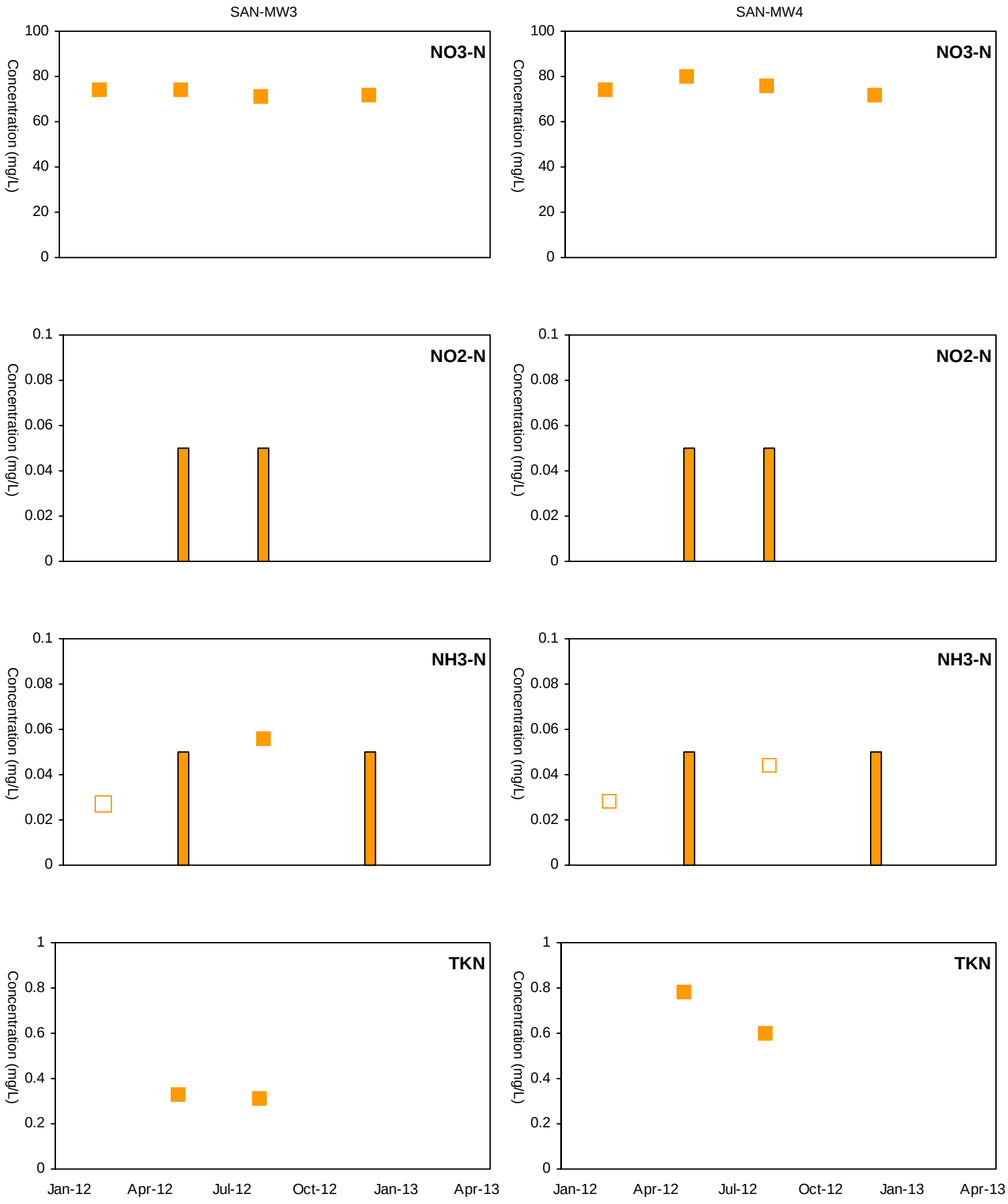
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



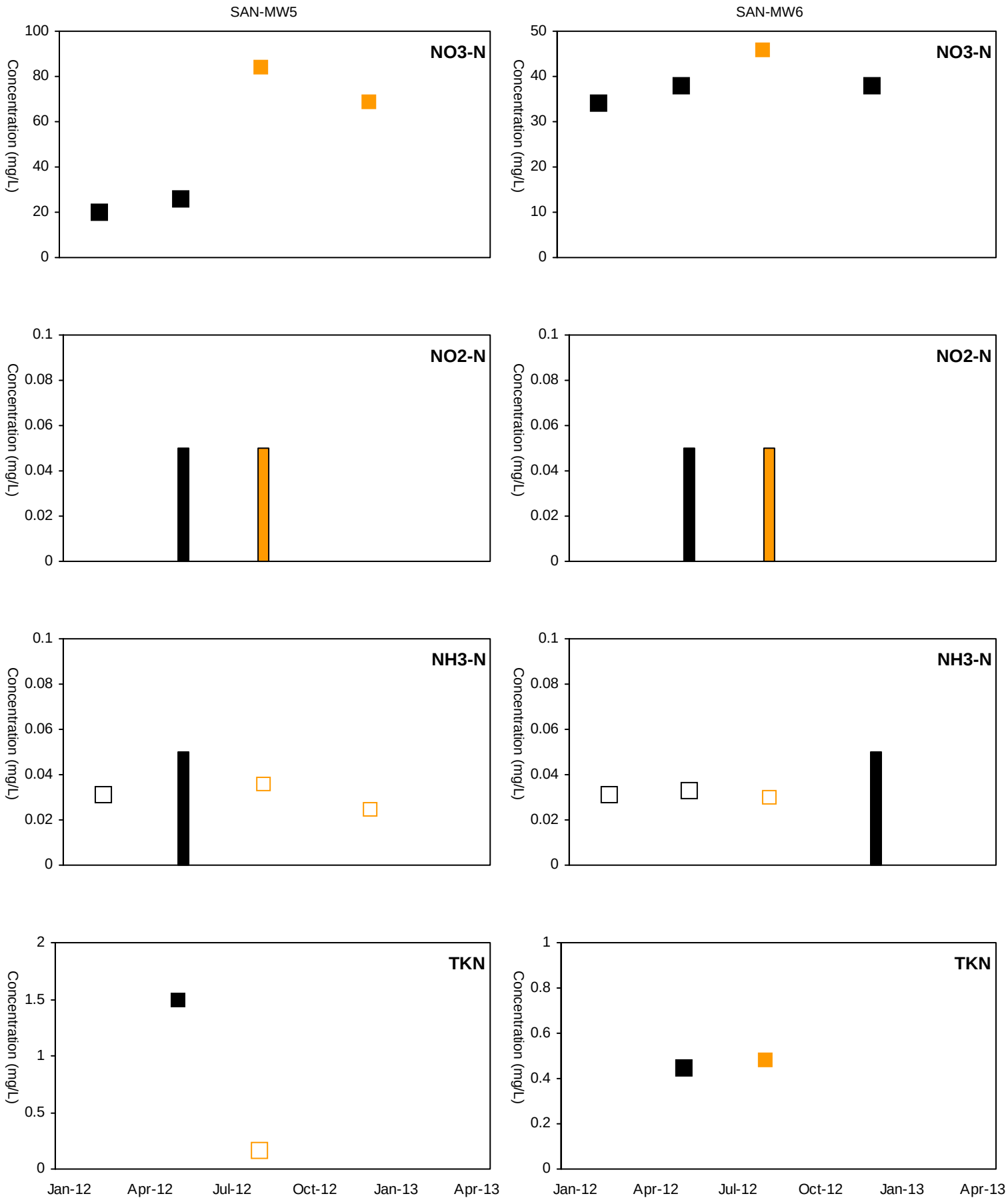
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



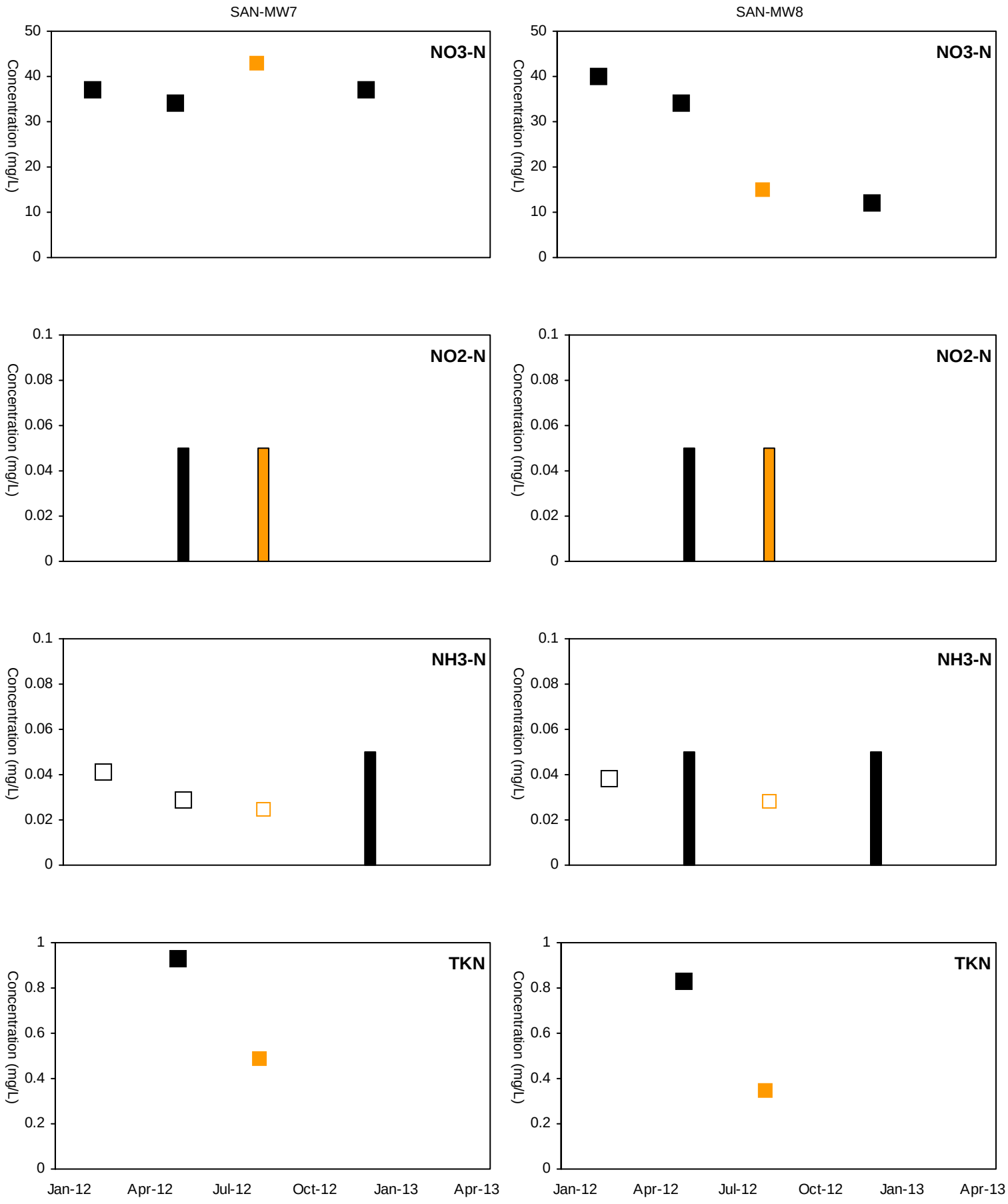
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



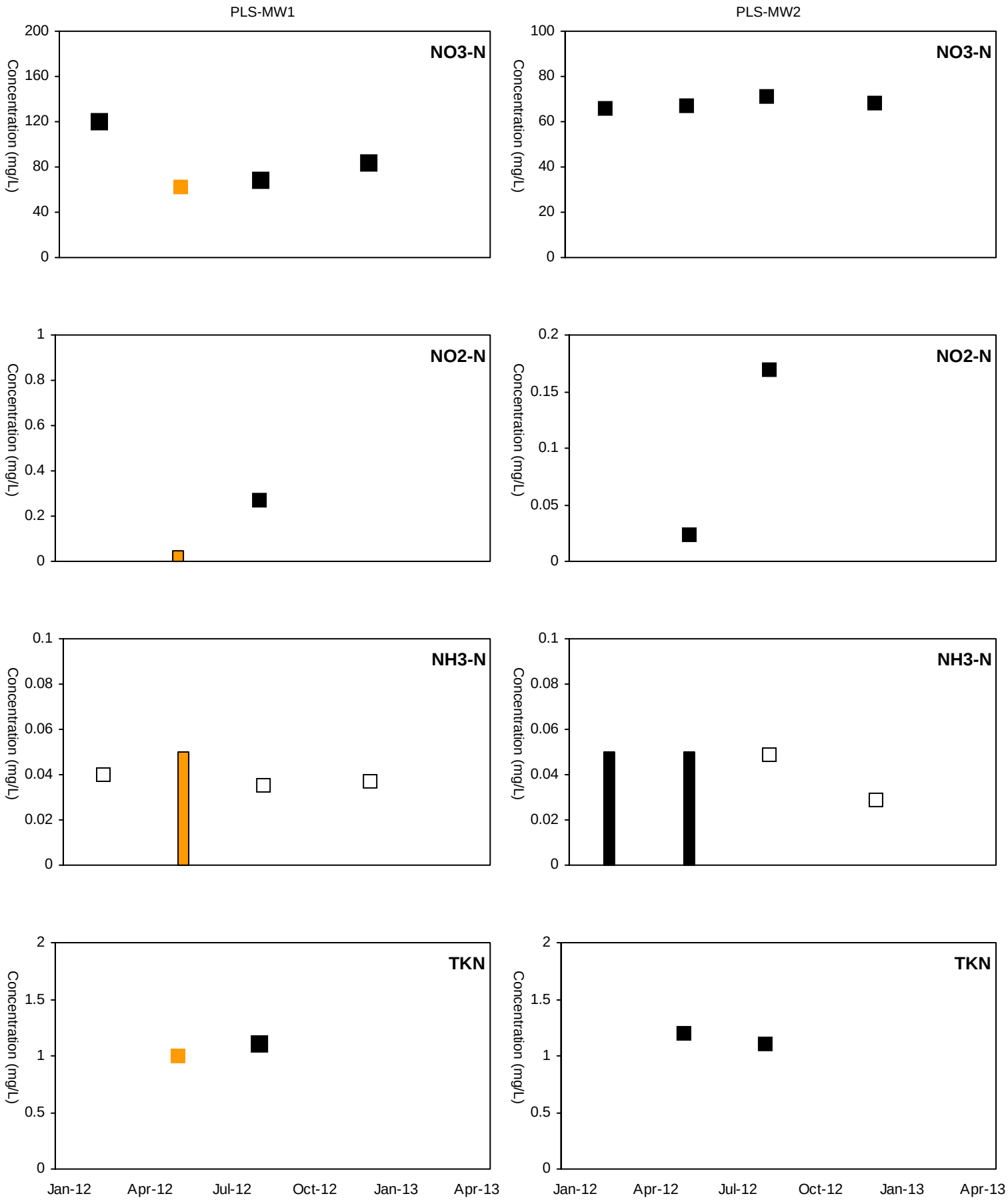
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



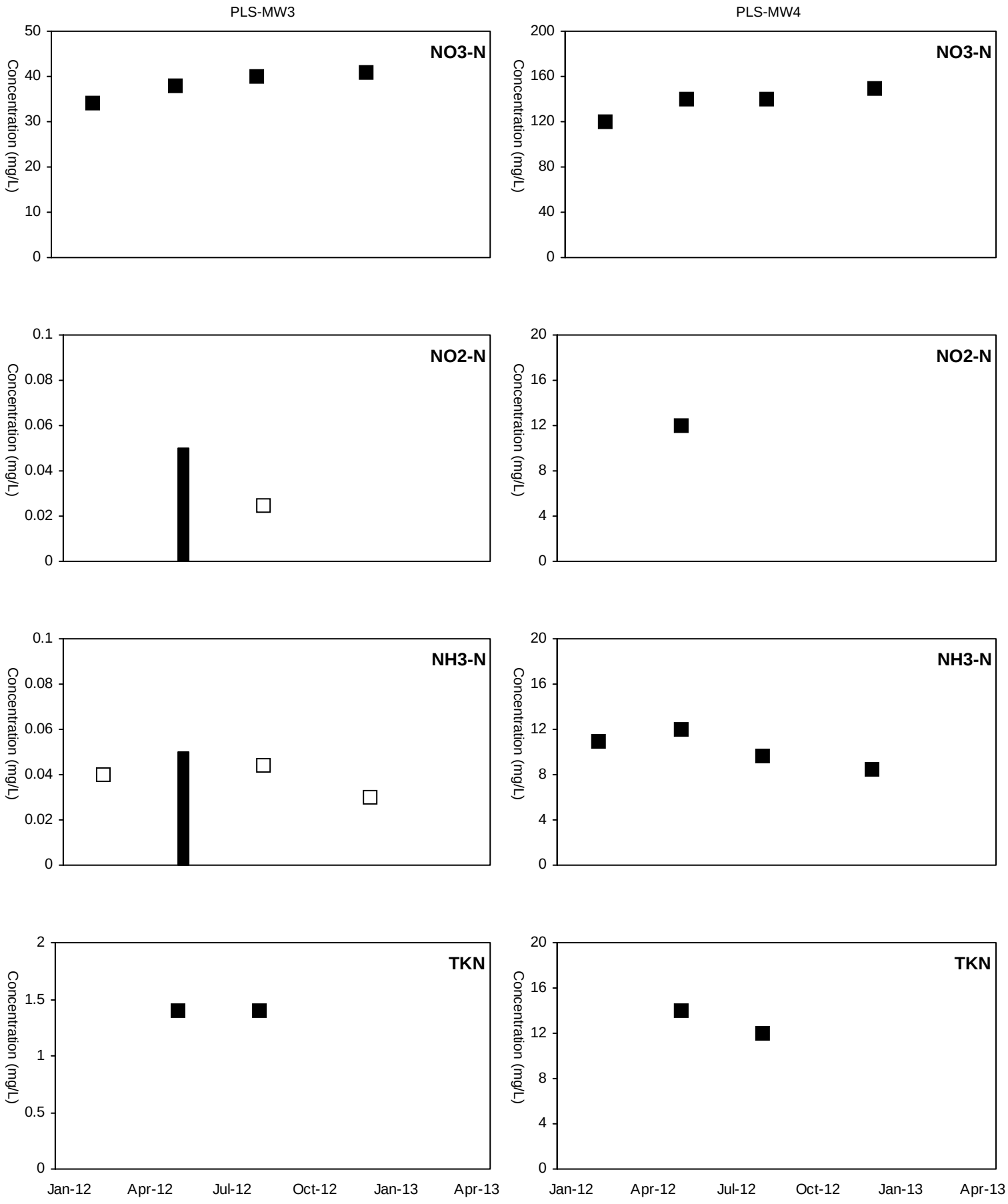
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



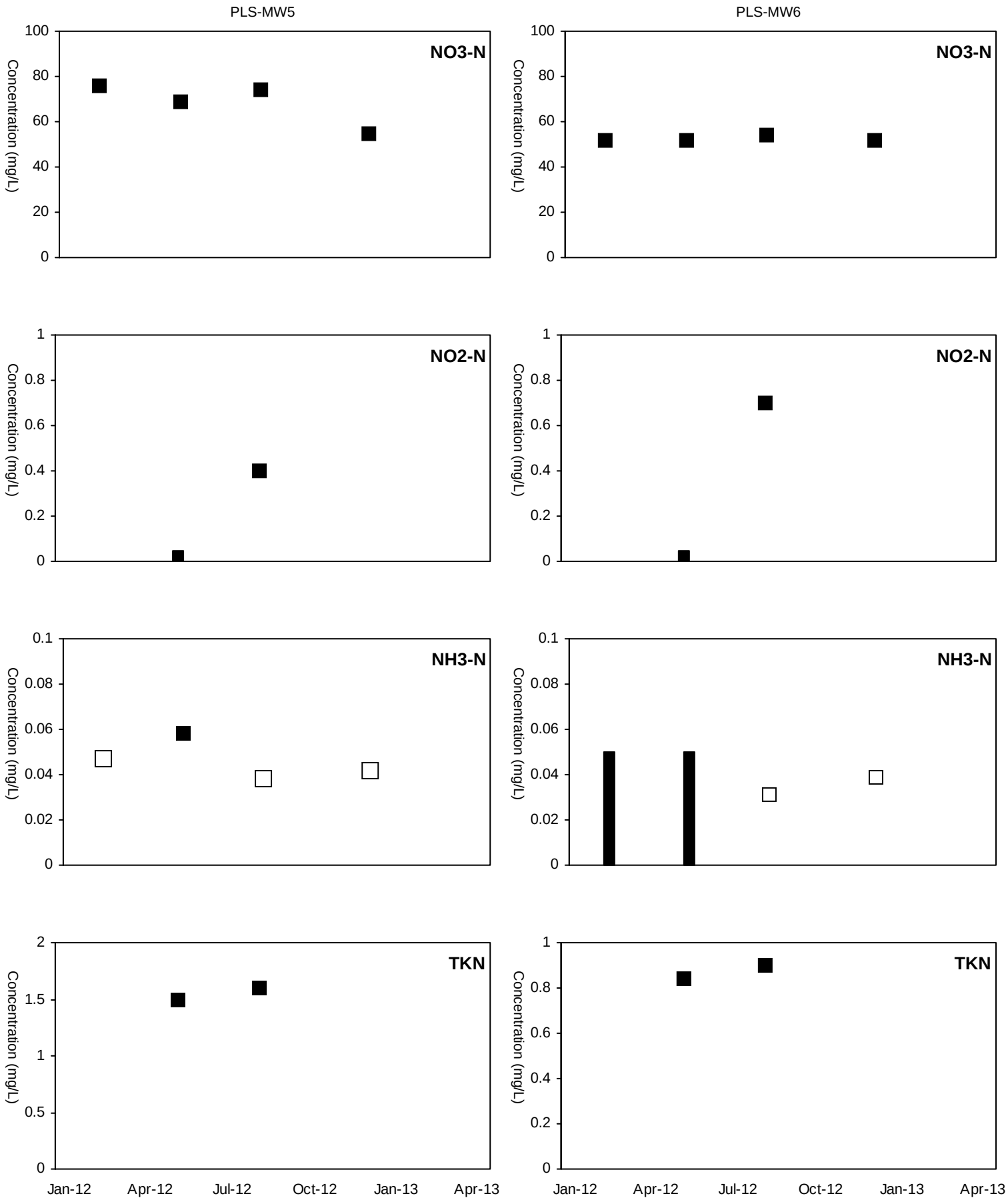
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



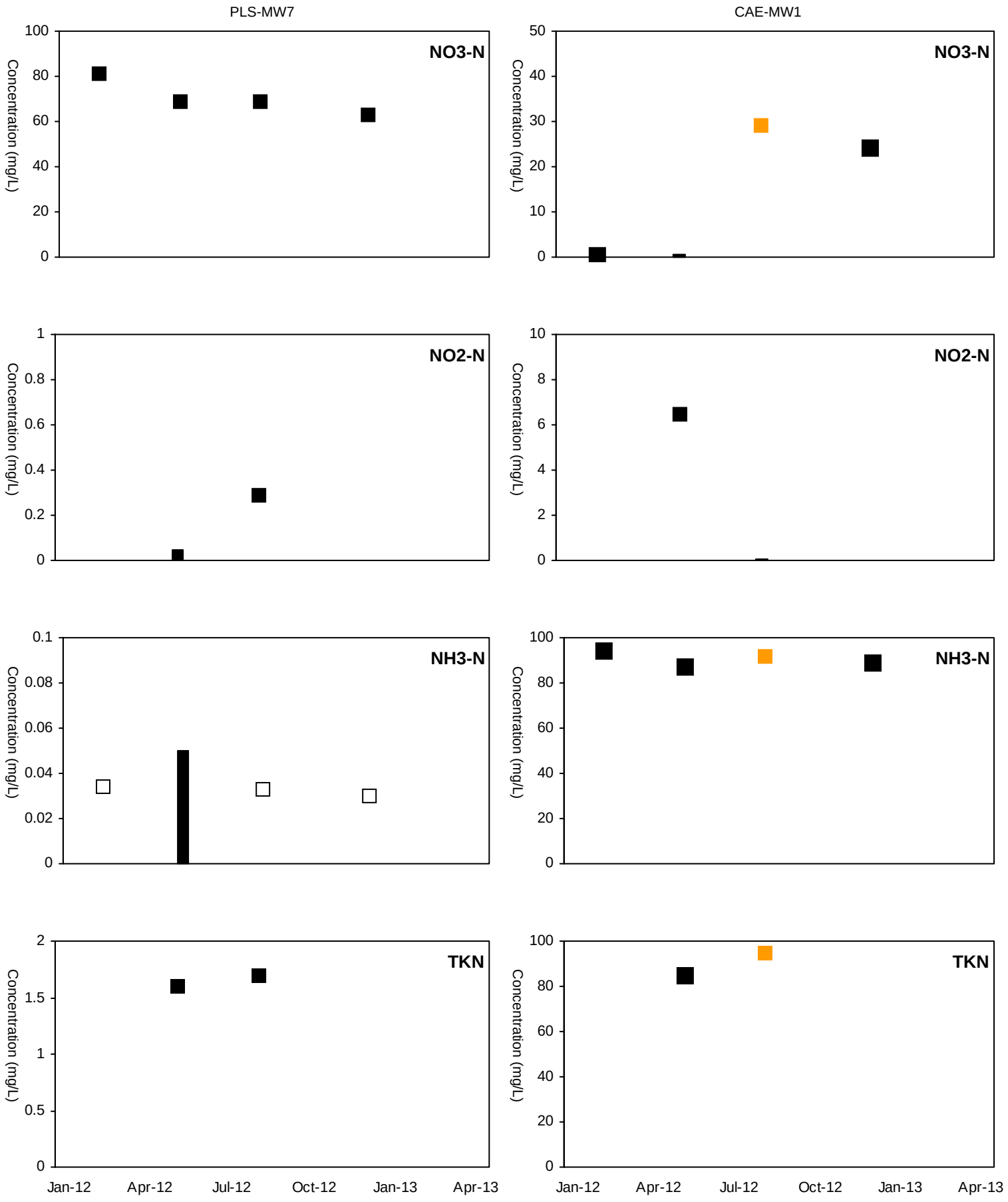
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



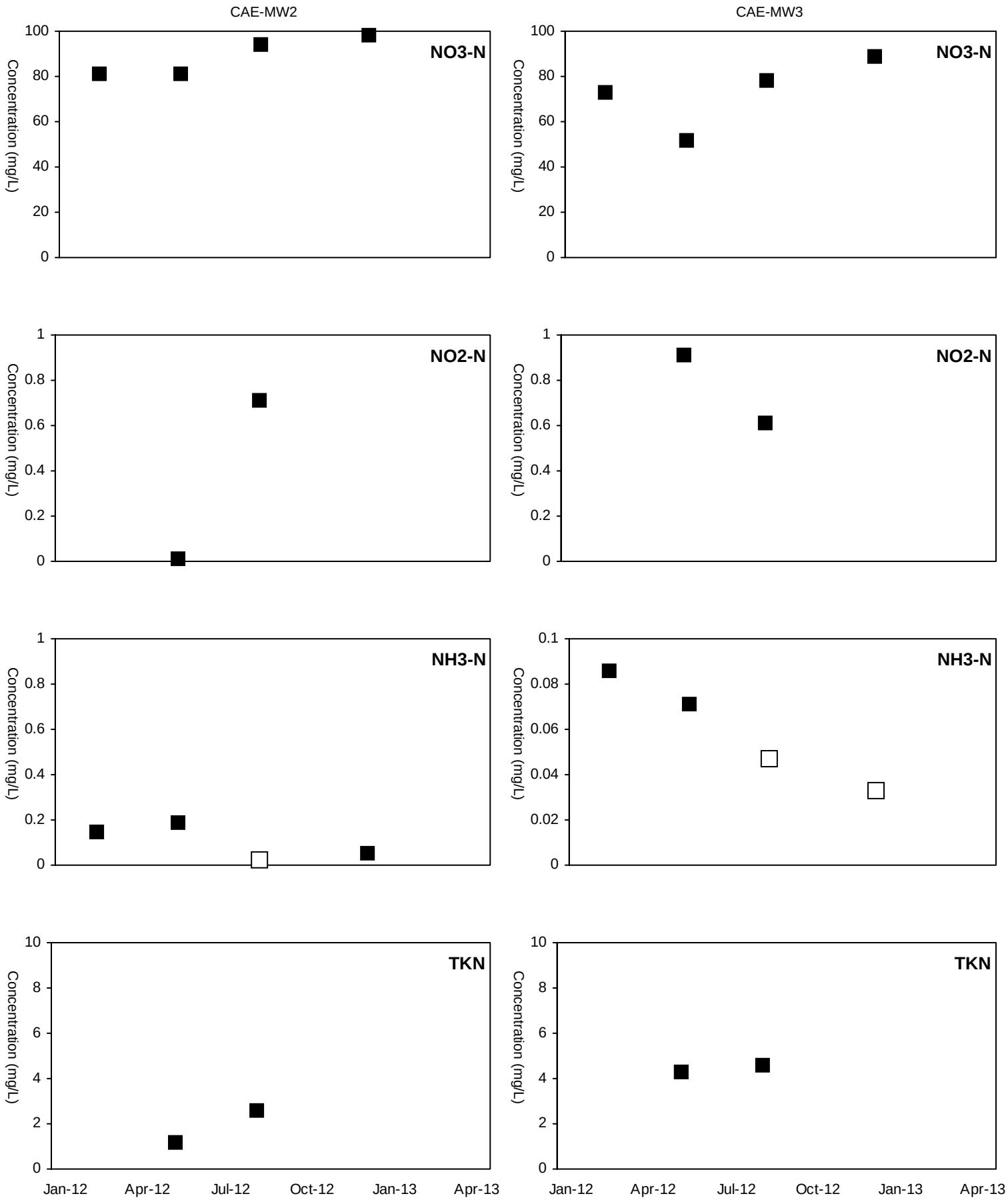
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



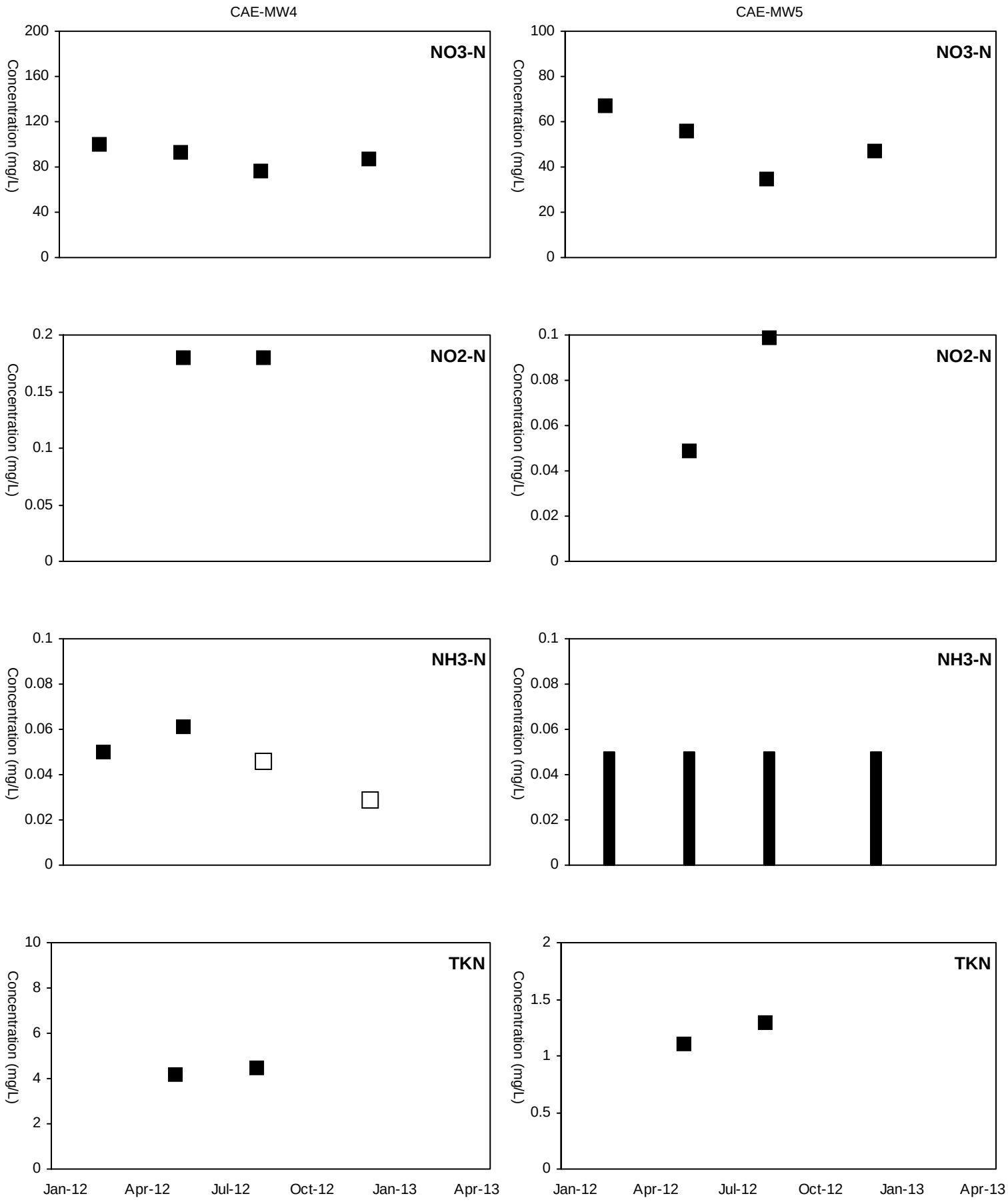
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



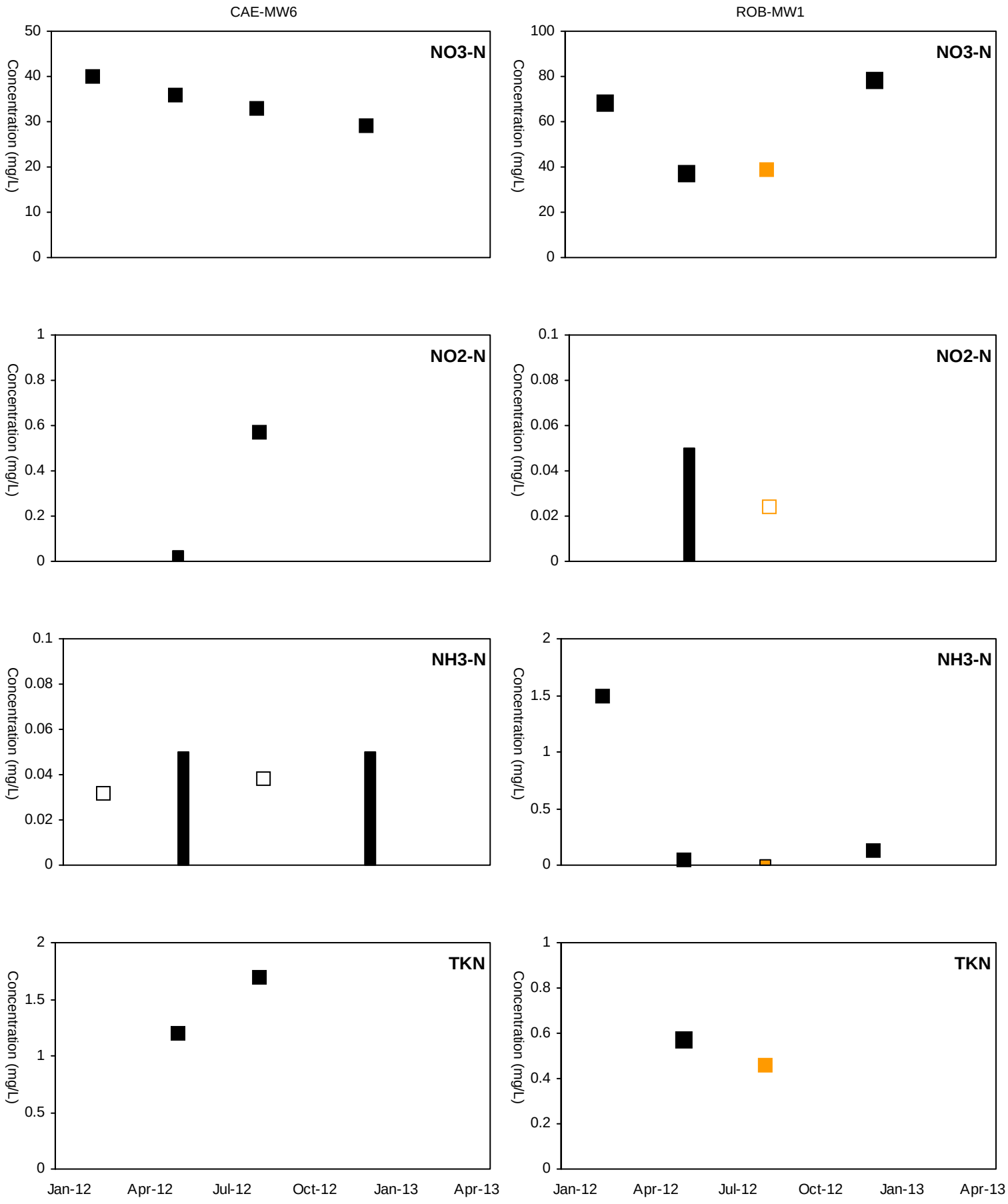
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



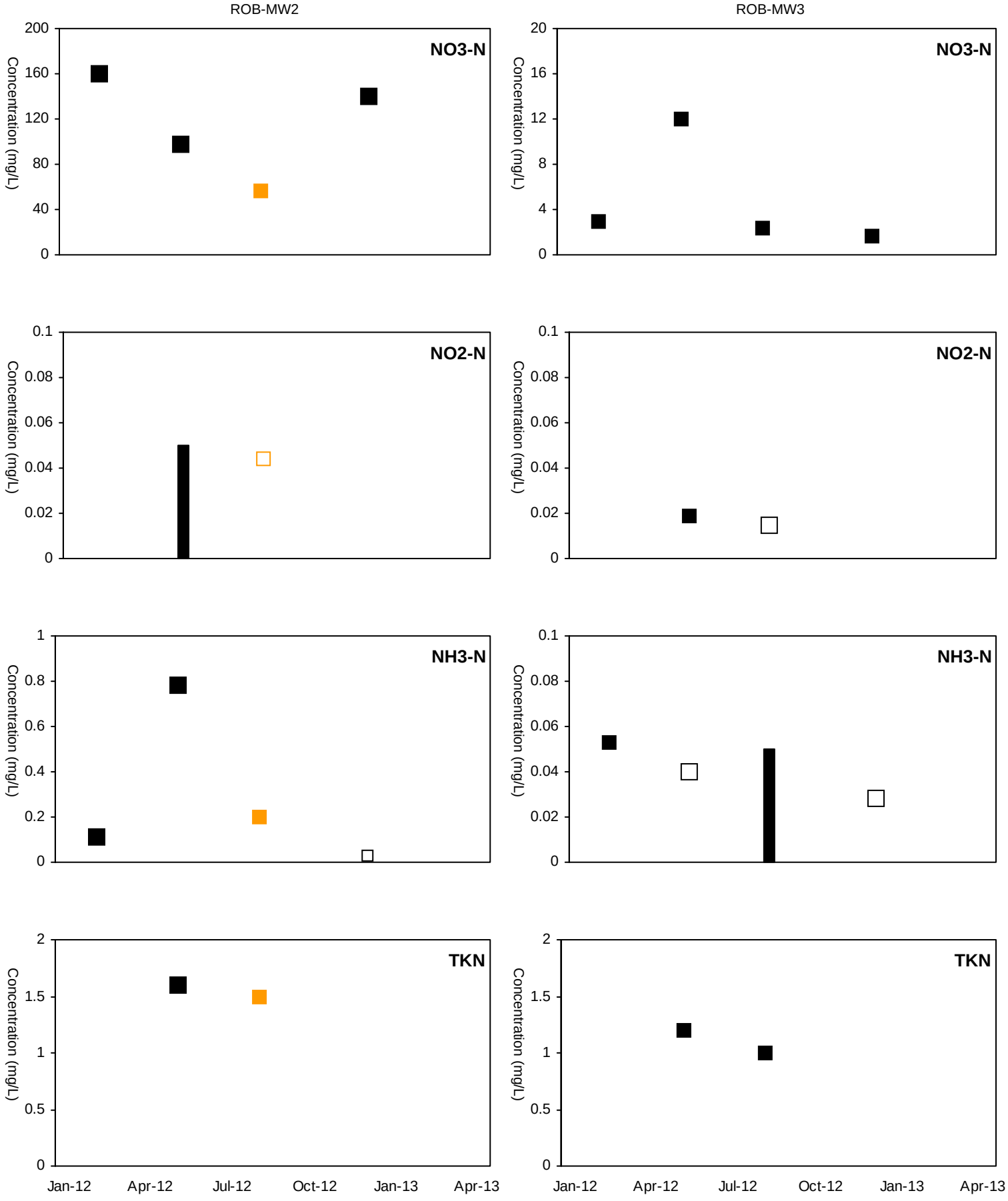
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



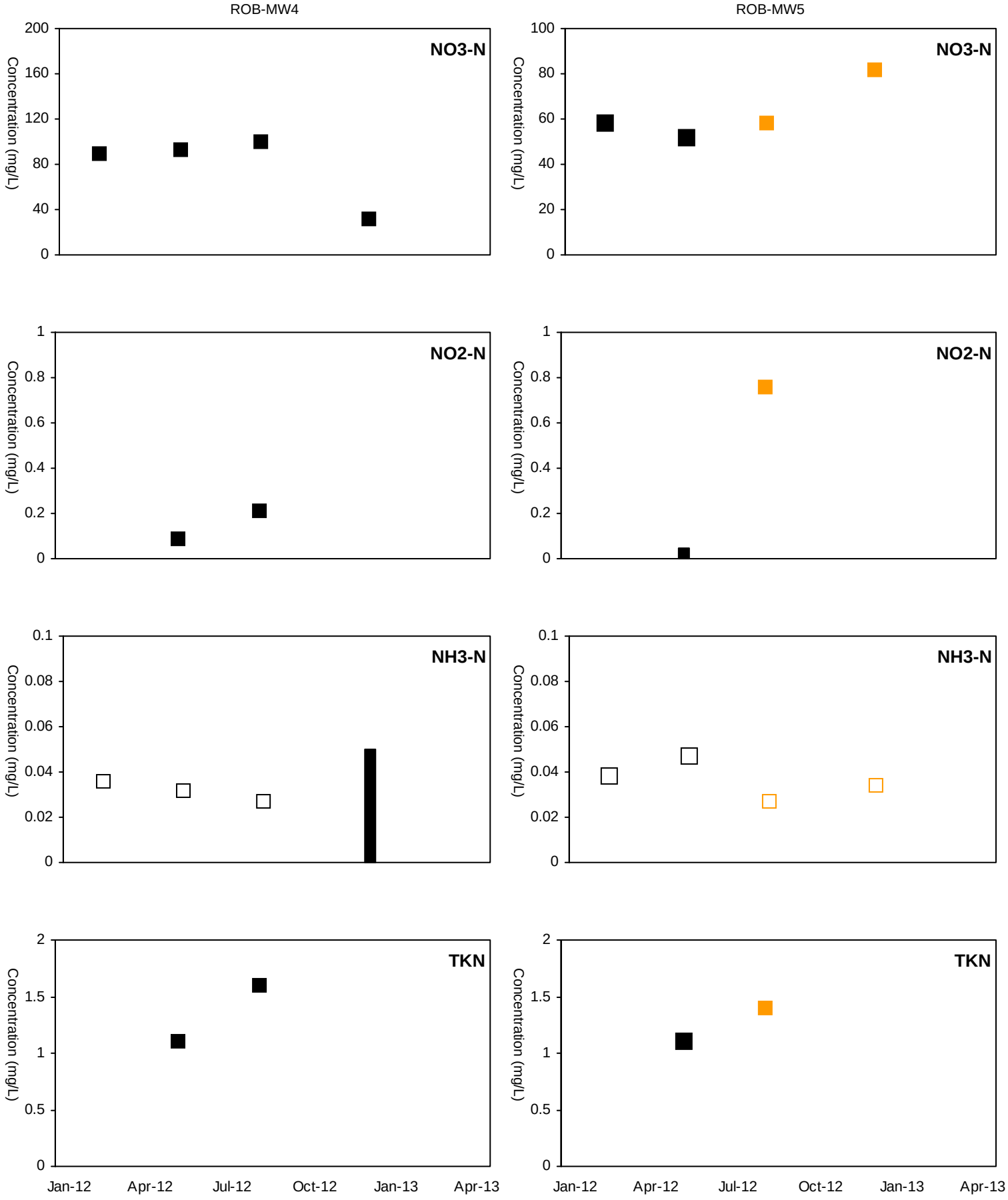
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



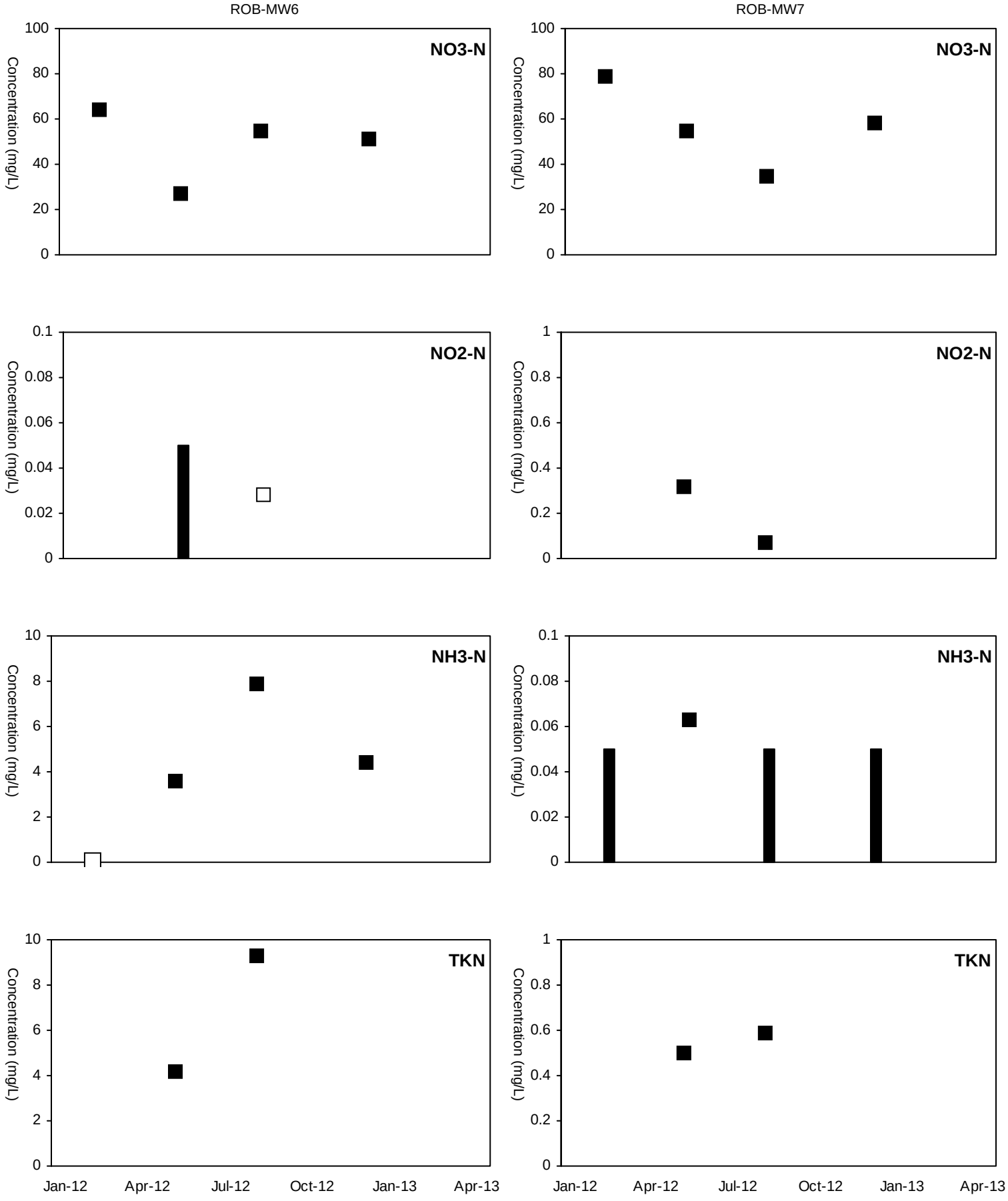
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



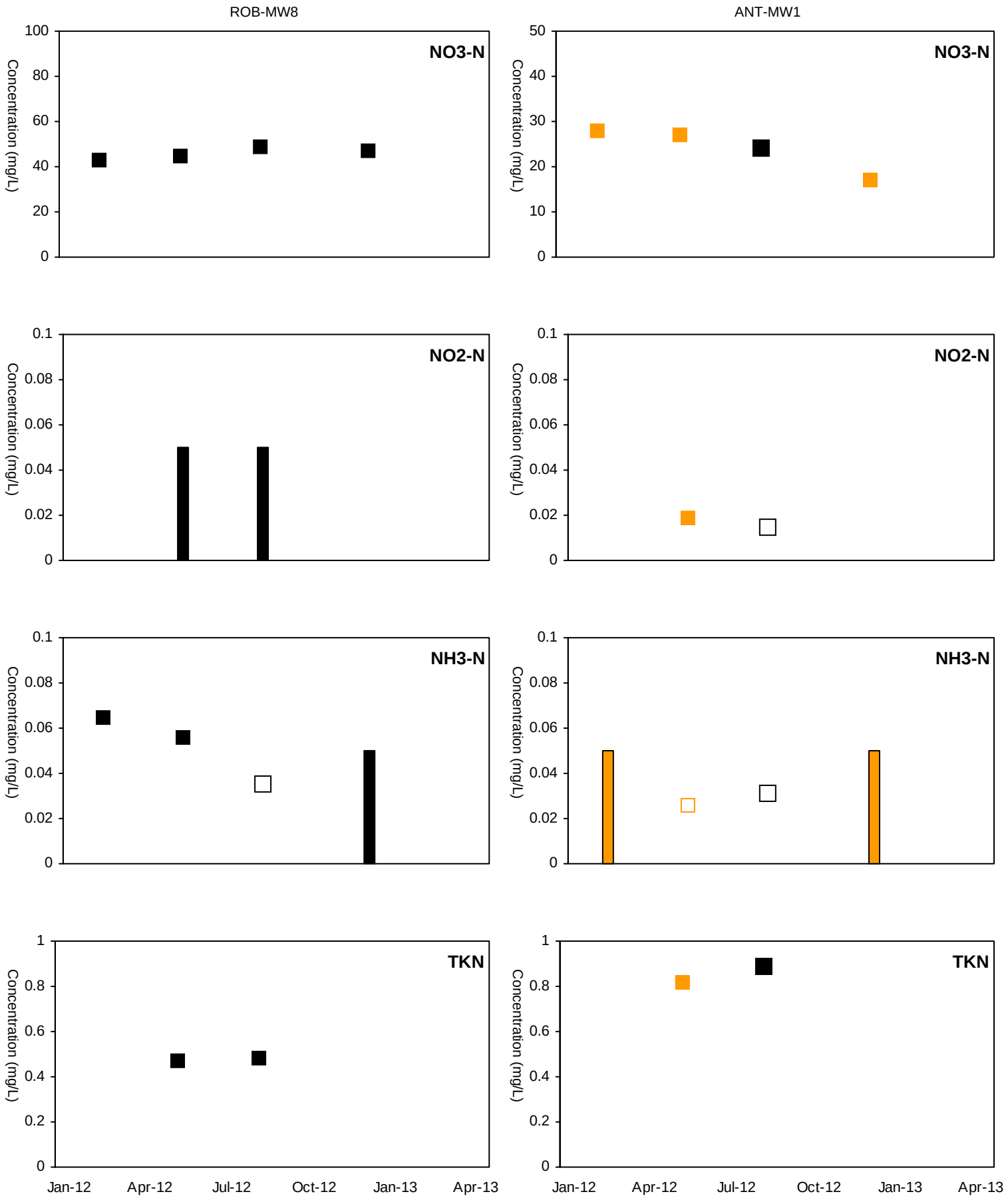
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



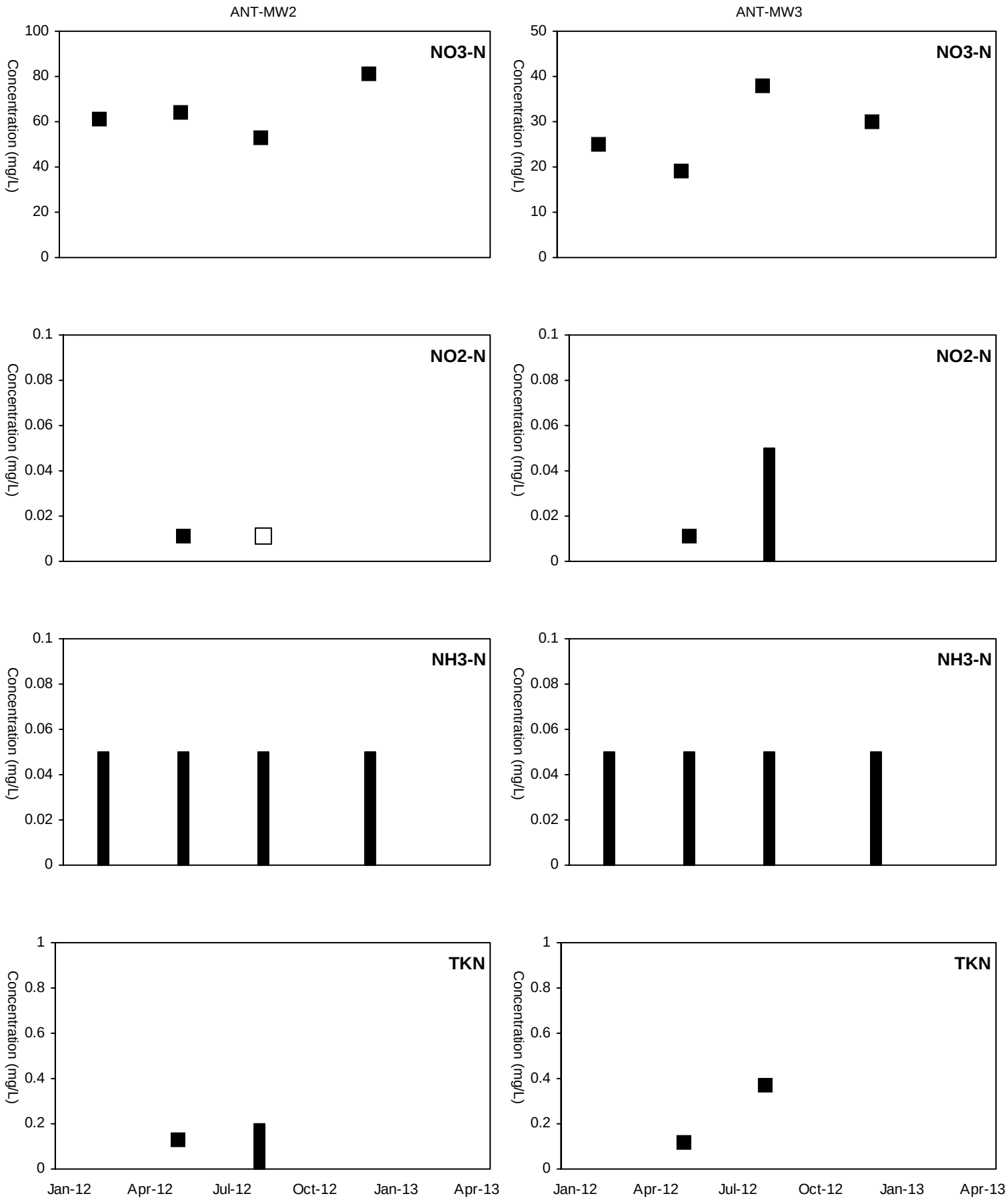
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



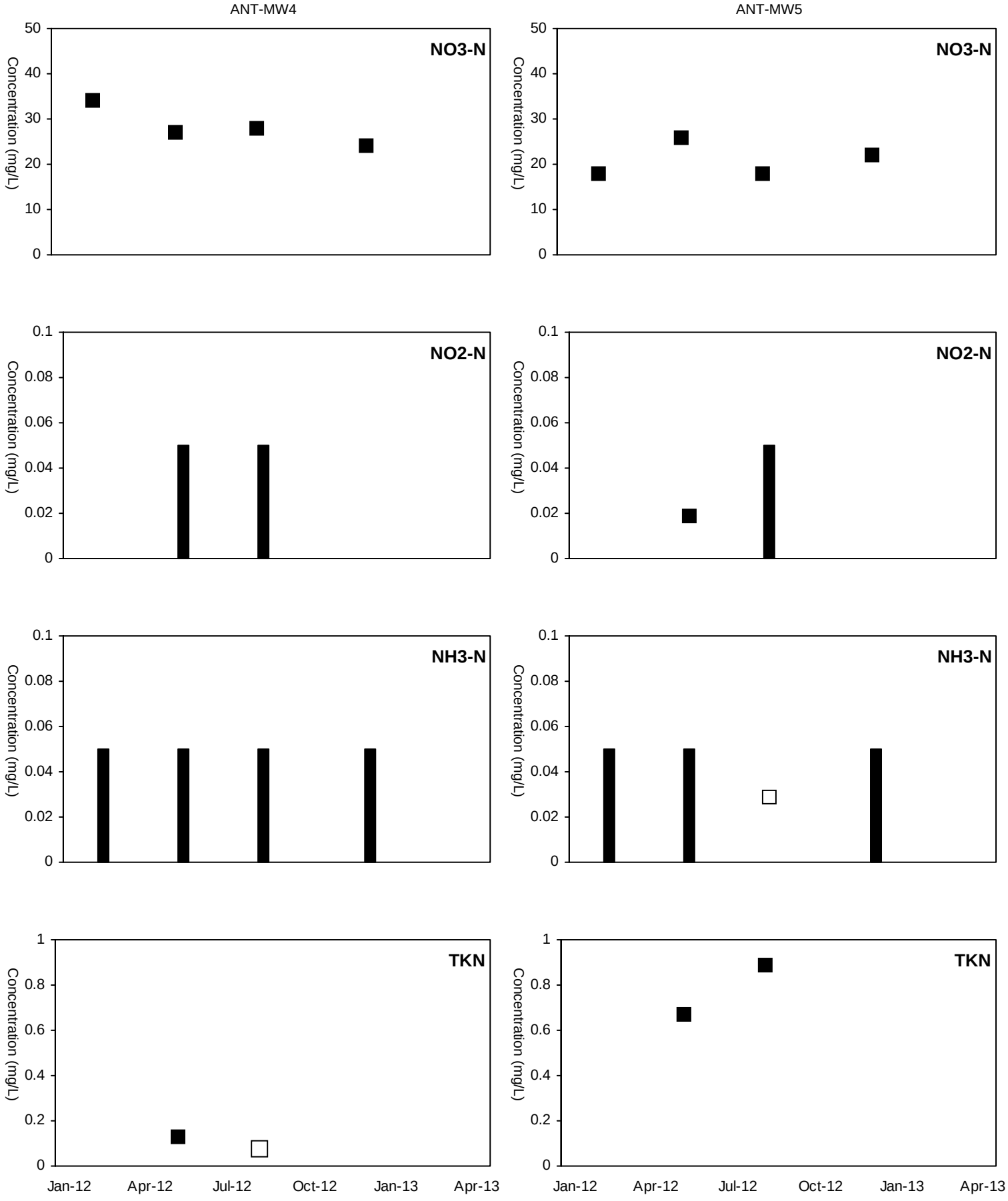
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



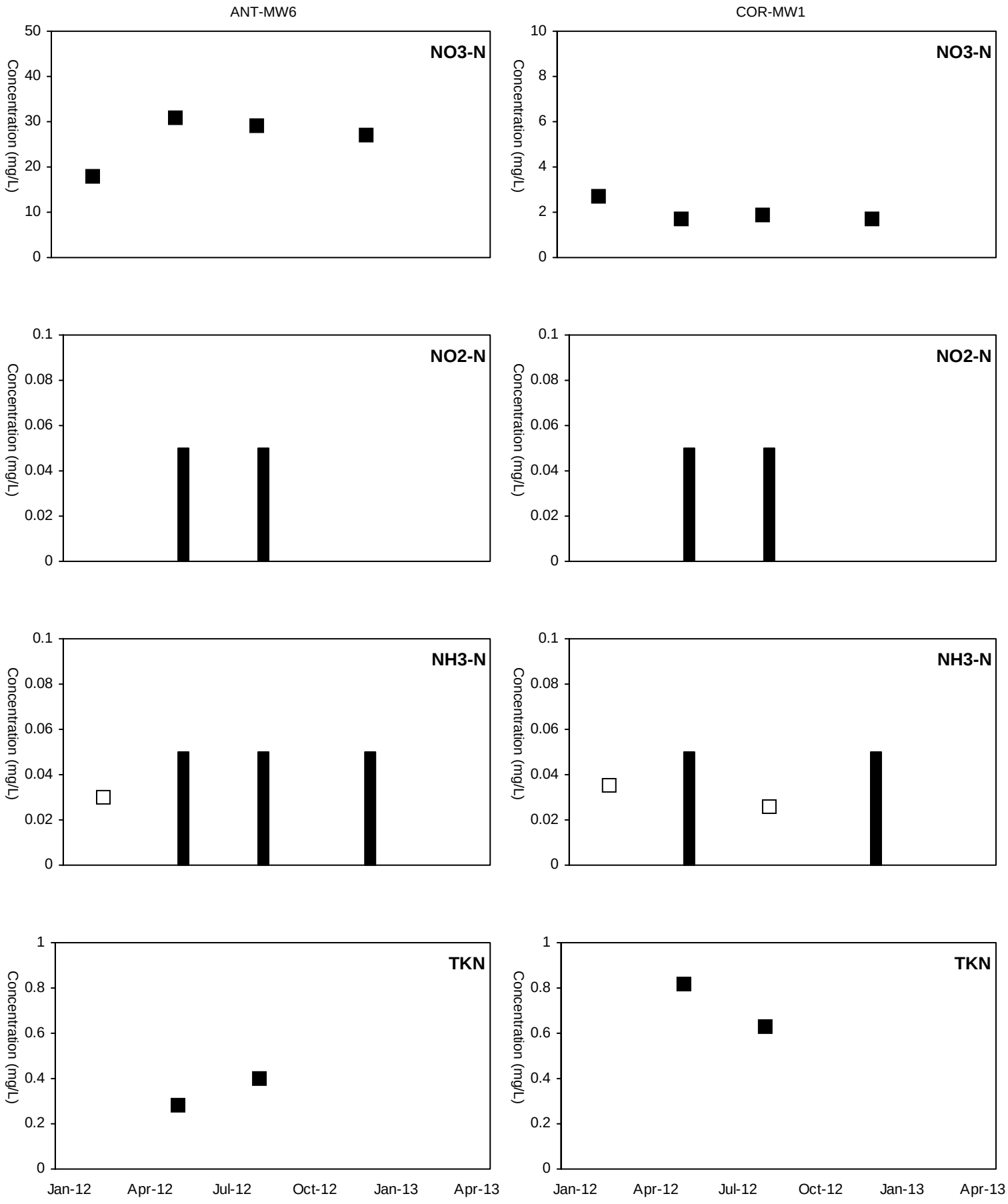
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



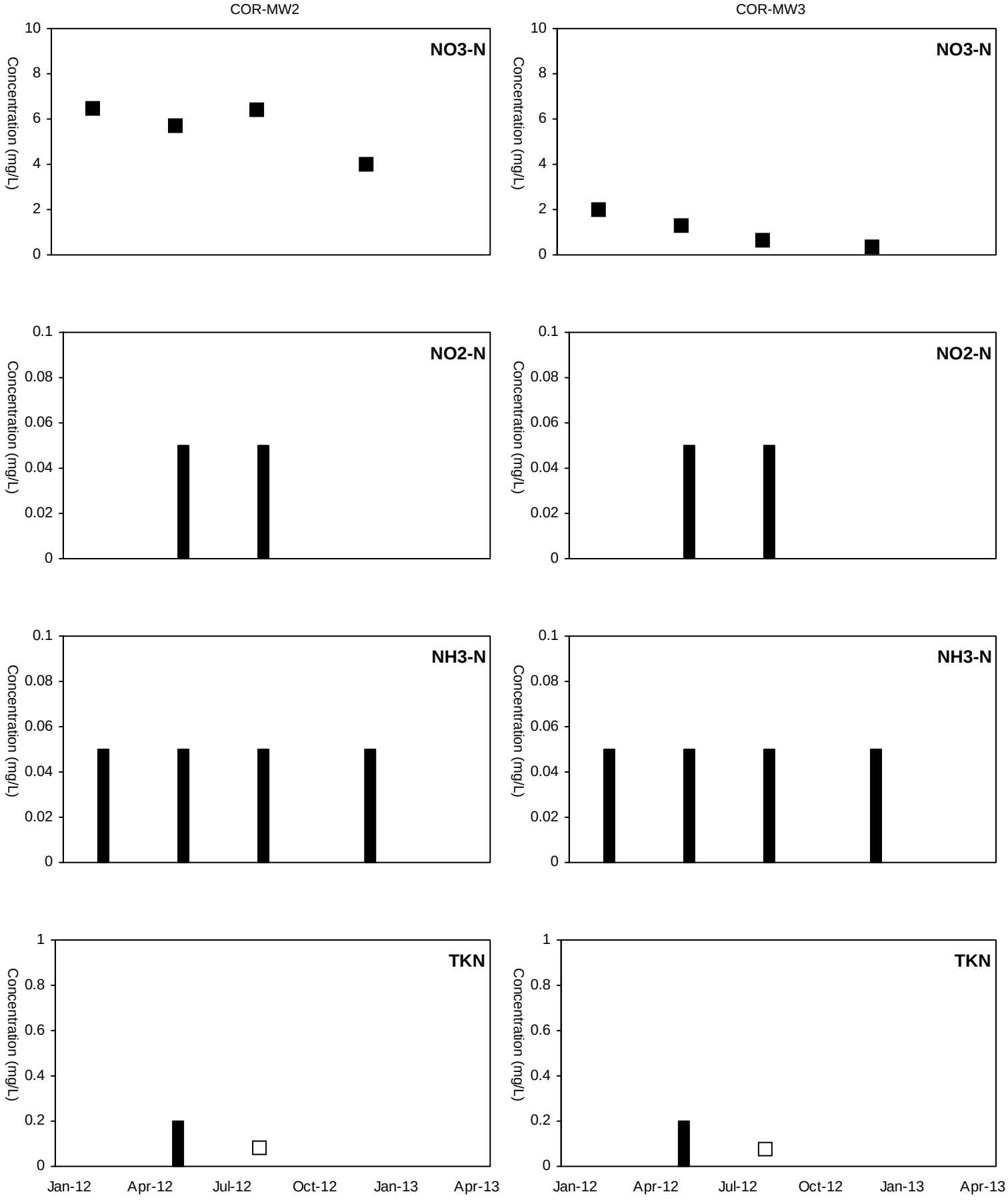
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



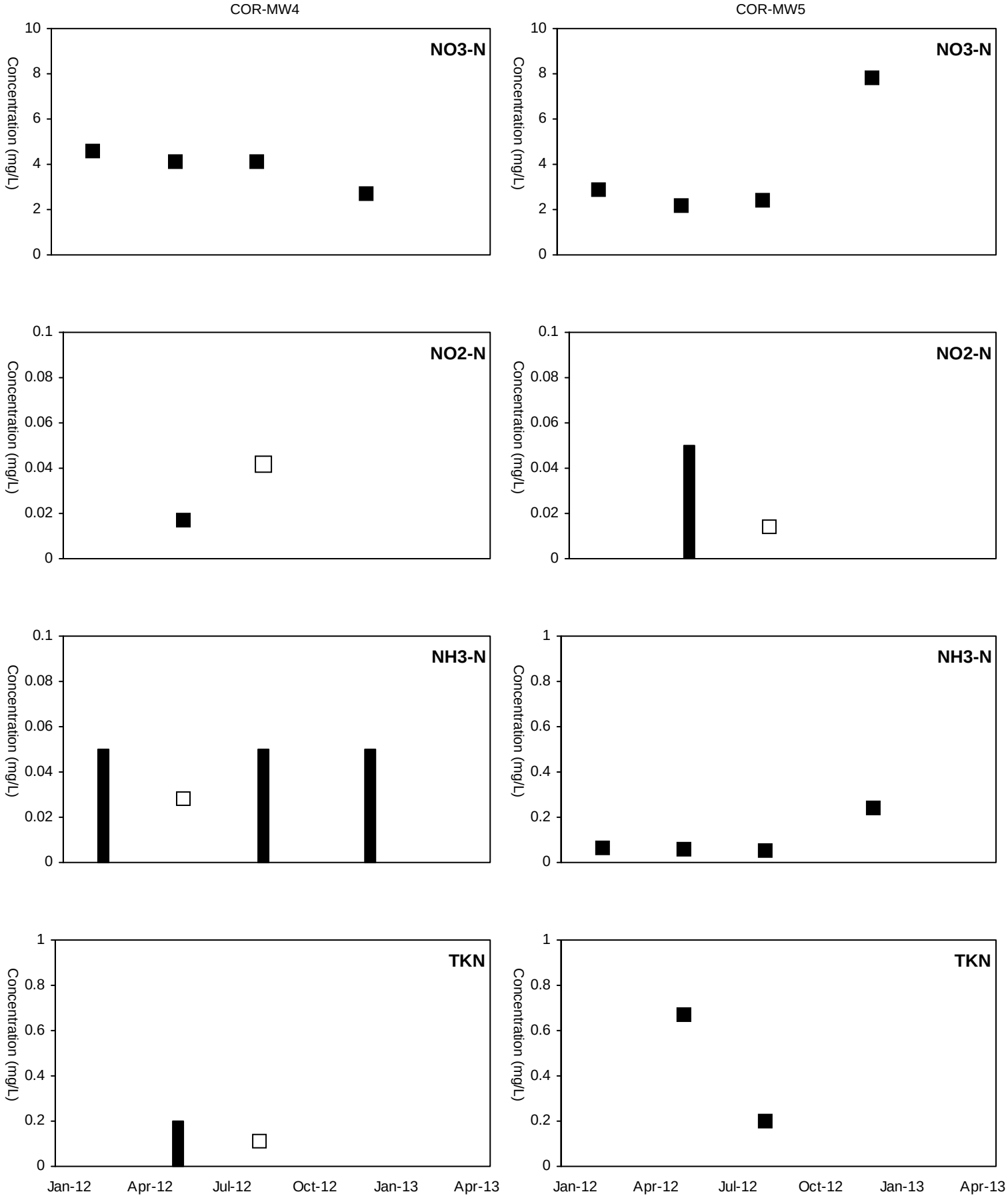
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



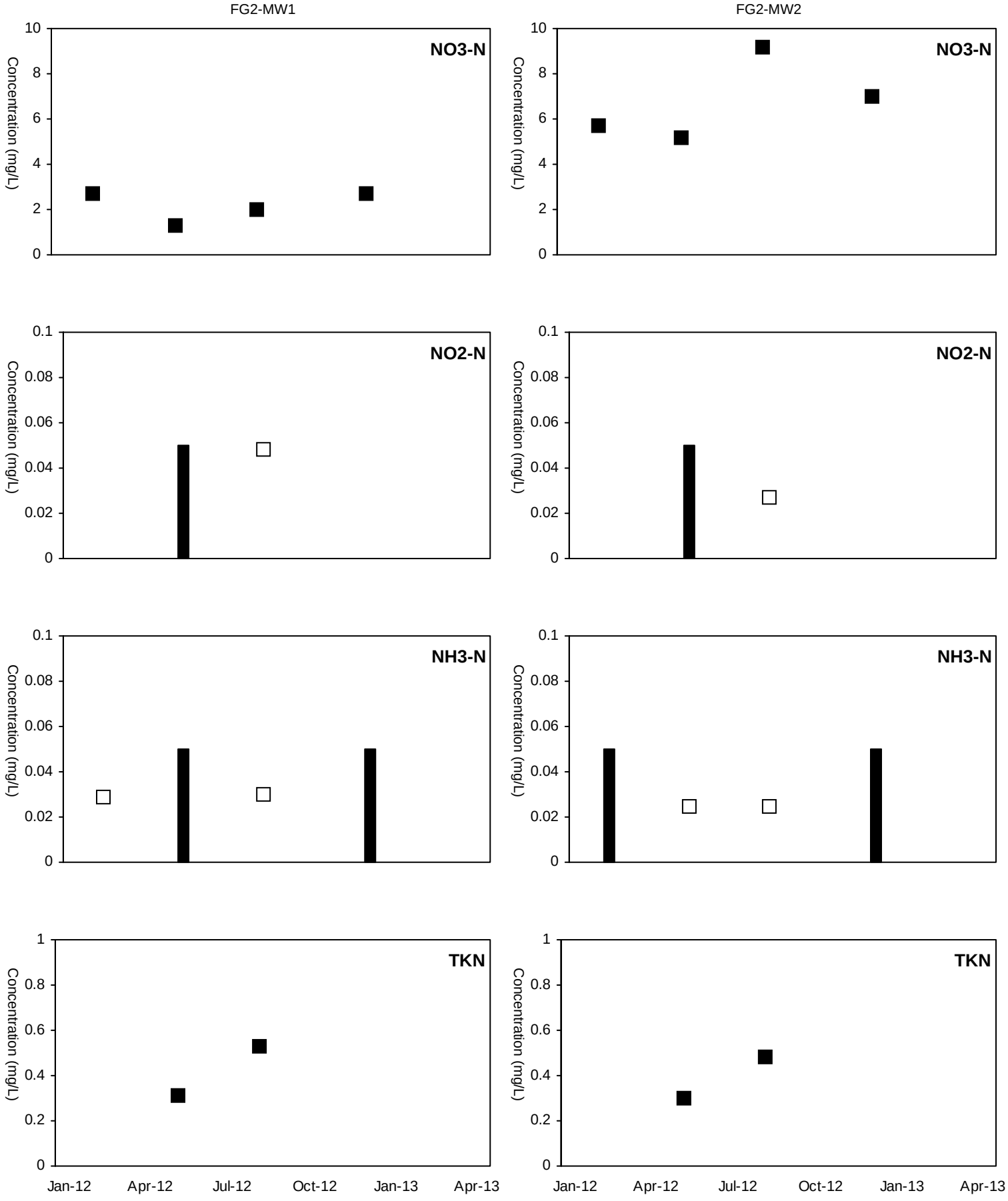
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



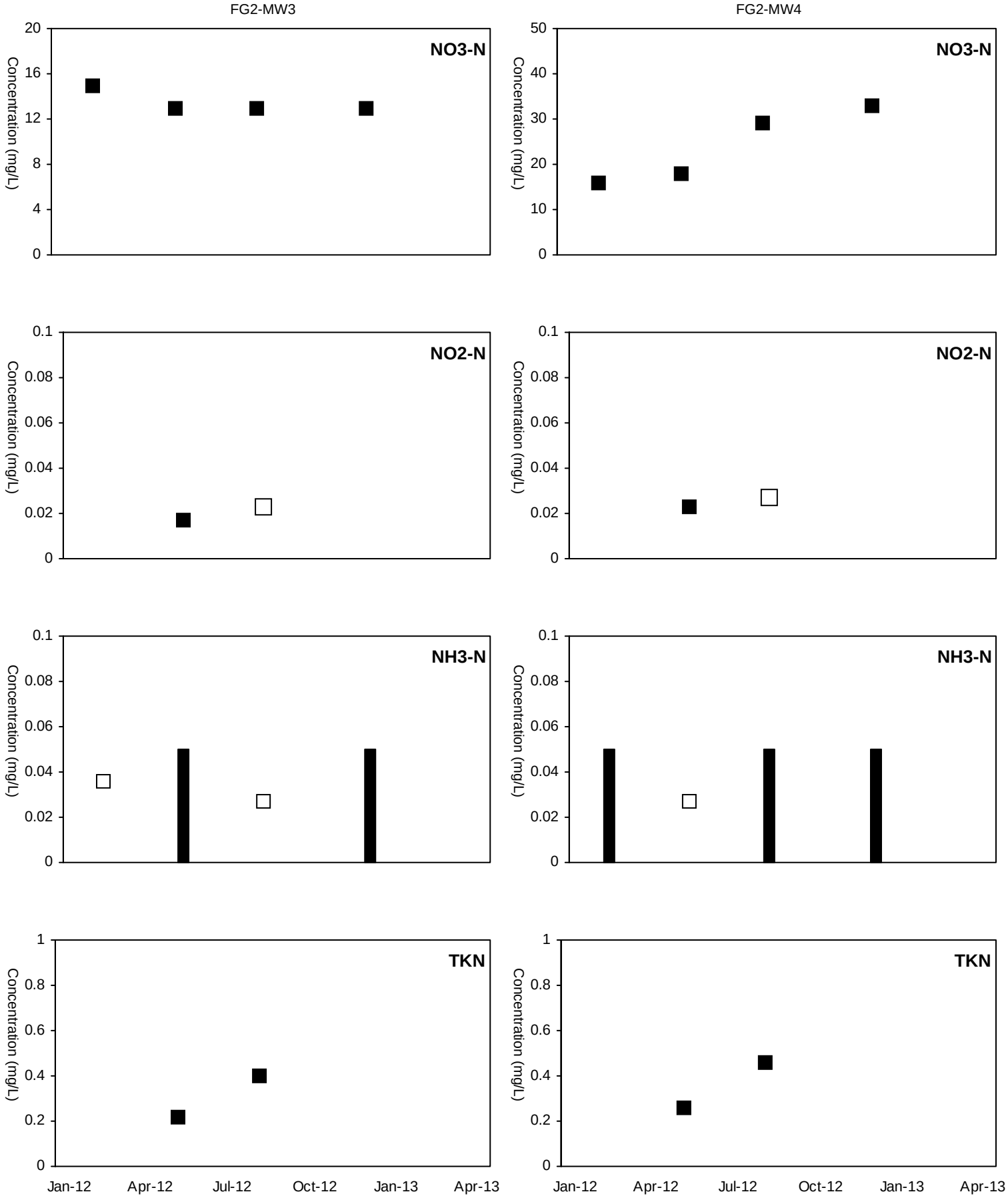
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



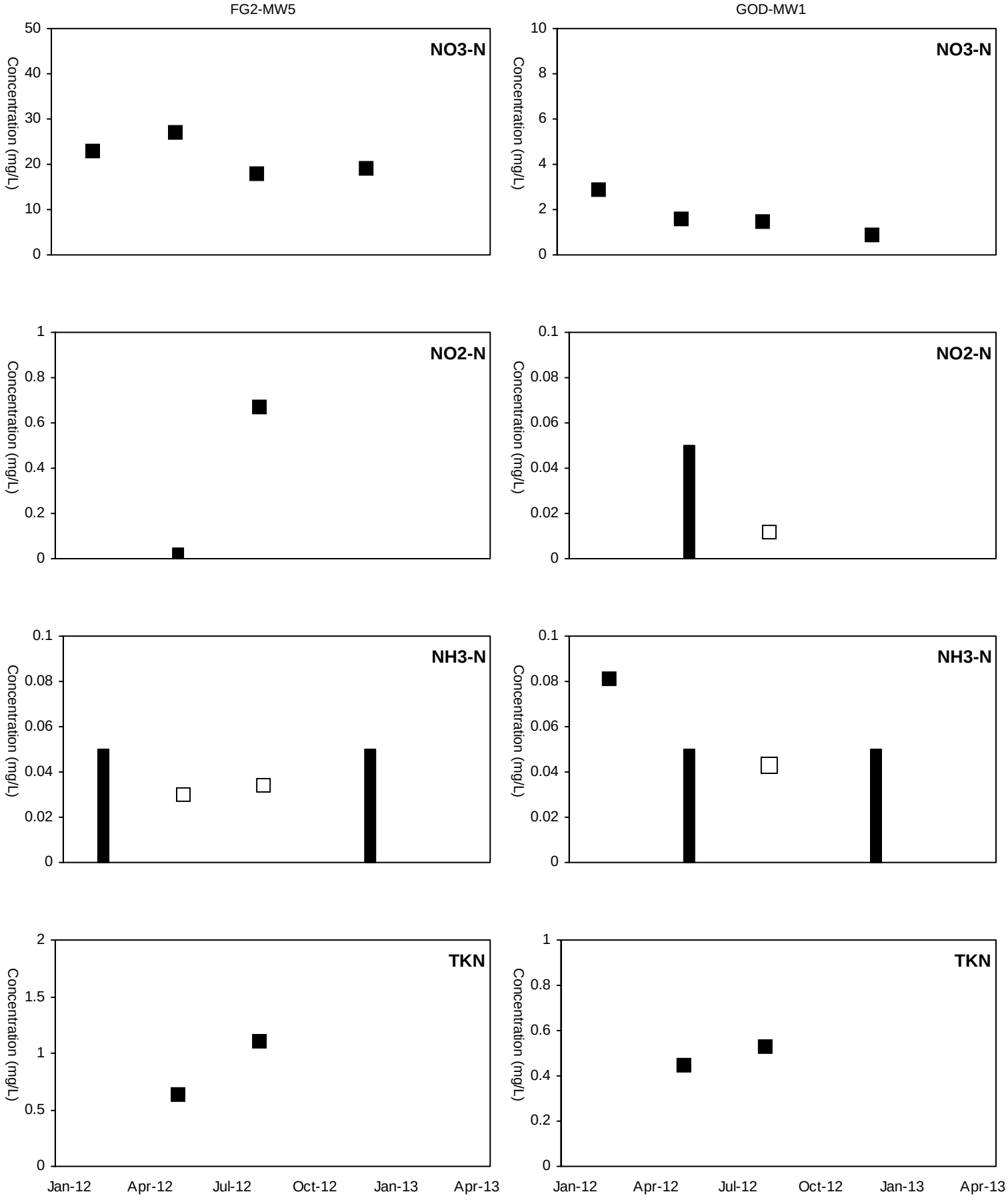
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



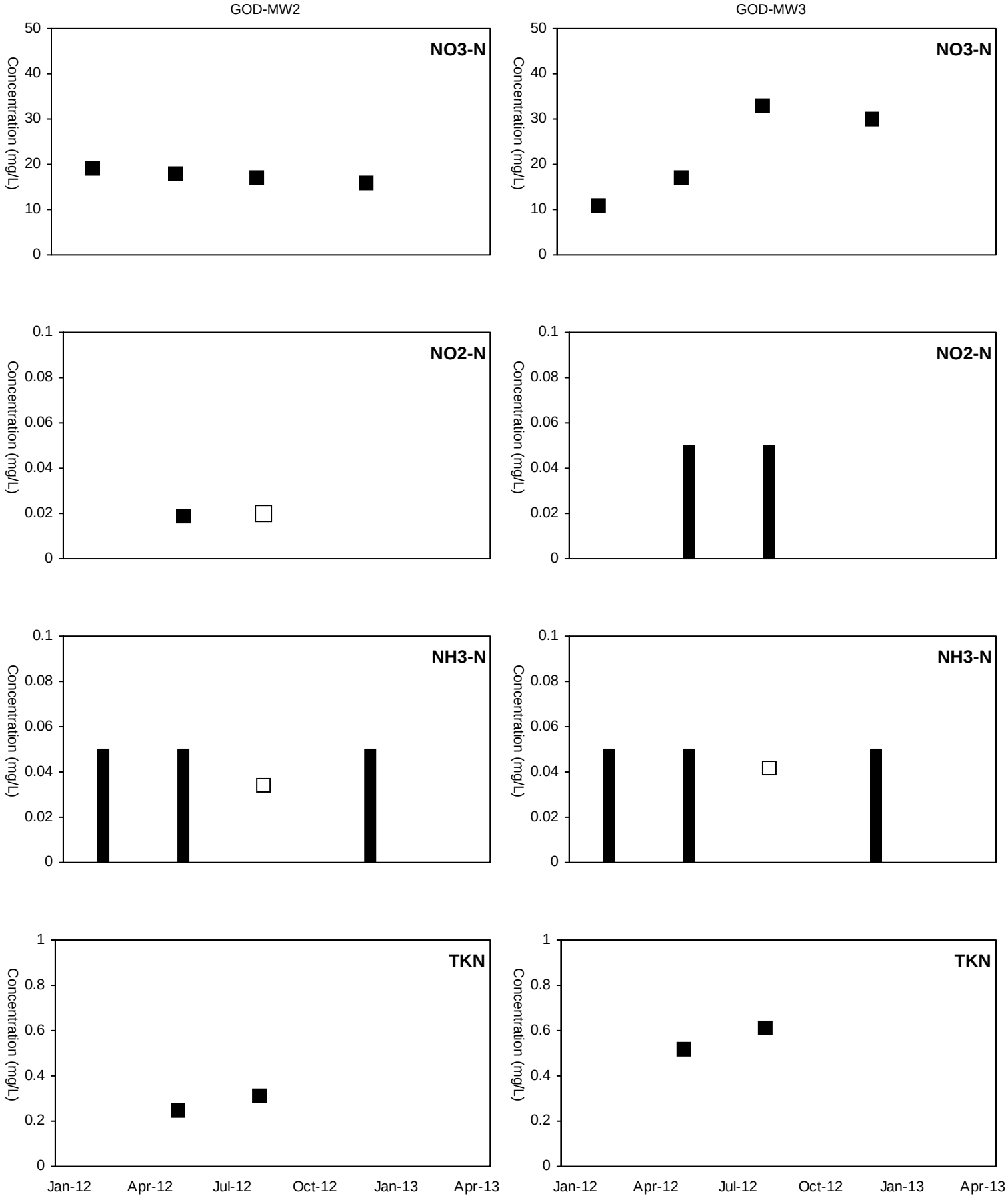
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



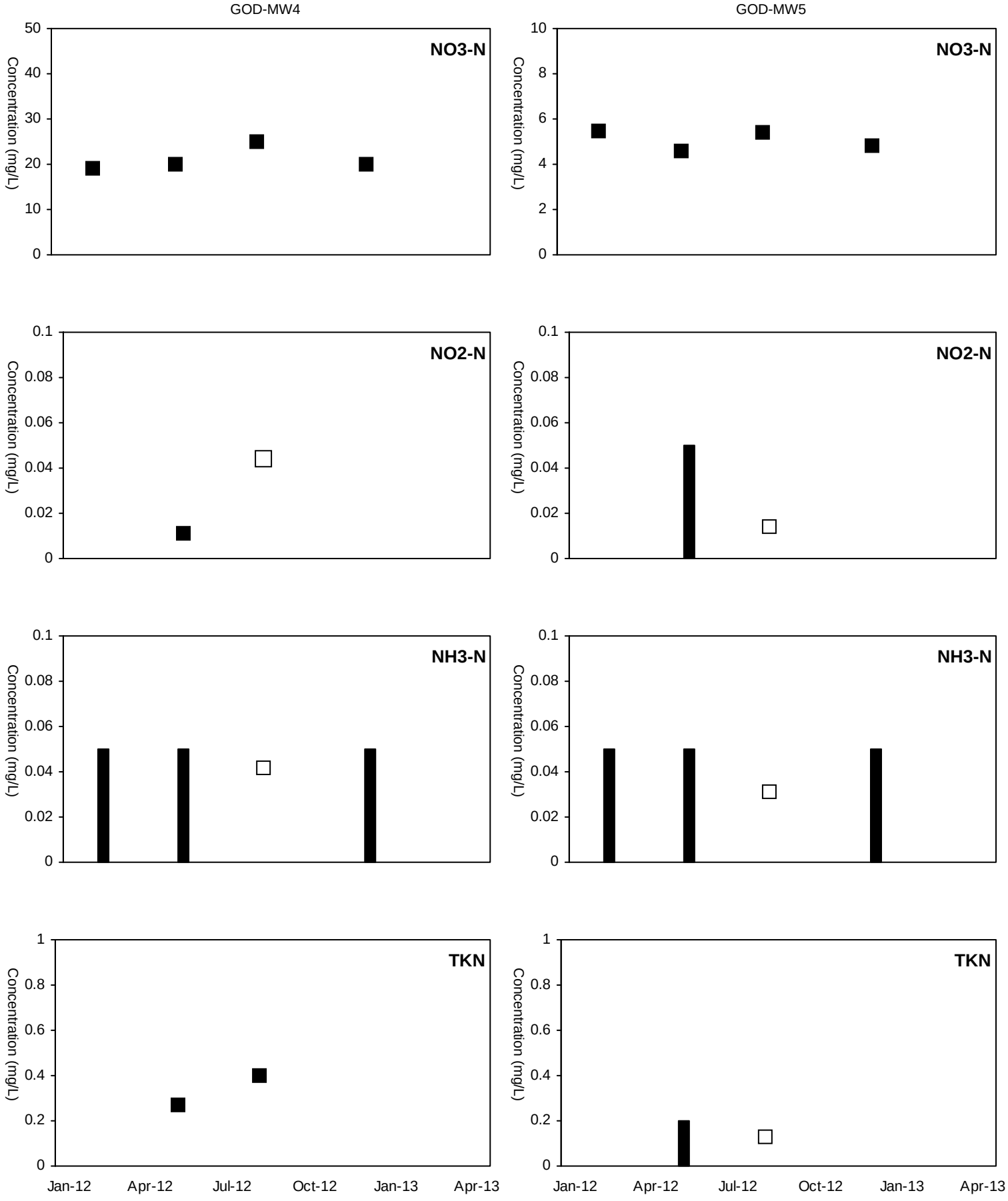
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



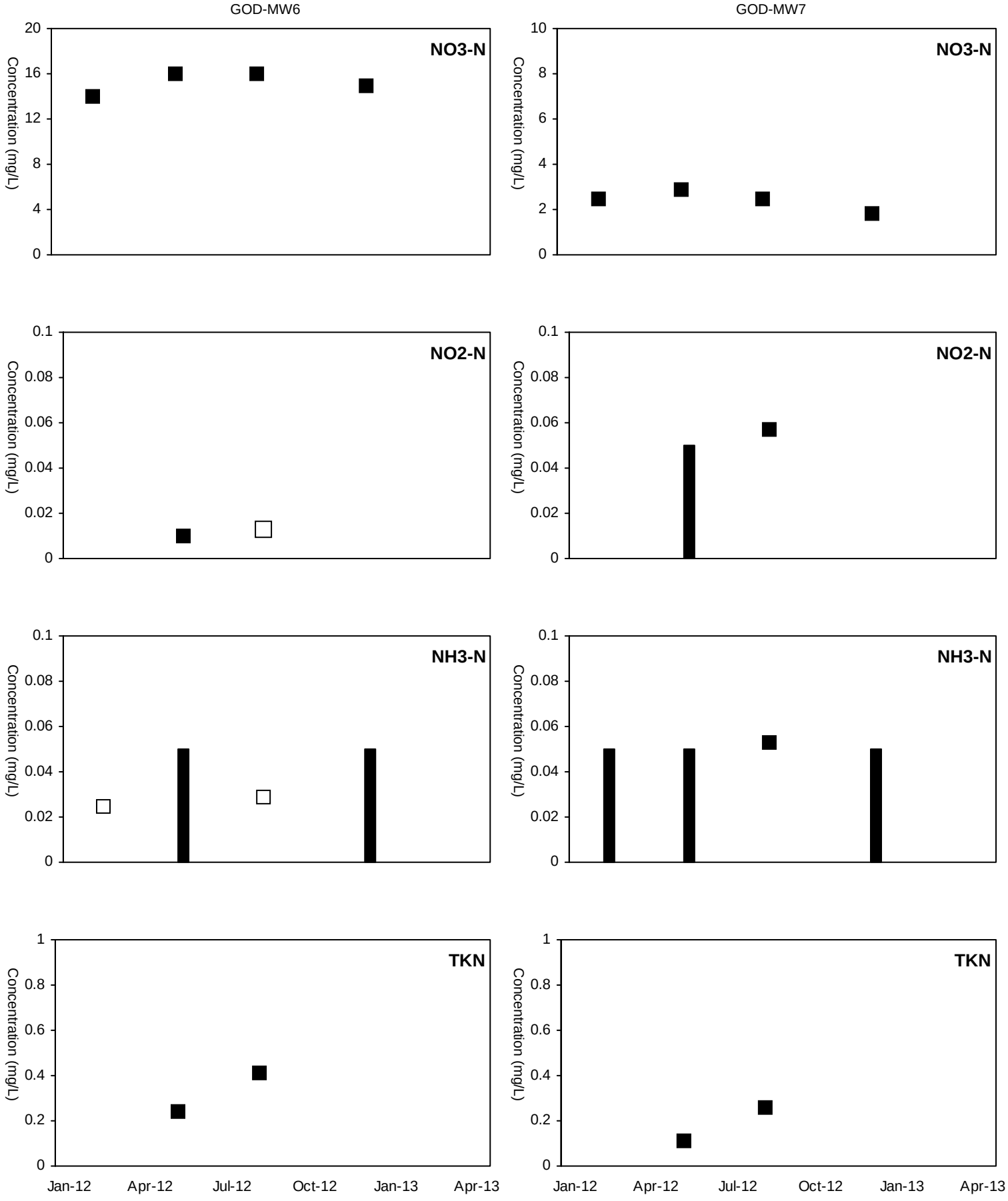
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



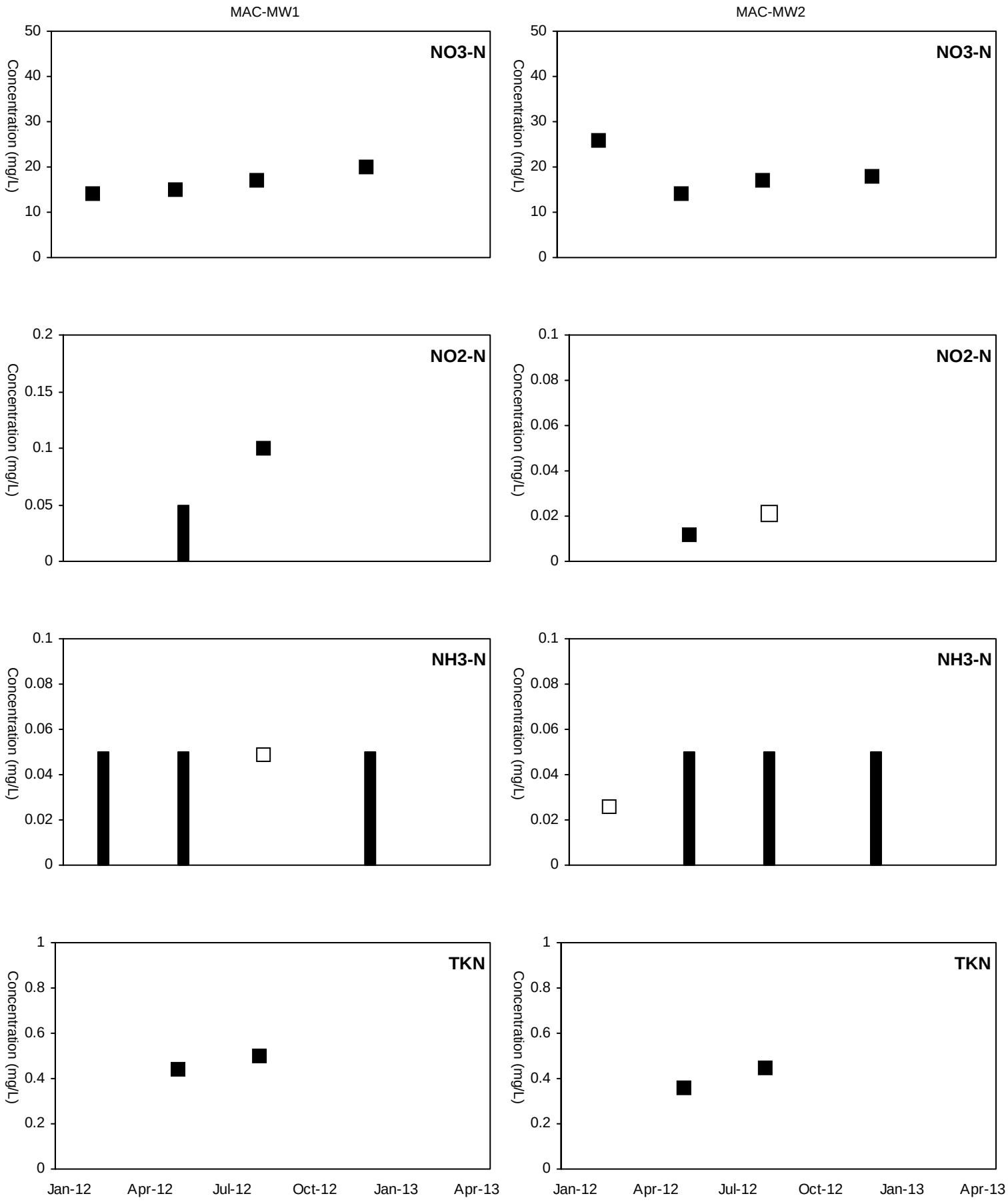
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



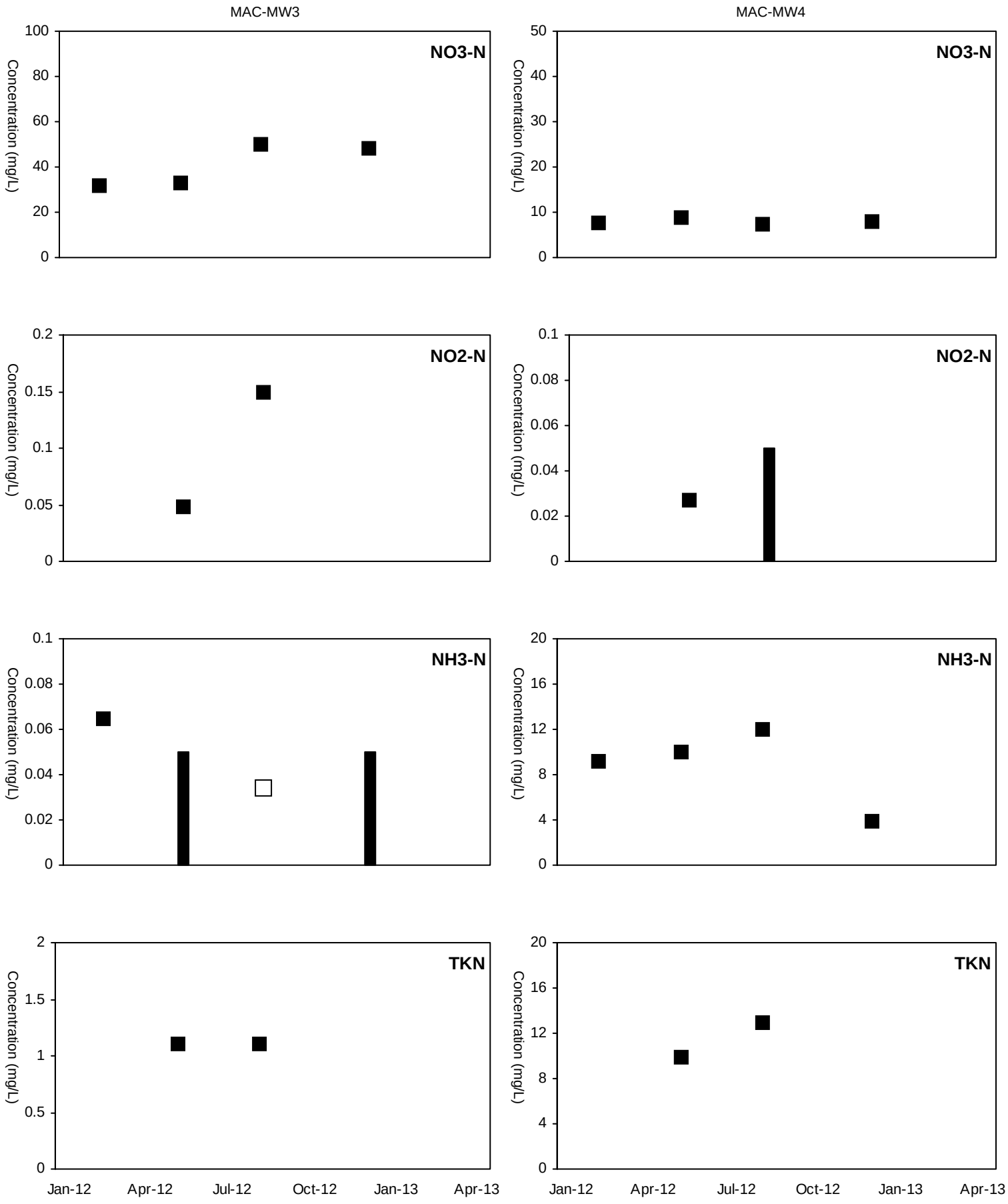
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



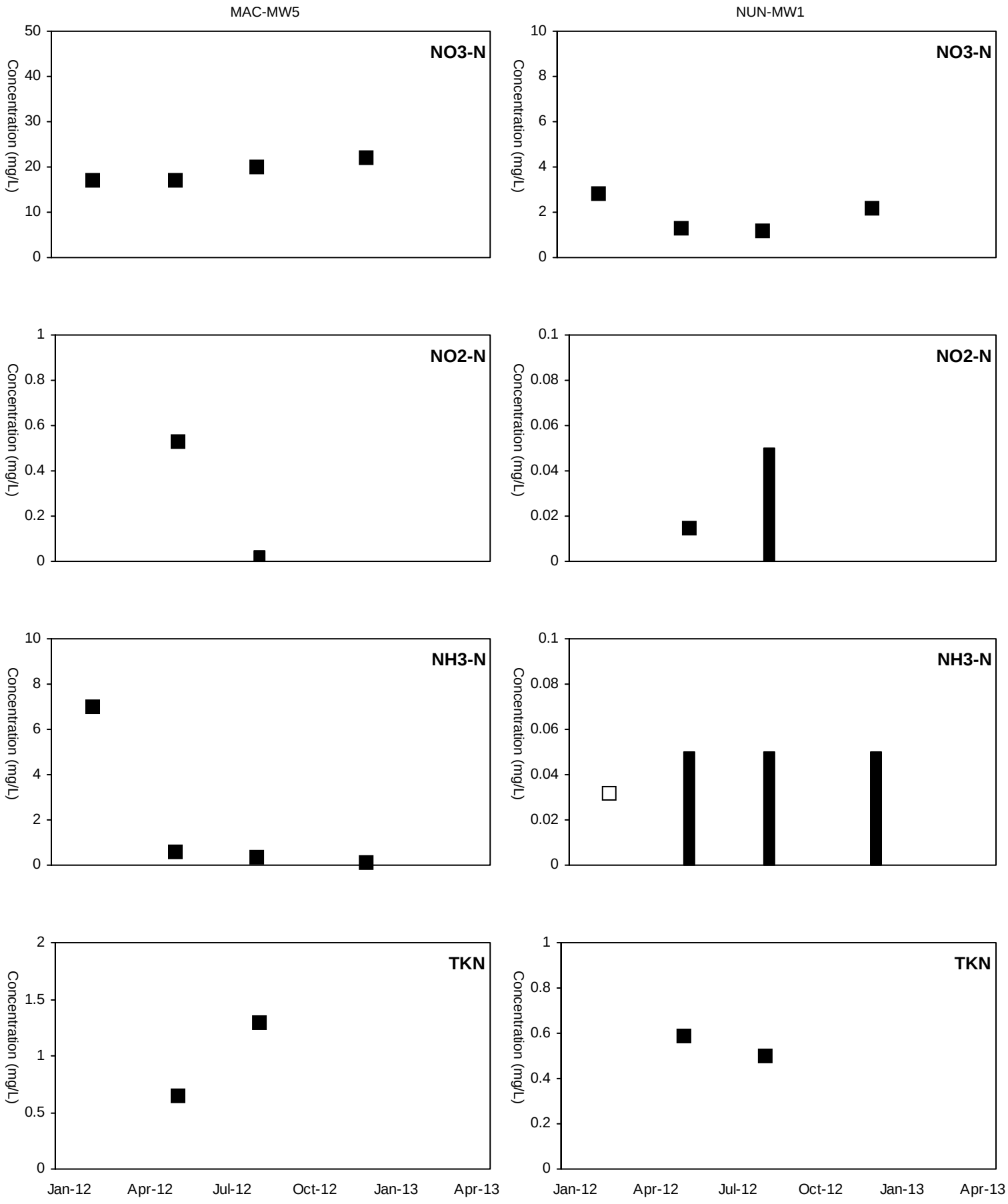
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



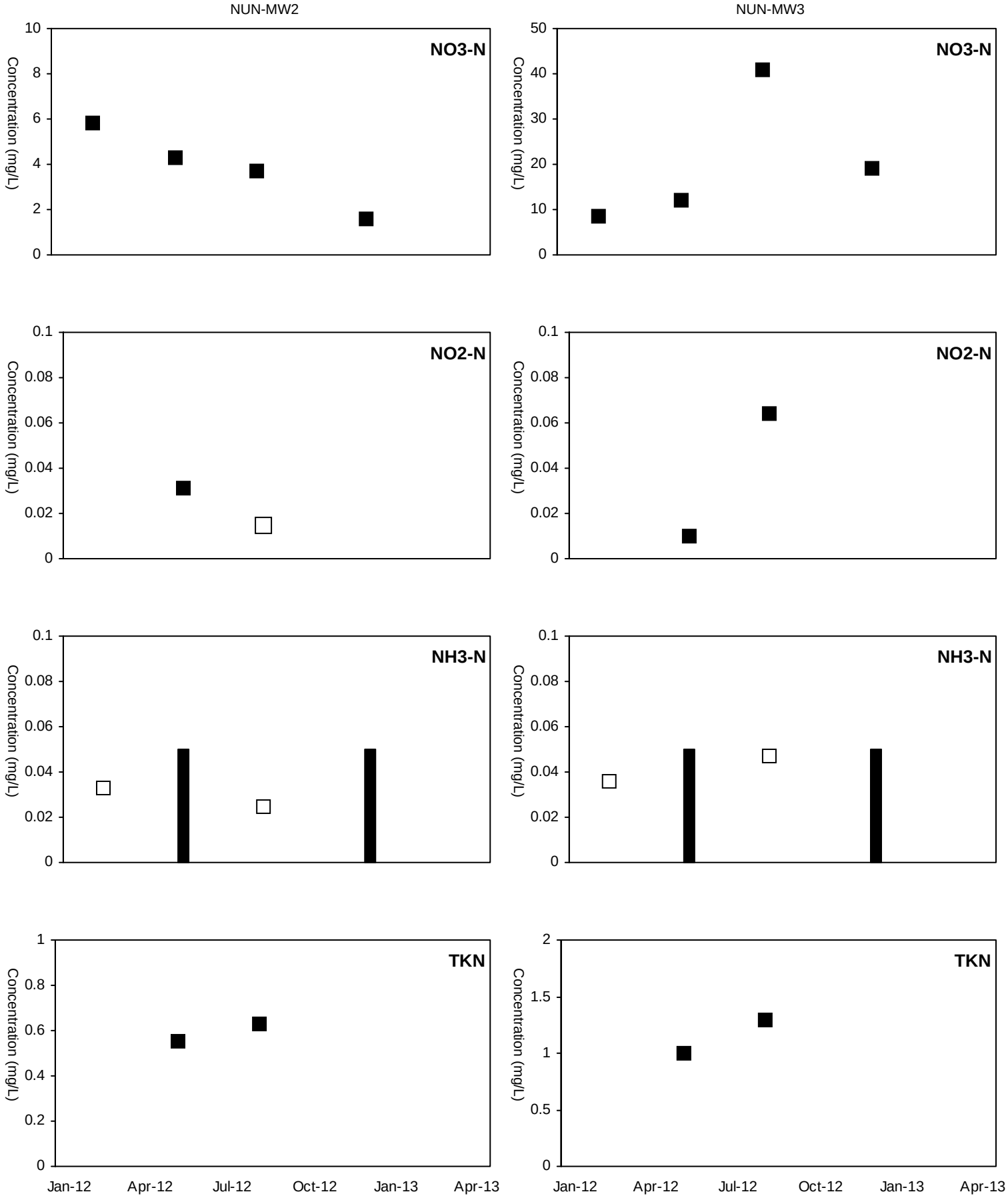
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



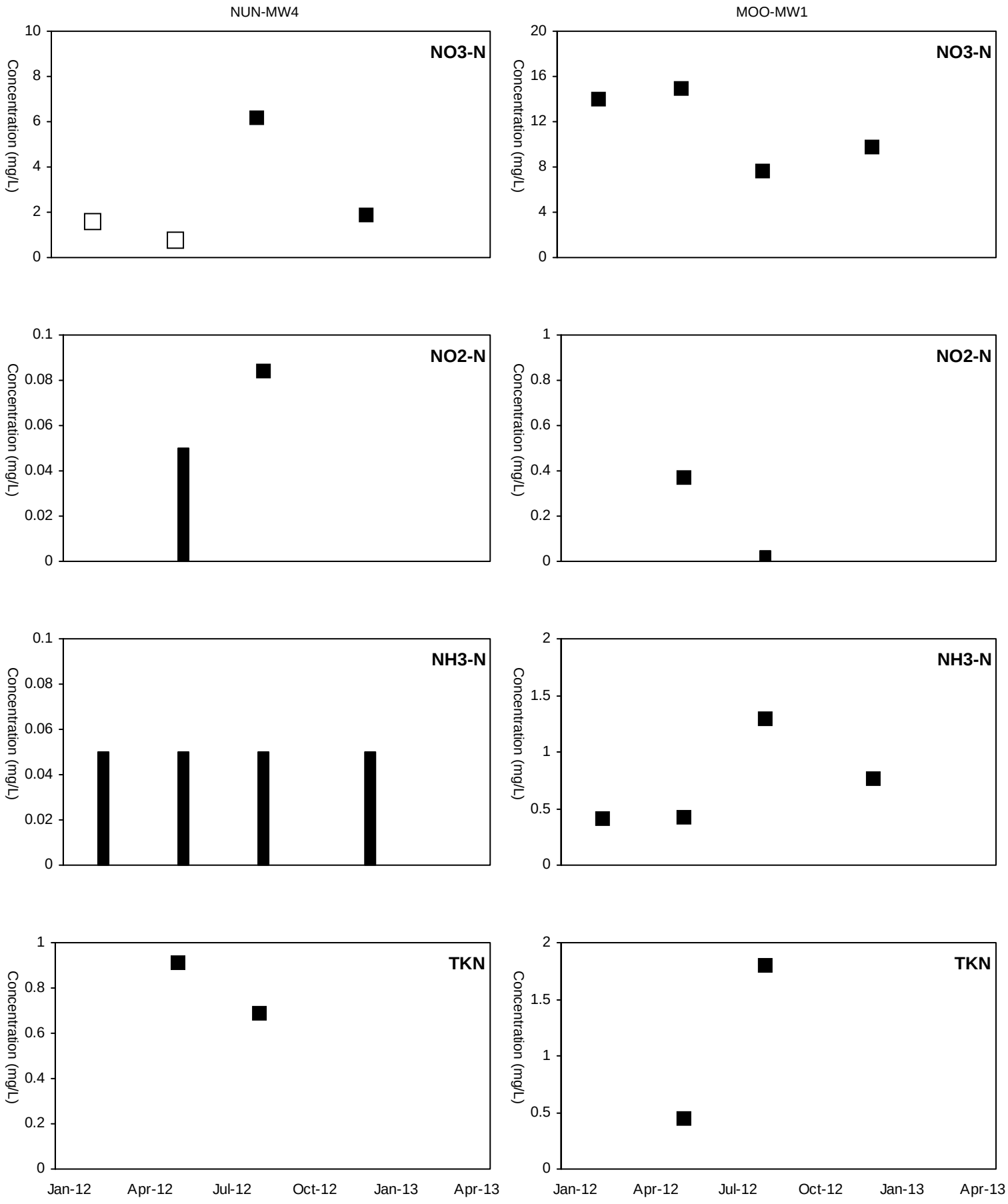
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



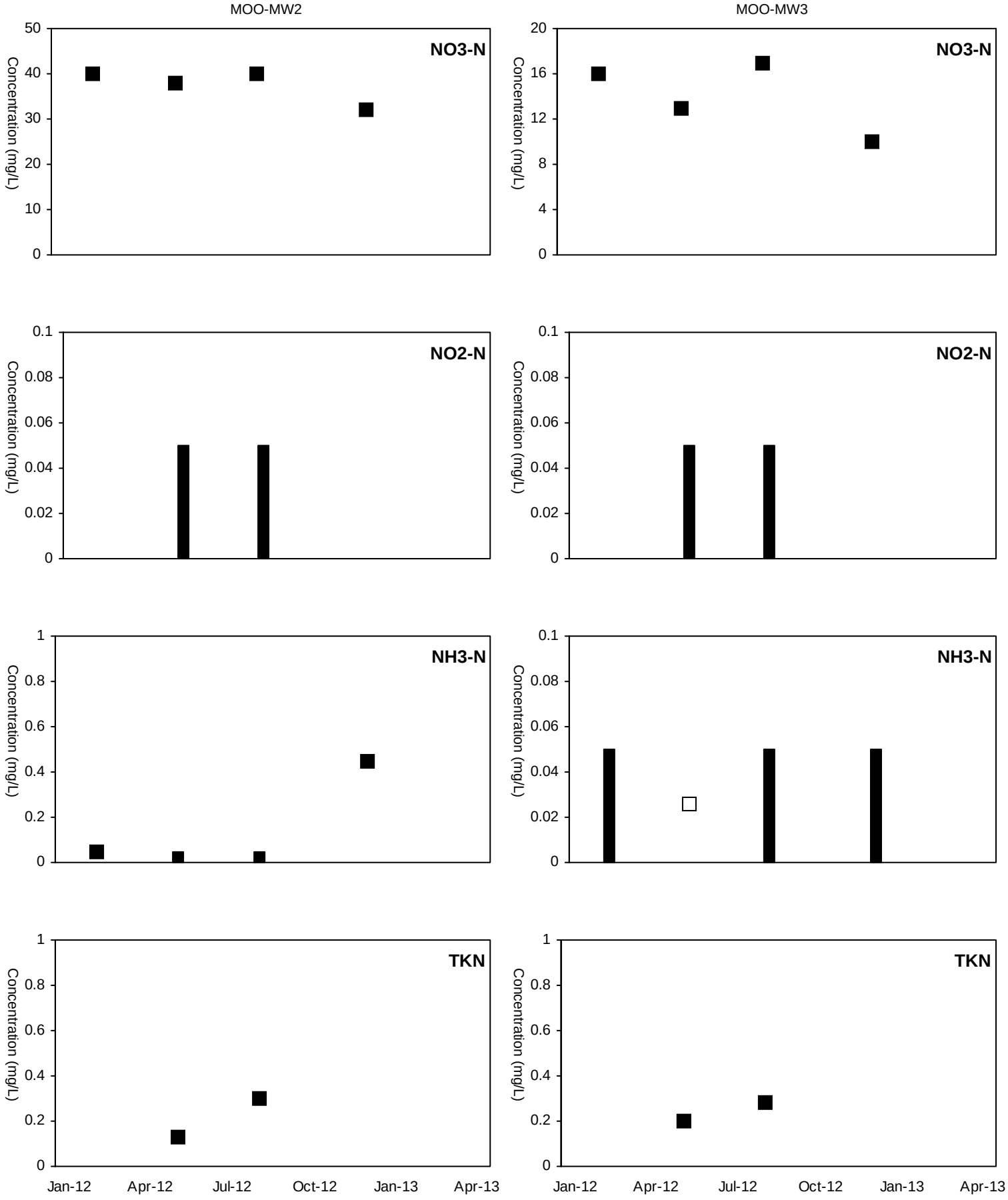
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



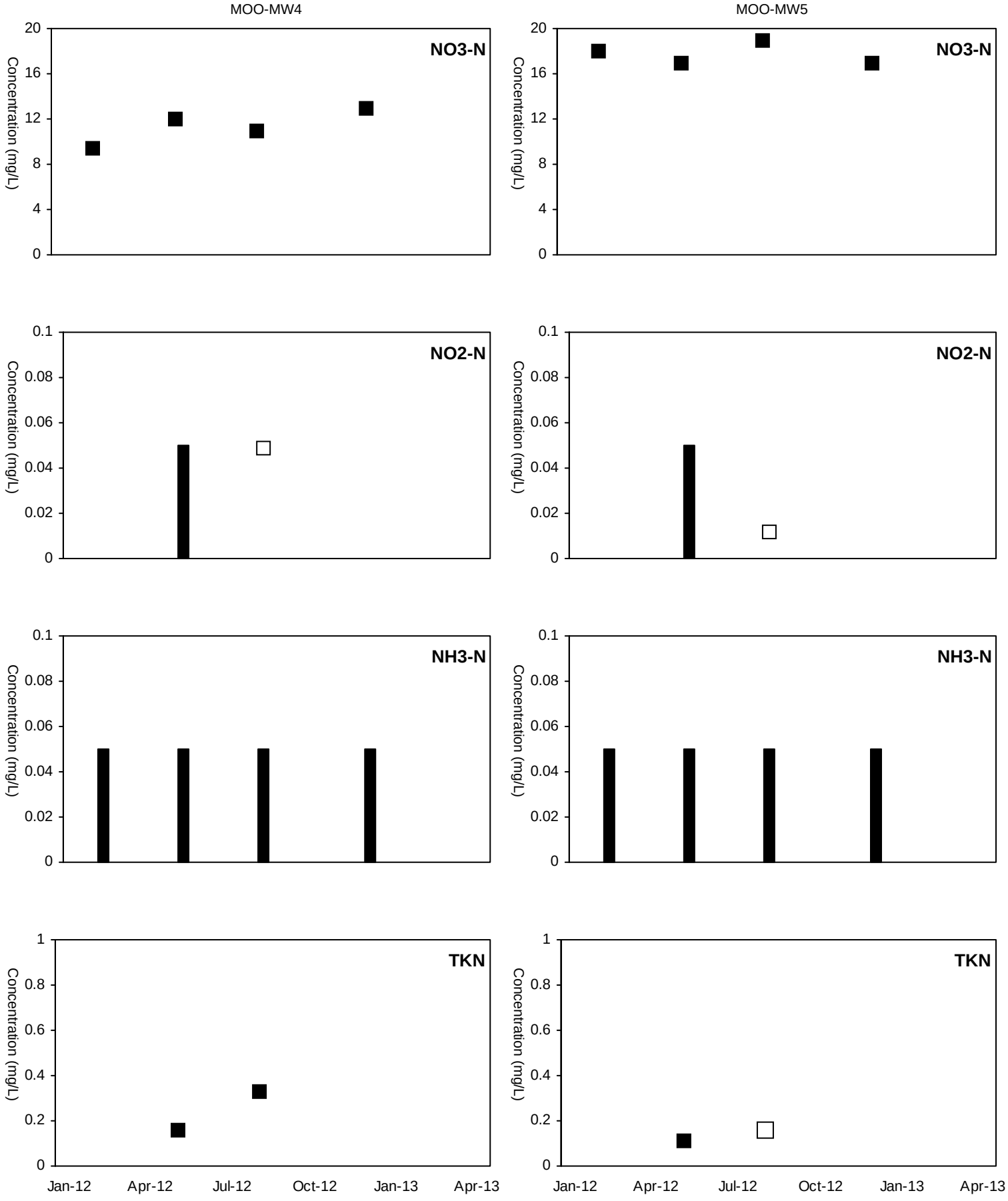
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



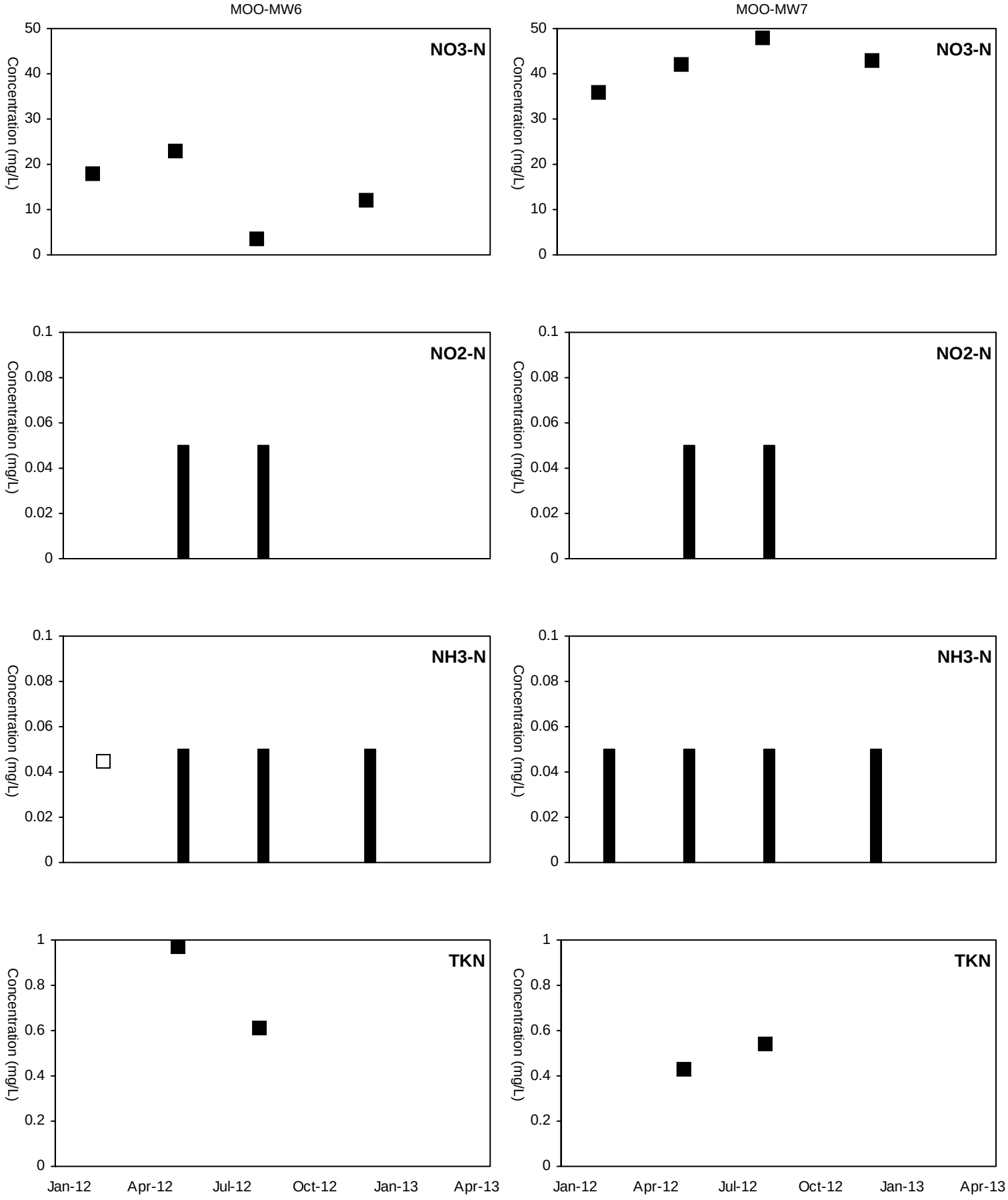
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



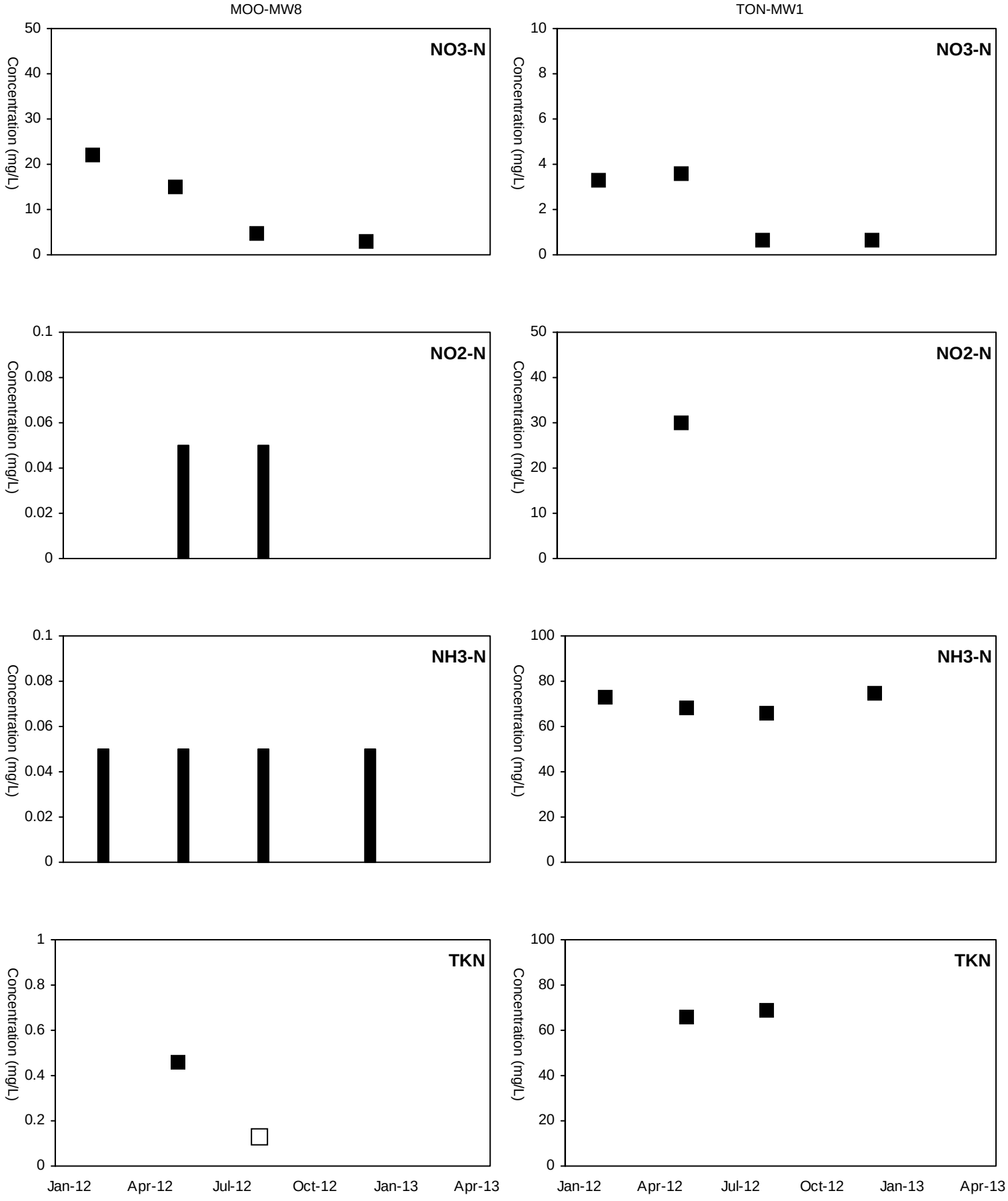
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



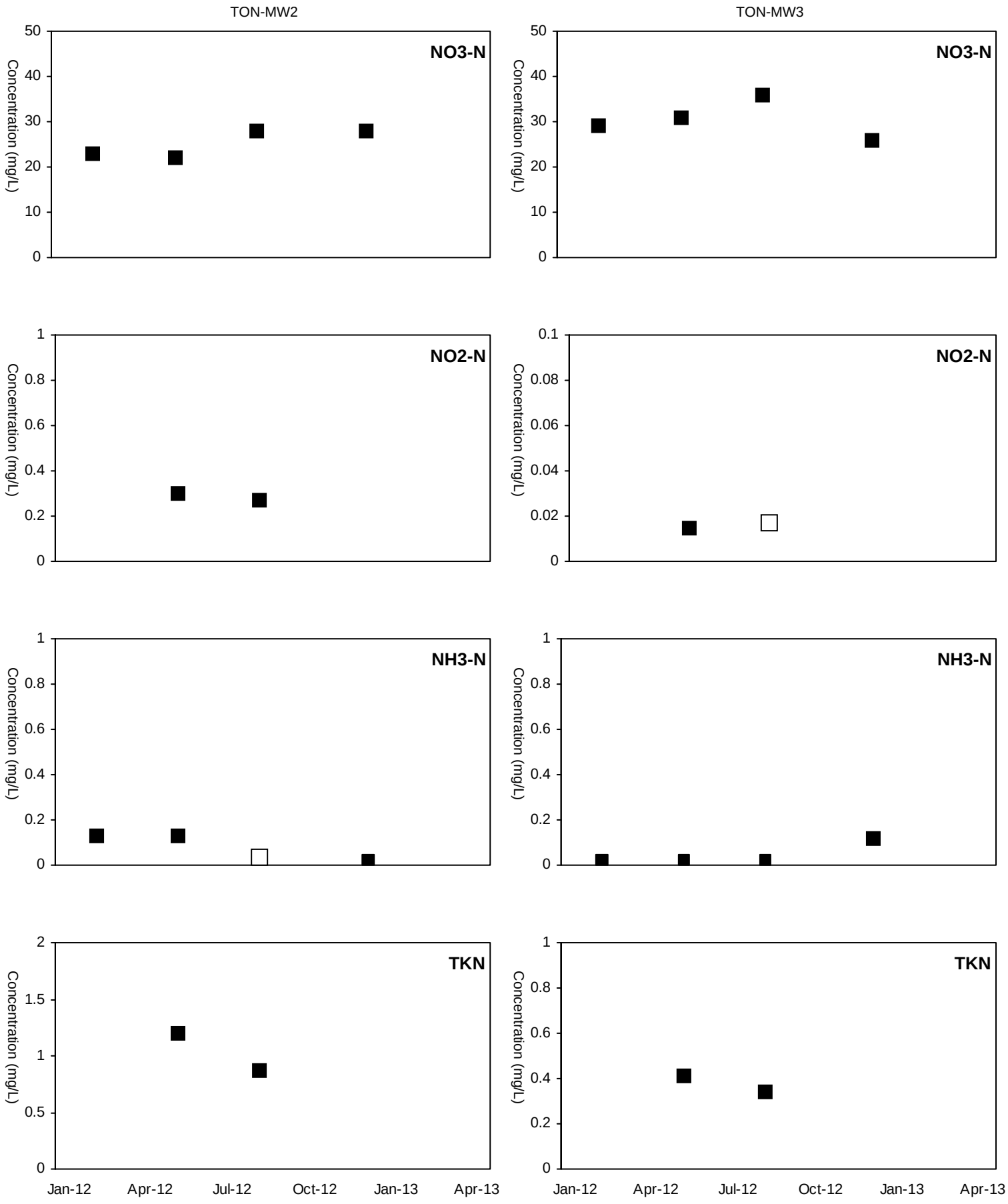
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



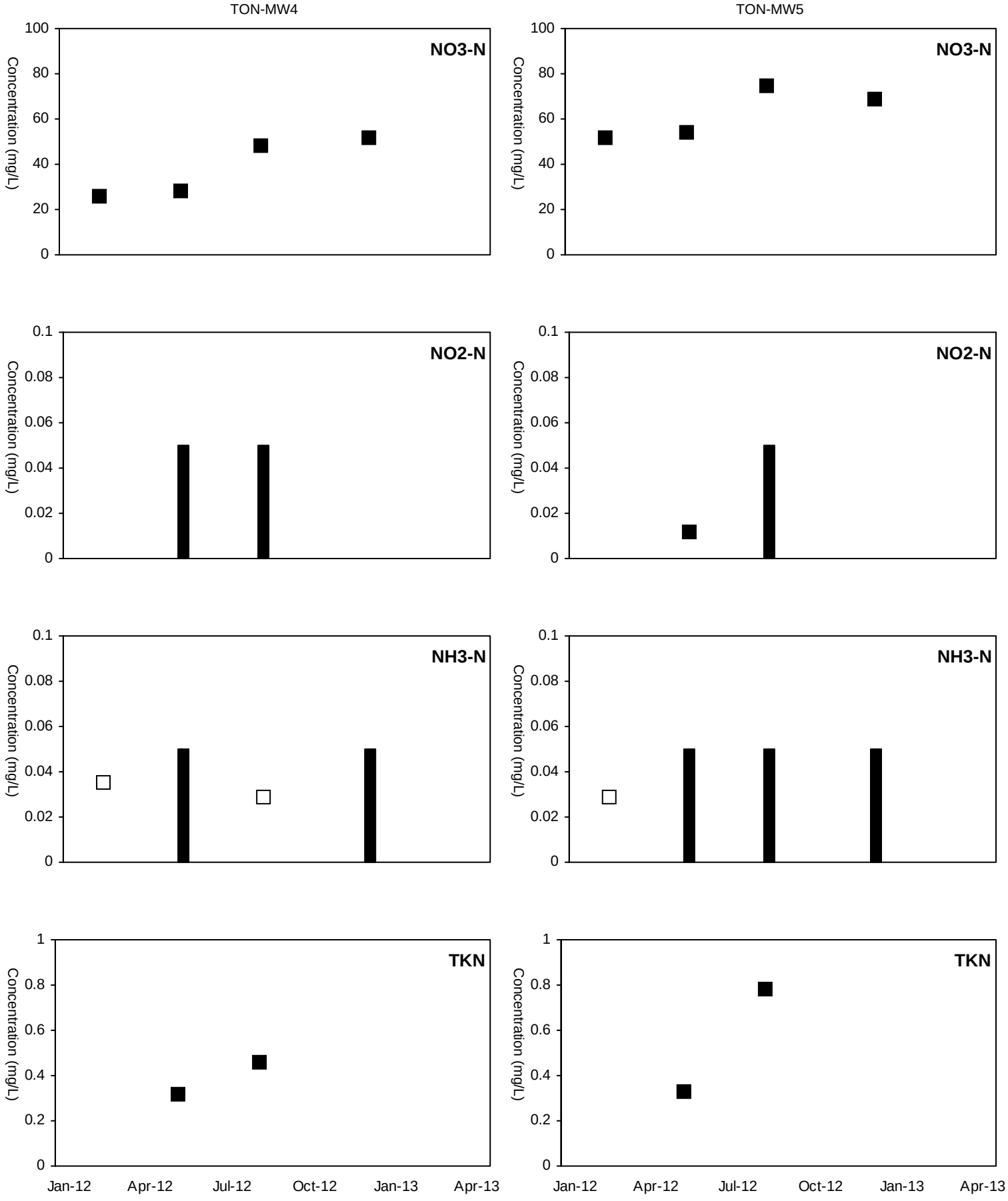
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



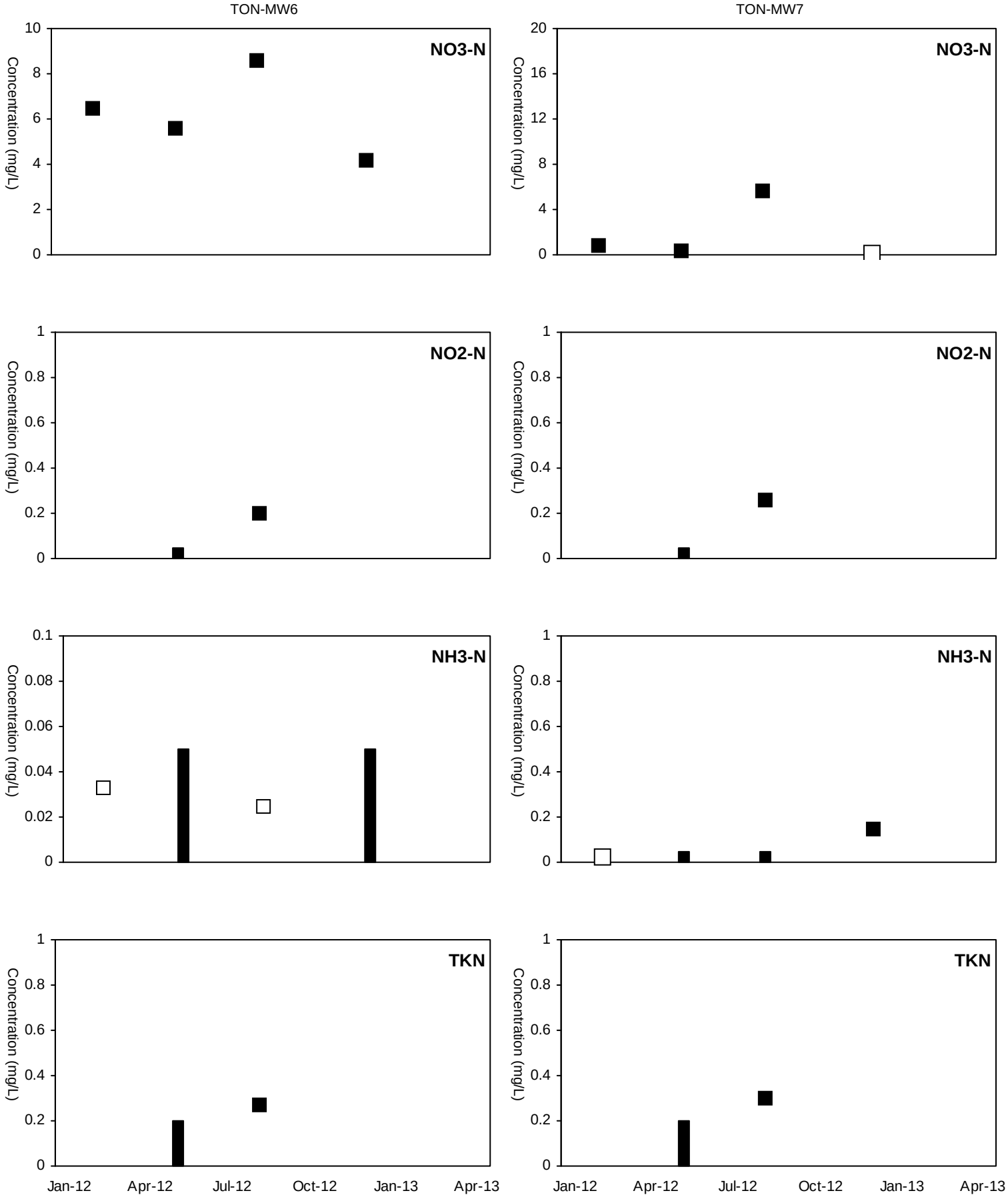
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

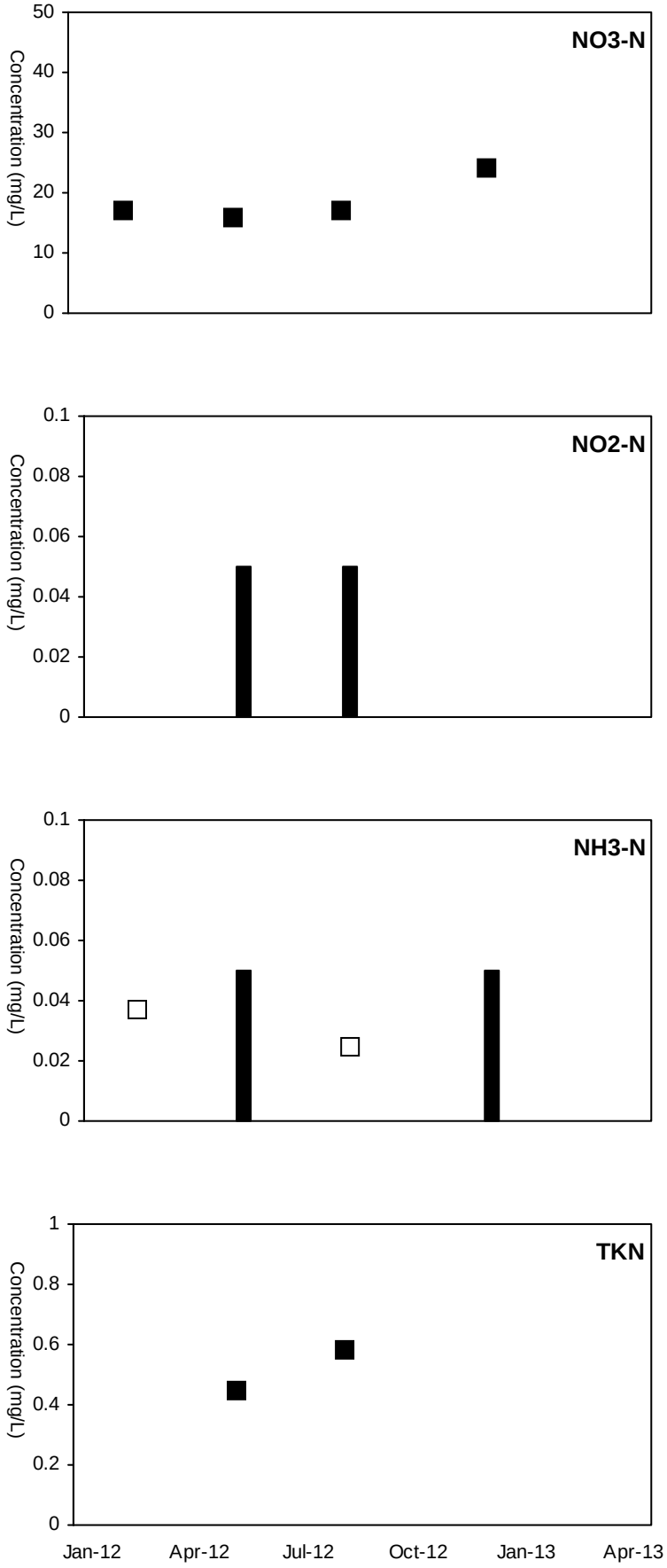
Shallow Well shown with black symbols Deep Well shown with orange symbols



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

TON-MW8



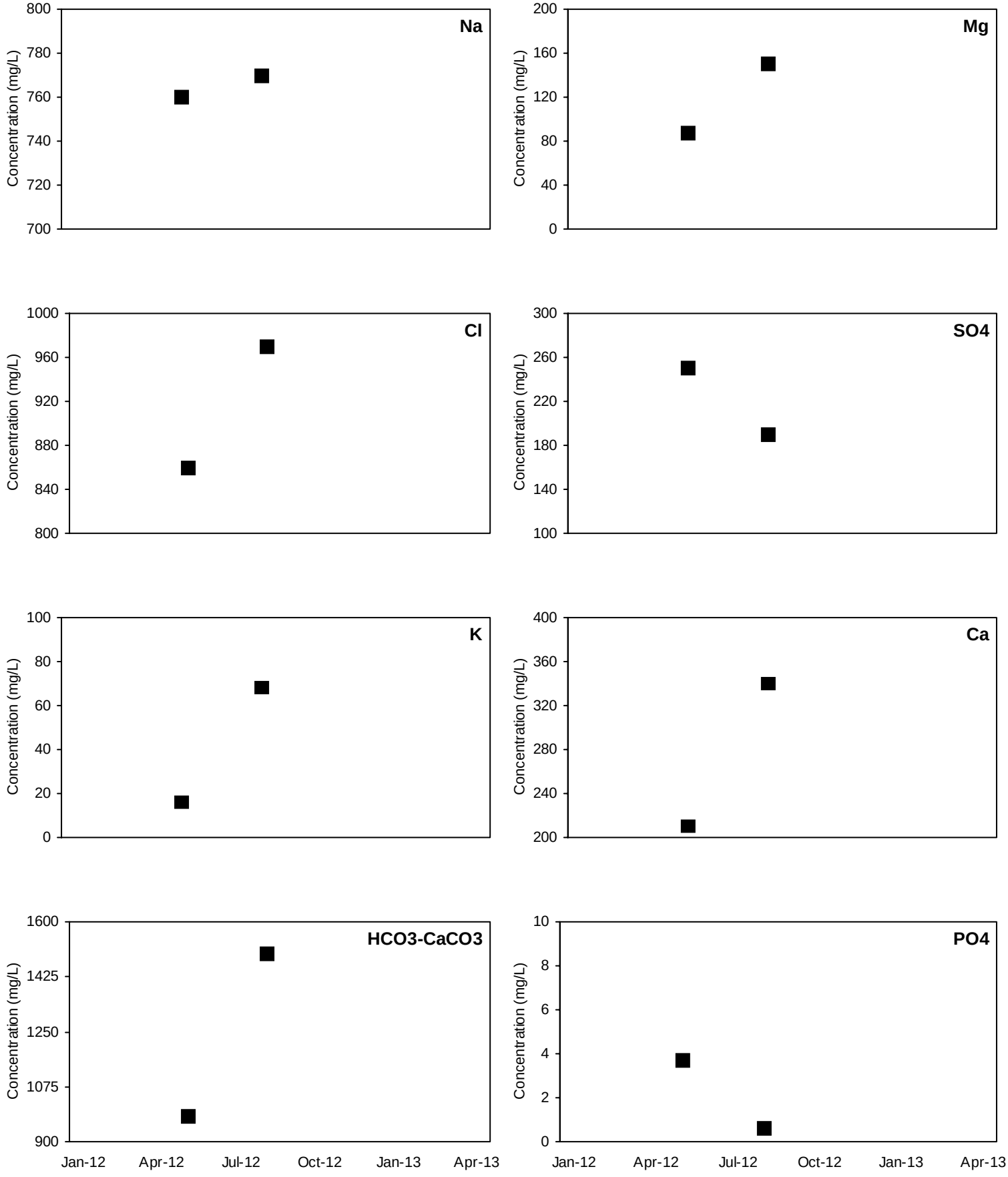
■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

Attachment A6

General Mineral Concentrations in Groundwater, Time Series Plots

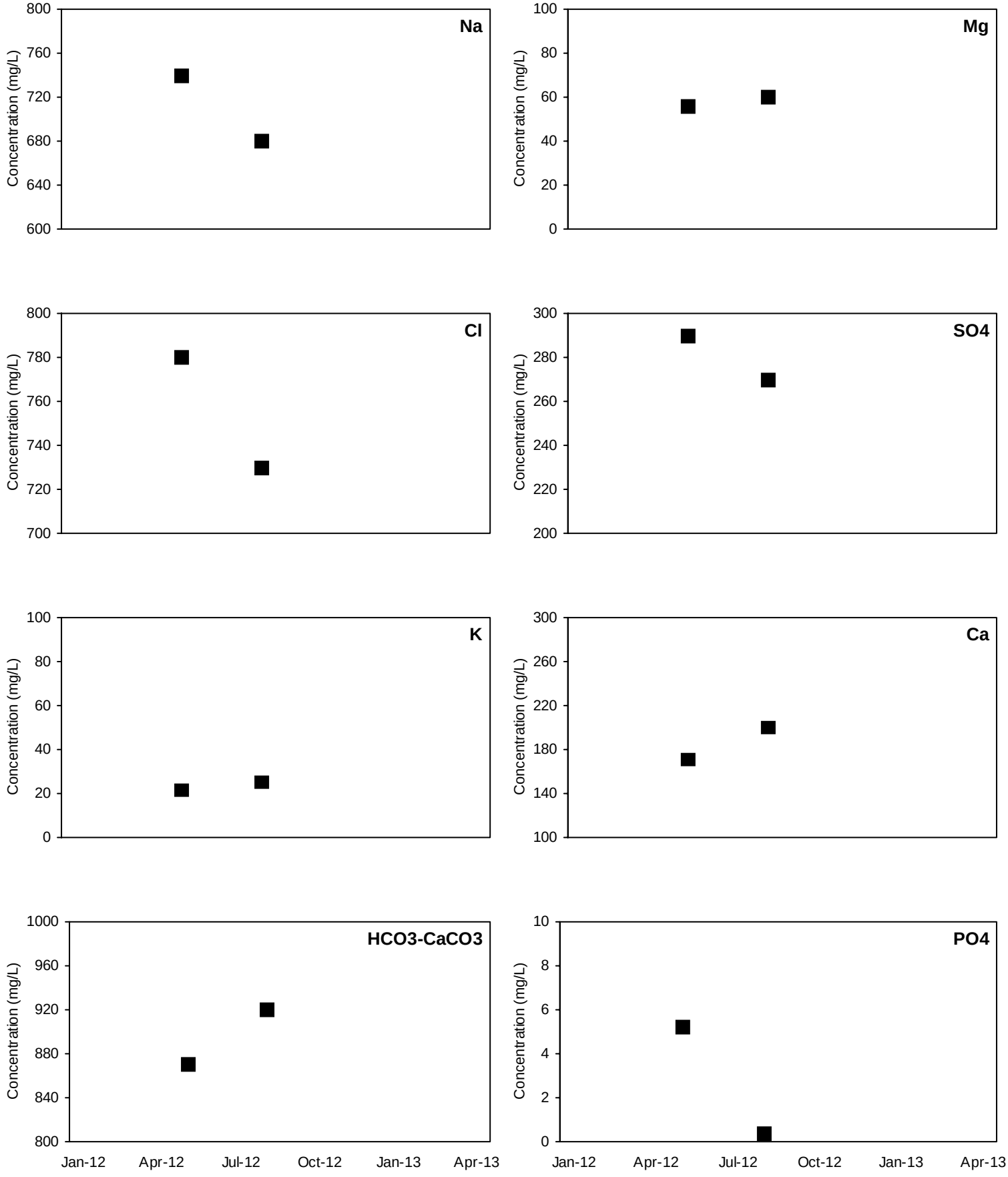
MEN-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

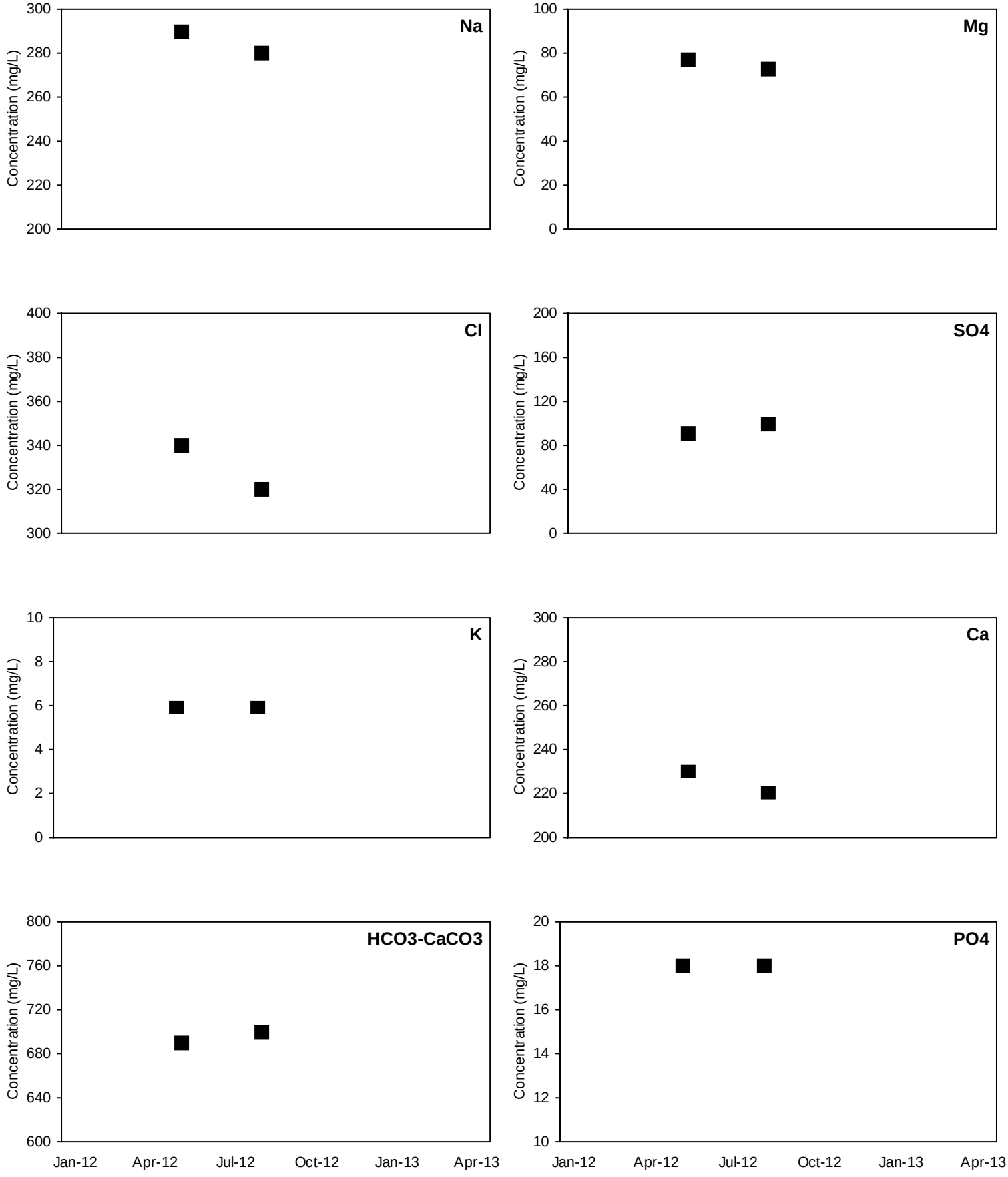
MEN-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

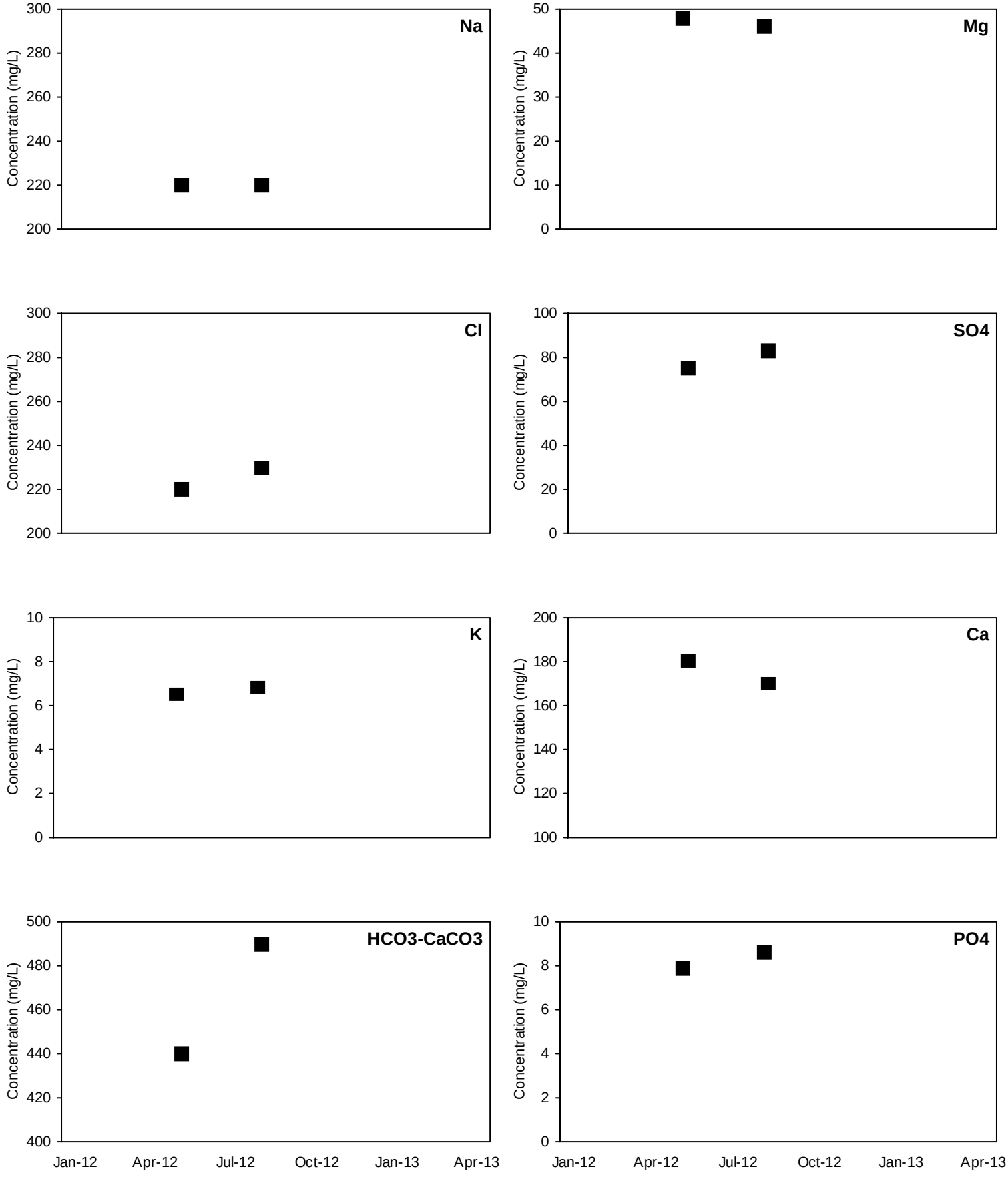
MEN-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

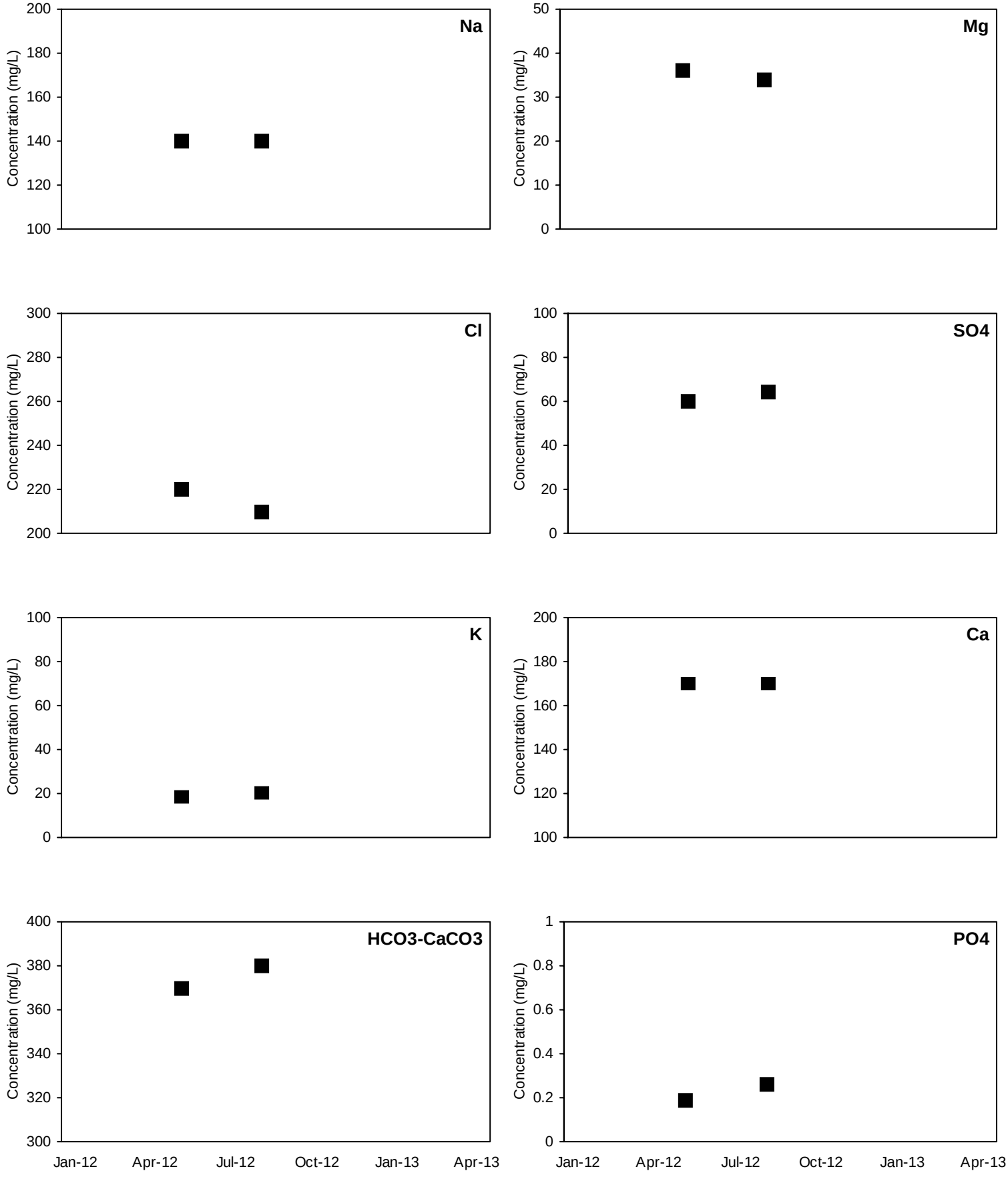
MEN-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

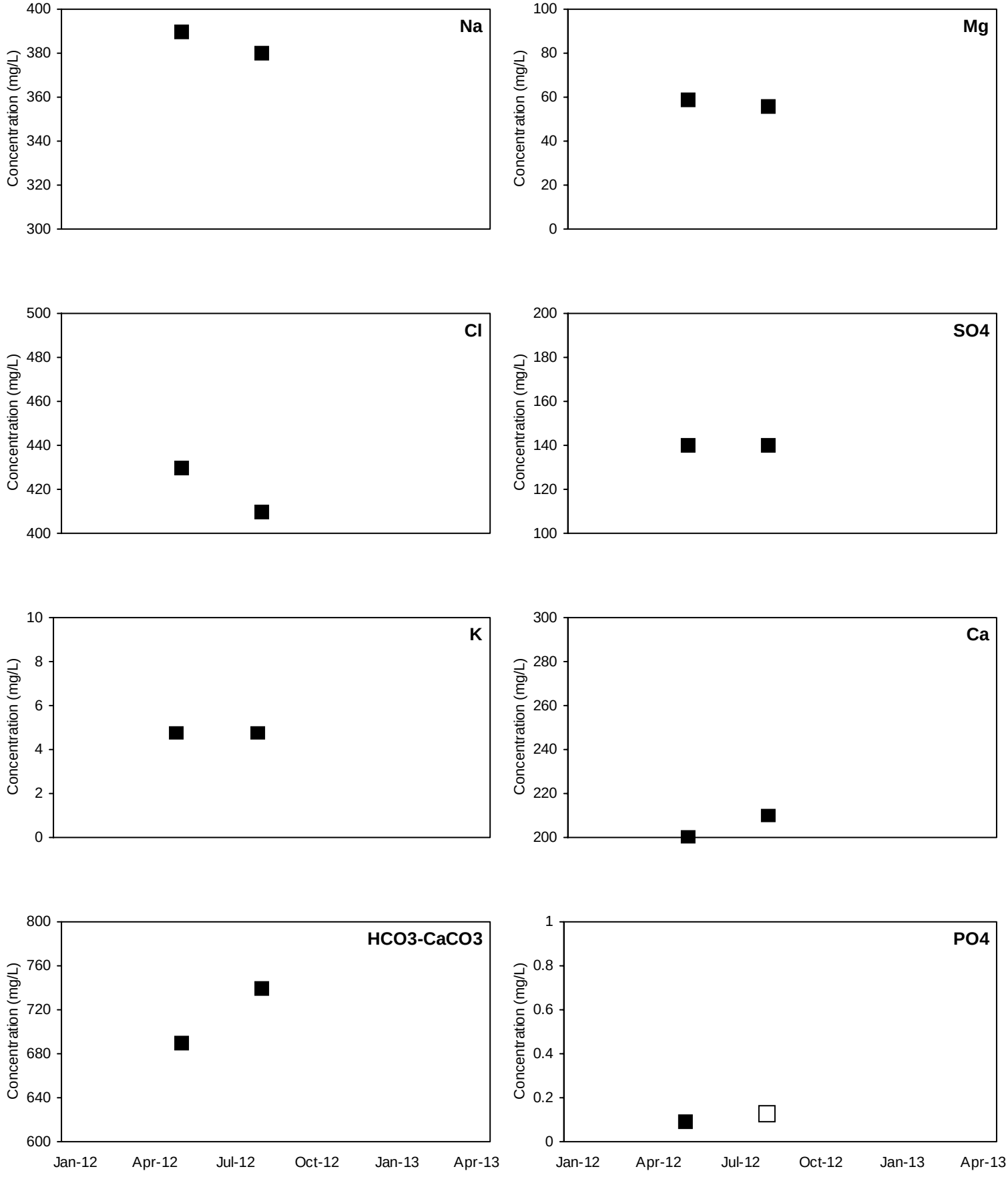
MEN-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

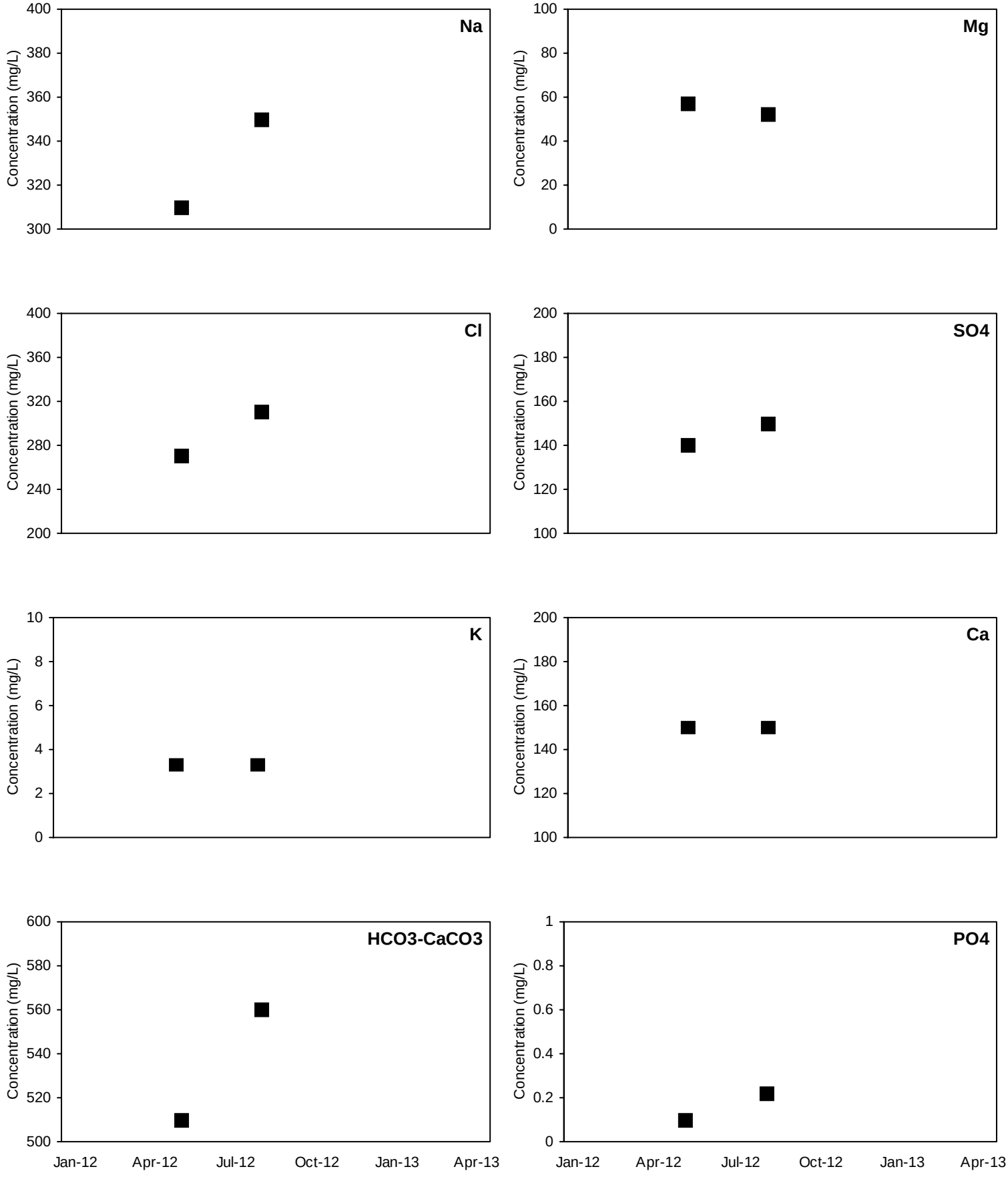
MEN-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

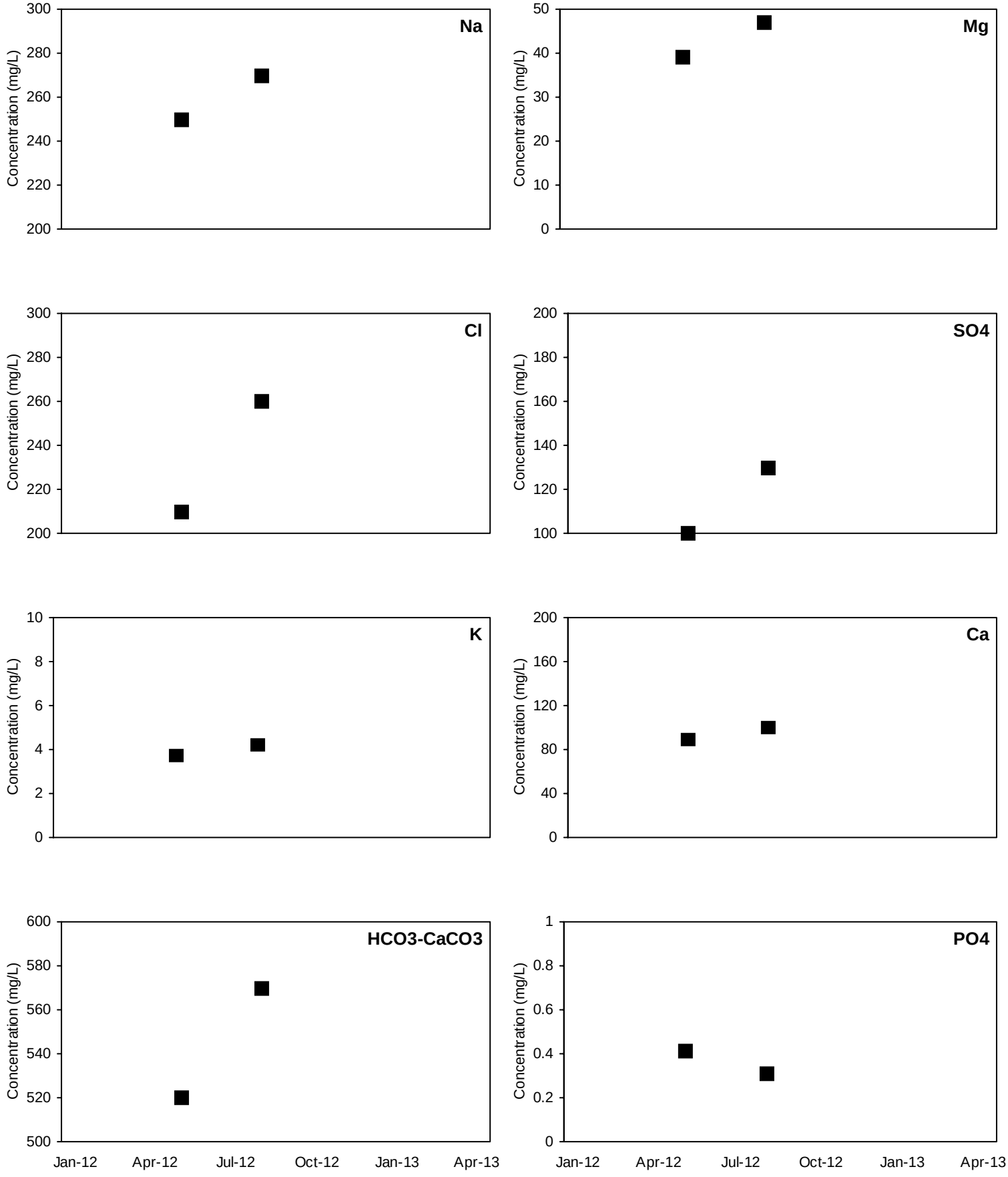
MEN-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

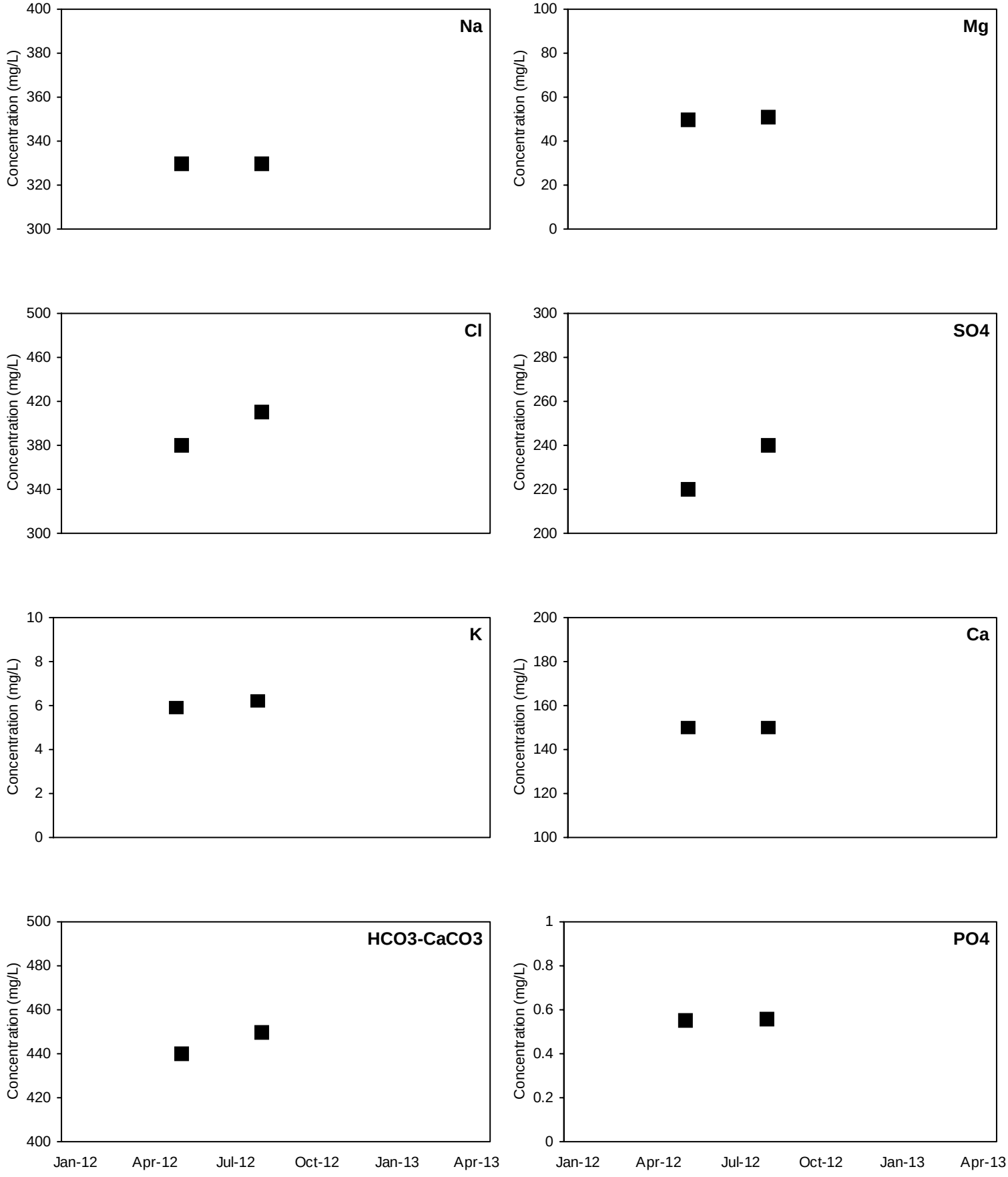
ANC-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

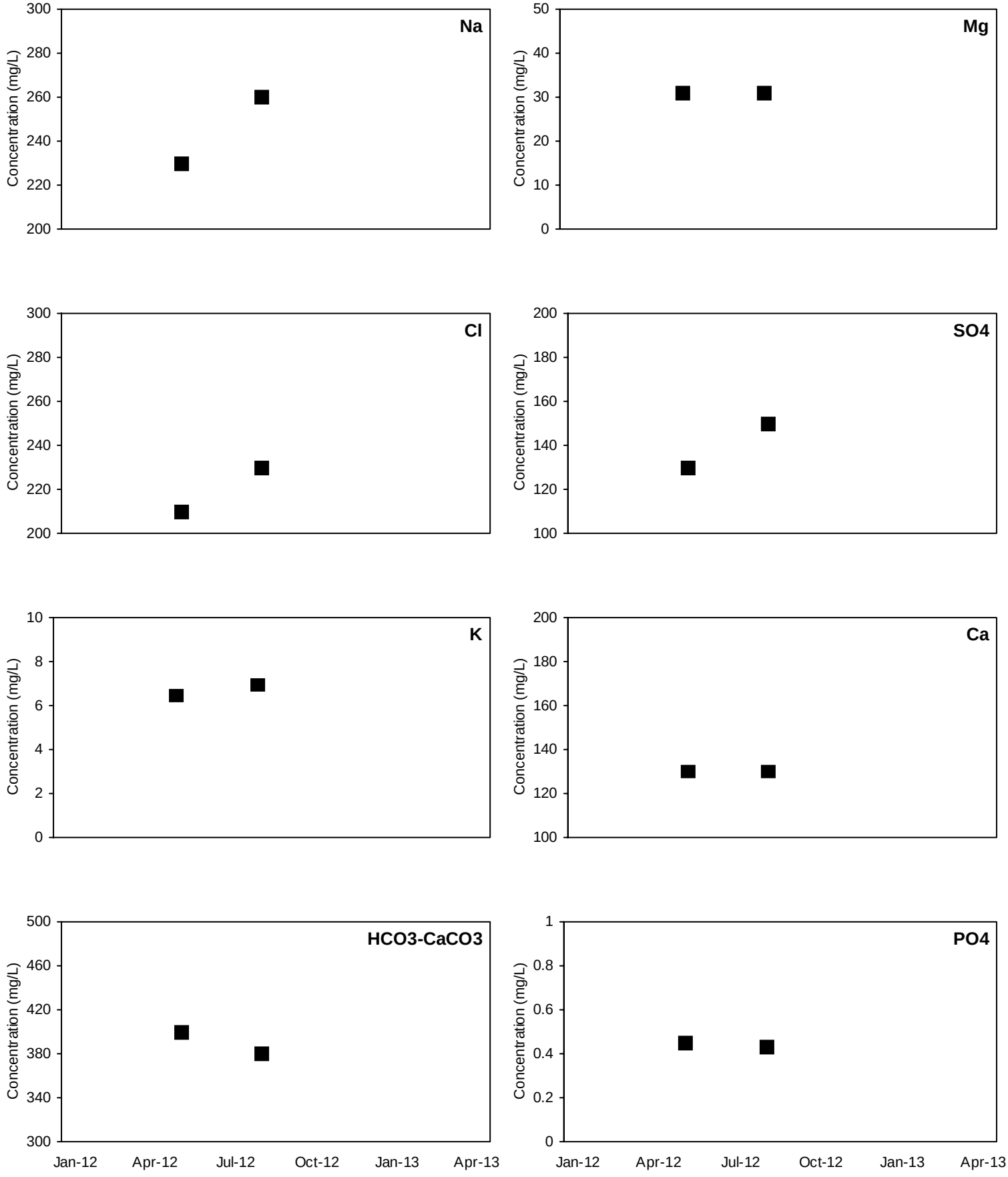
ANC-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

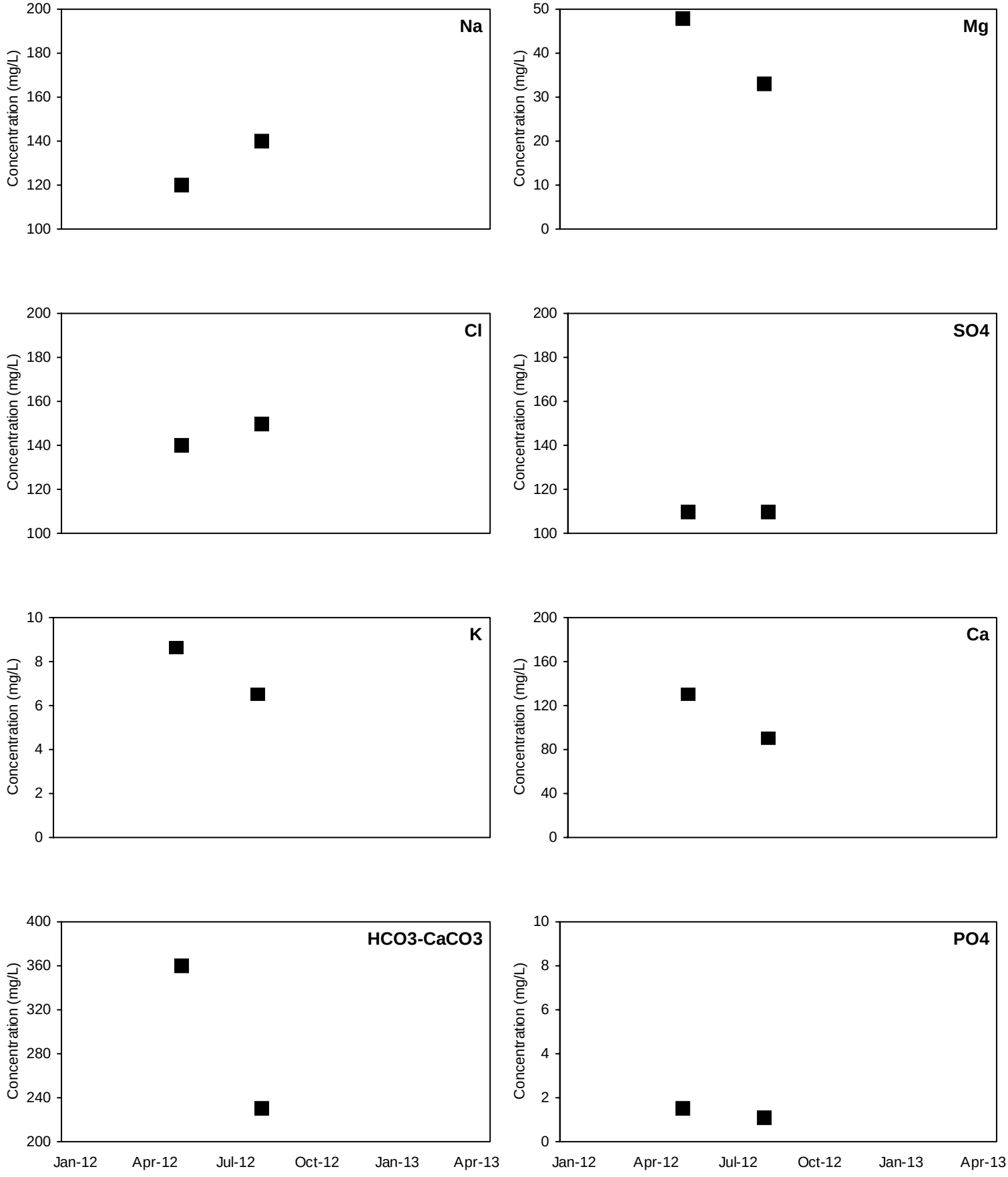
ANC-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

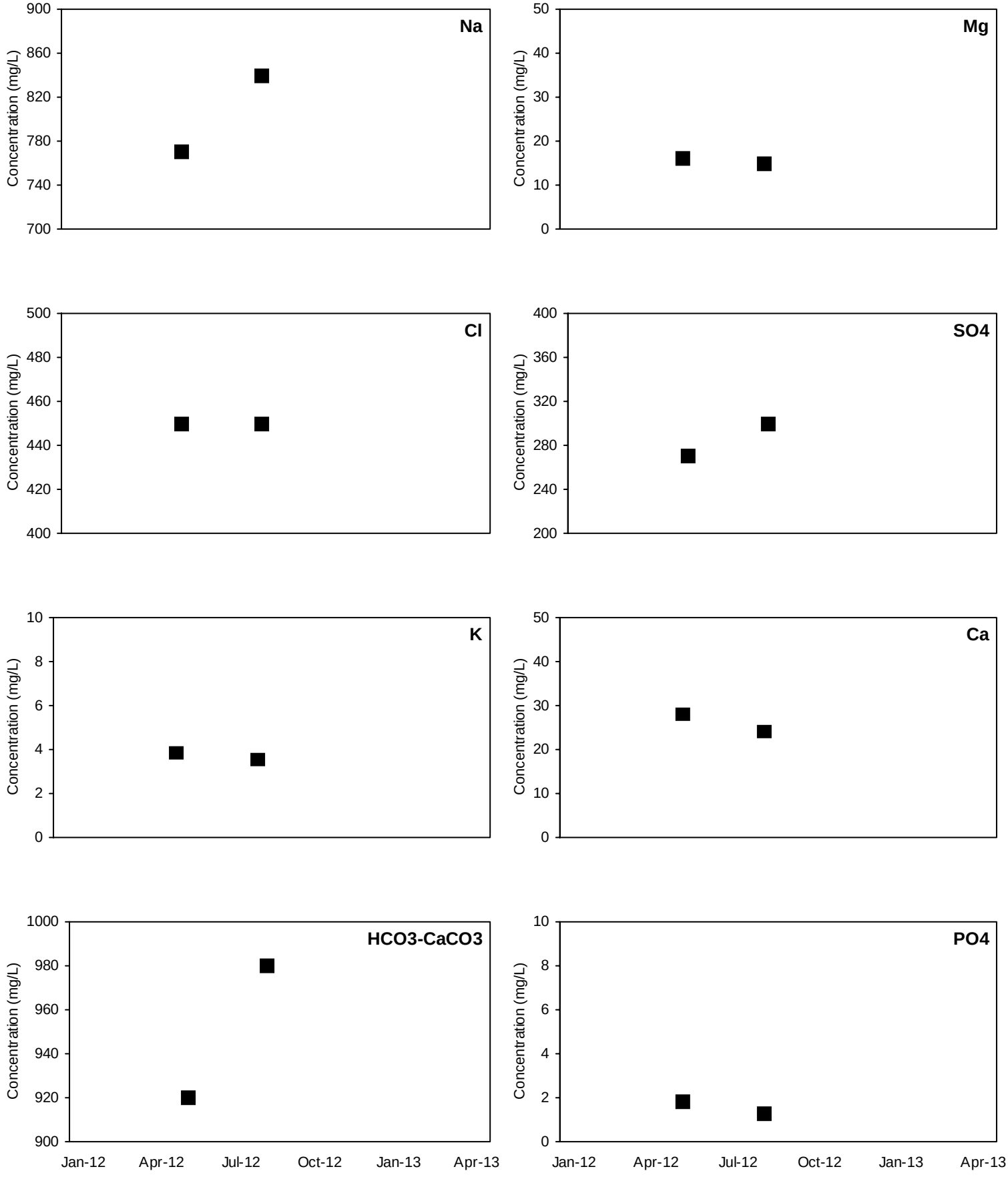
ANC-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

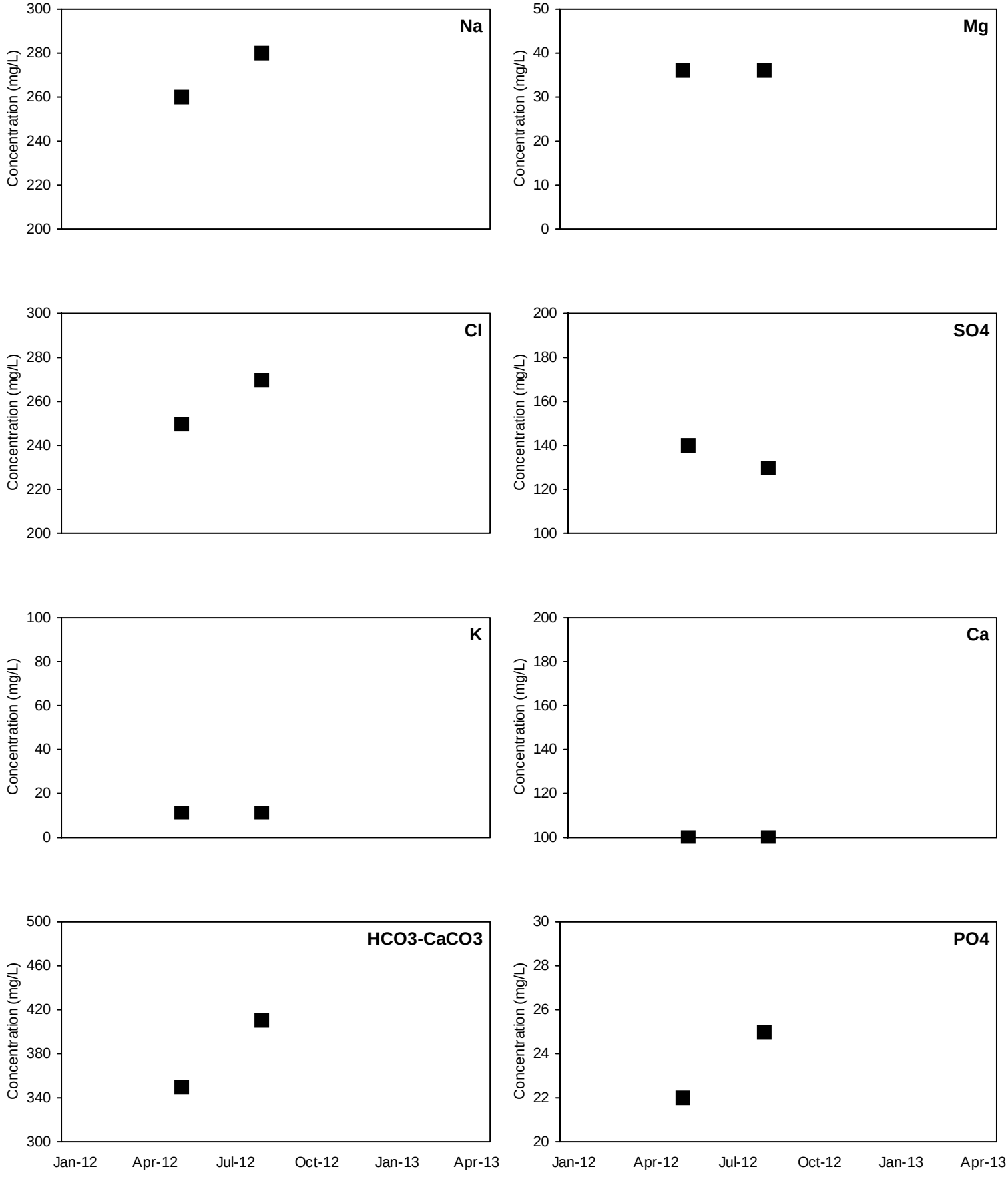
ANC-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

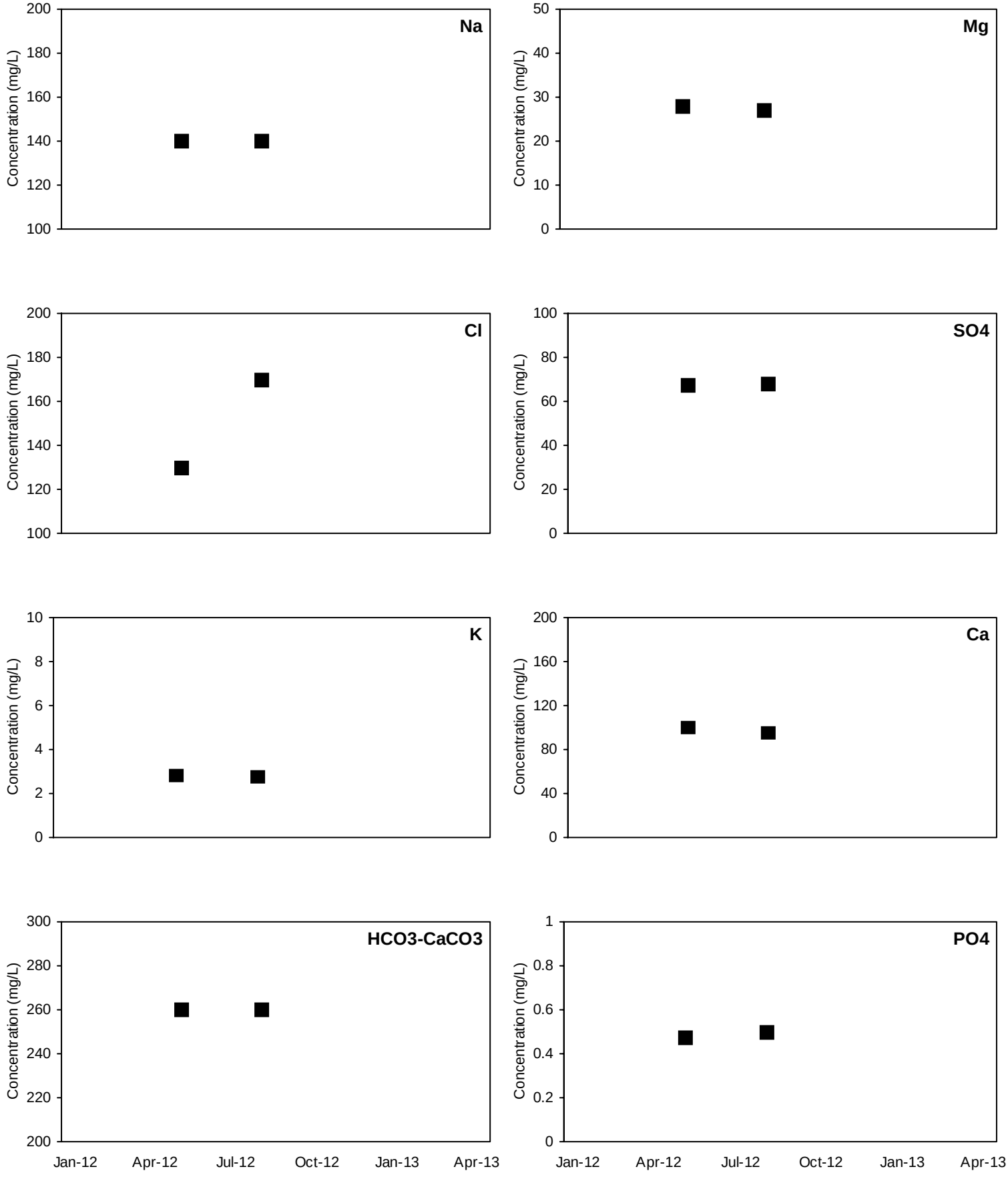
ANC-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

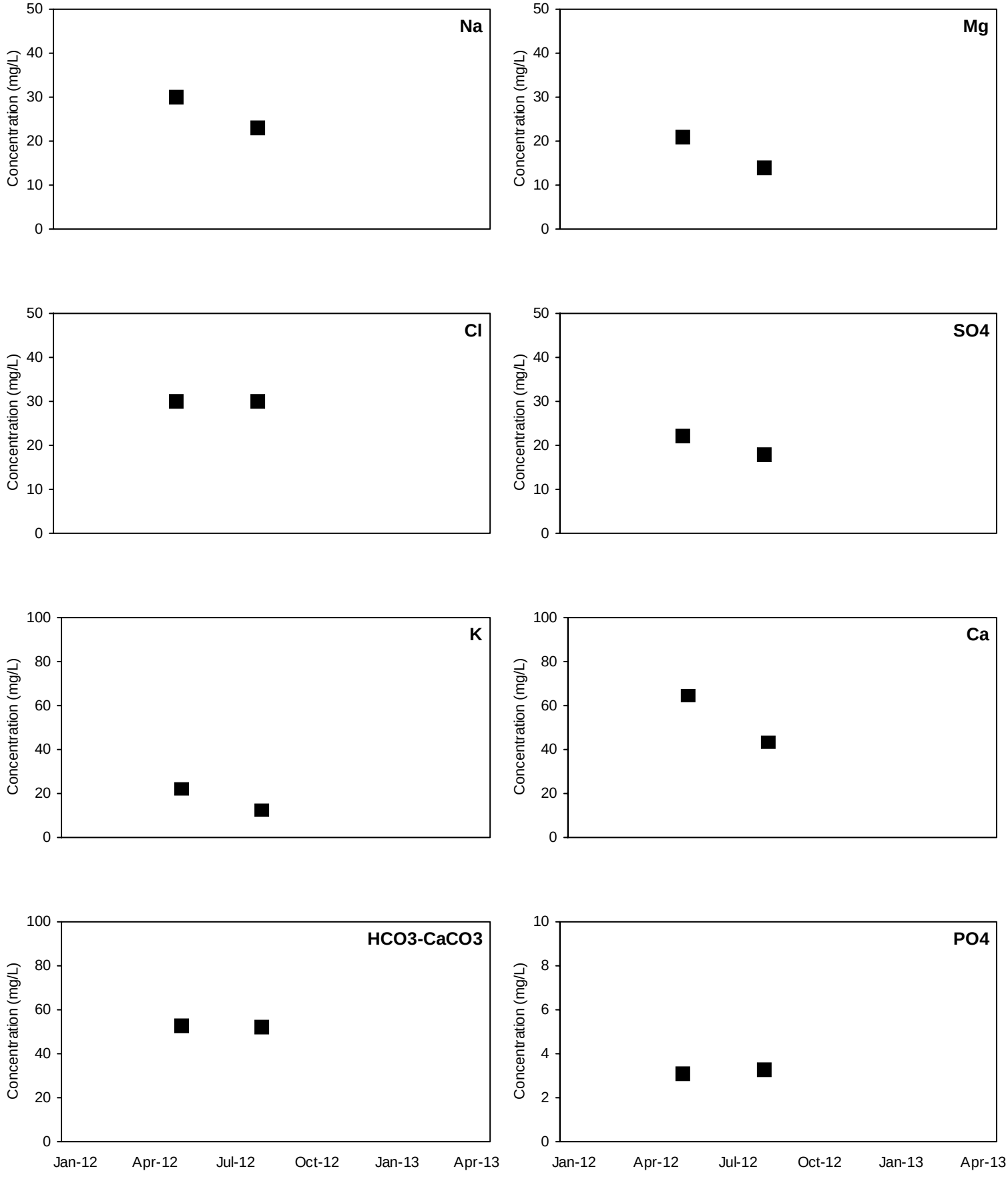
ANC-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

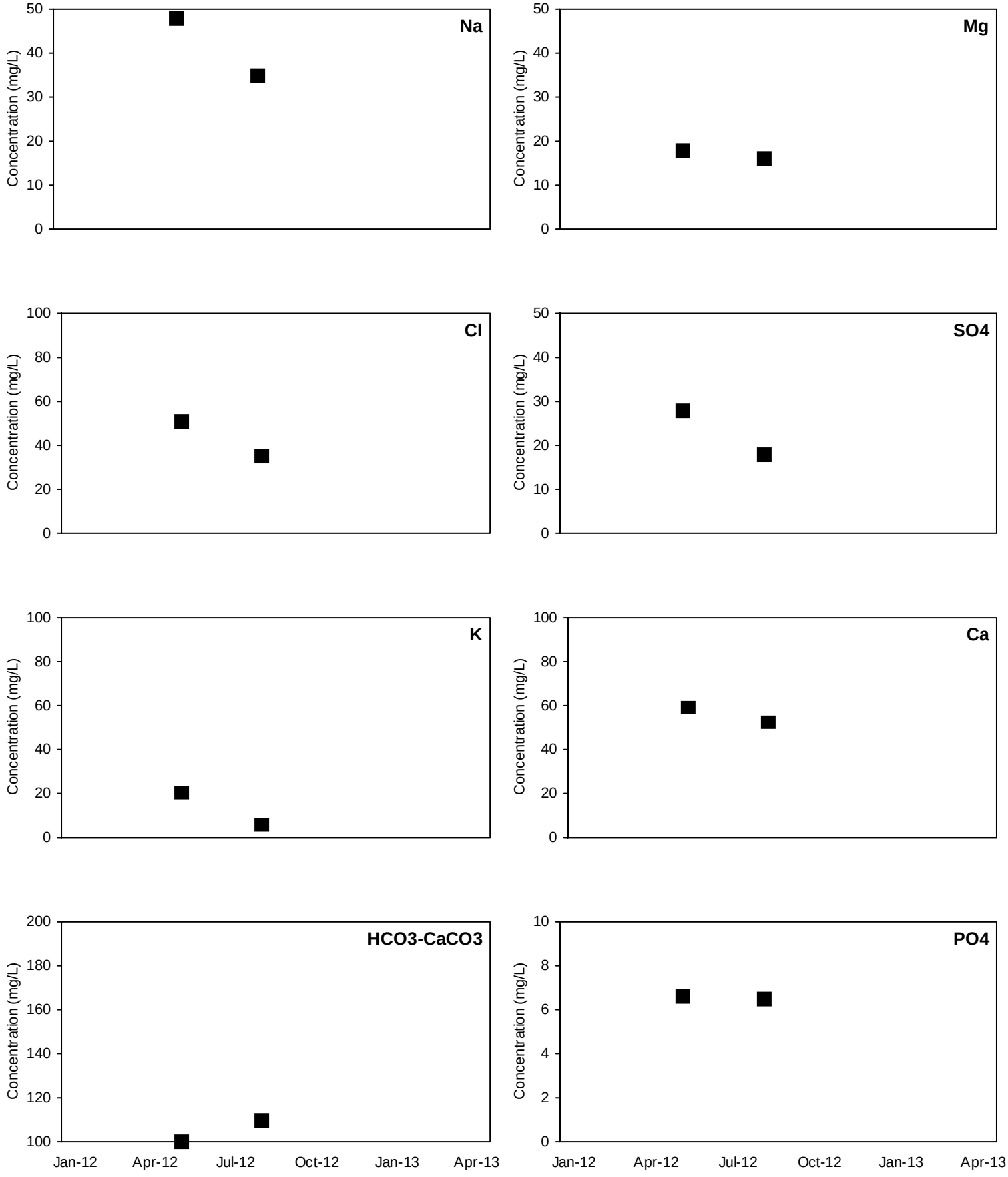
BET-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

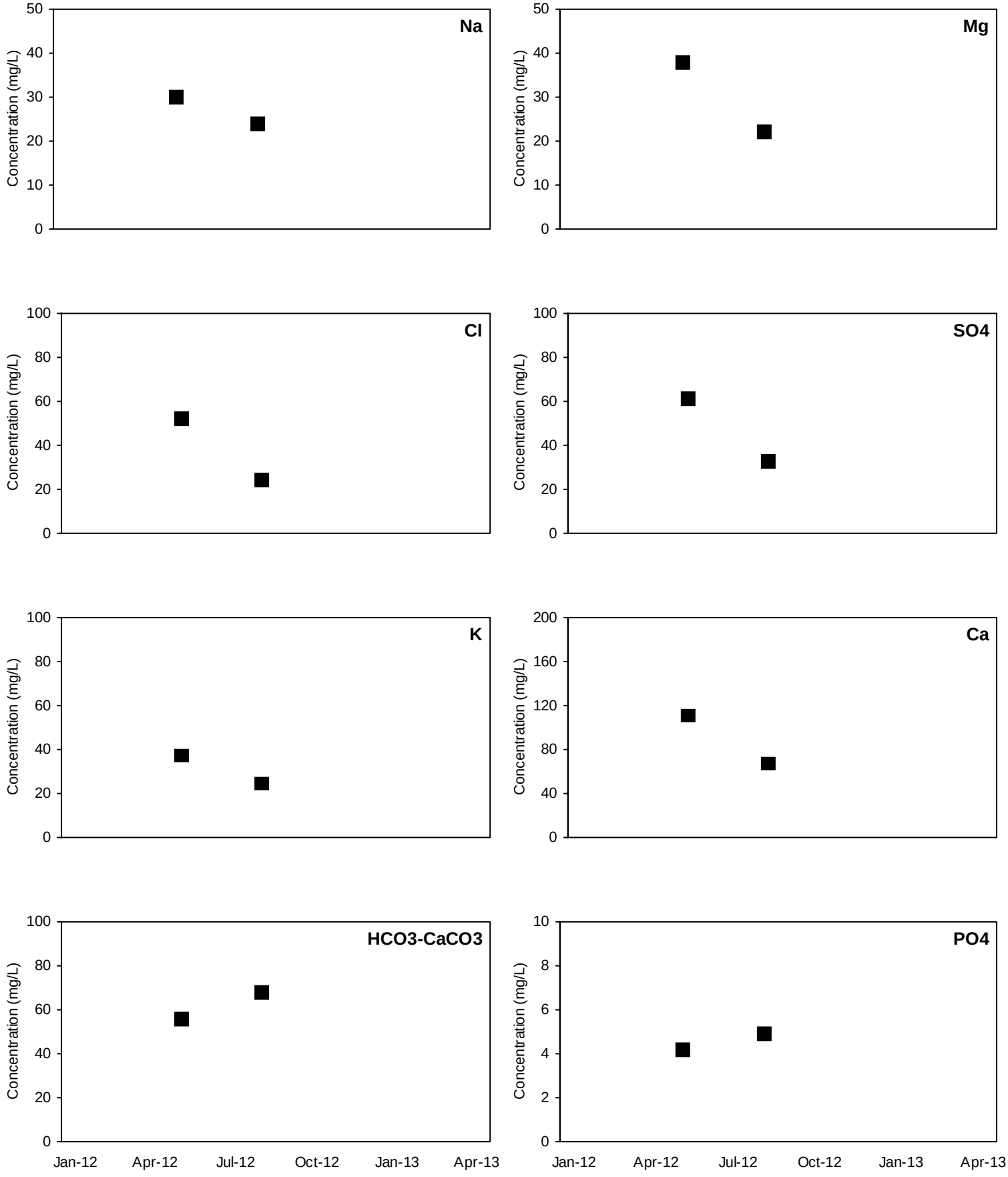
BET-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

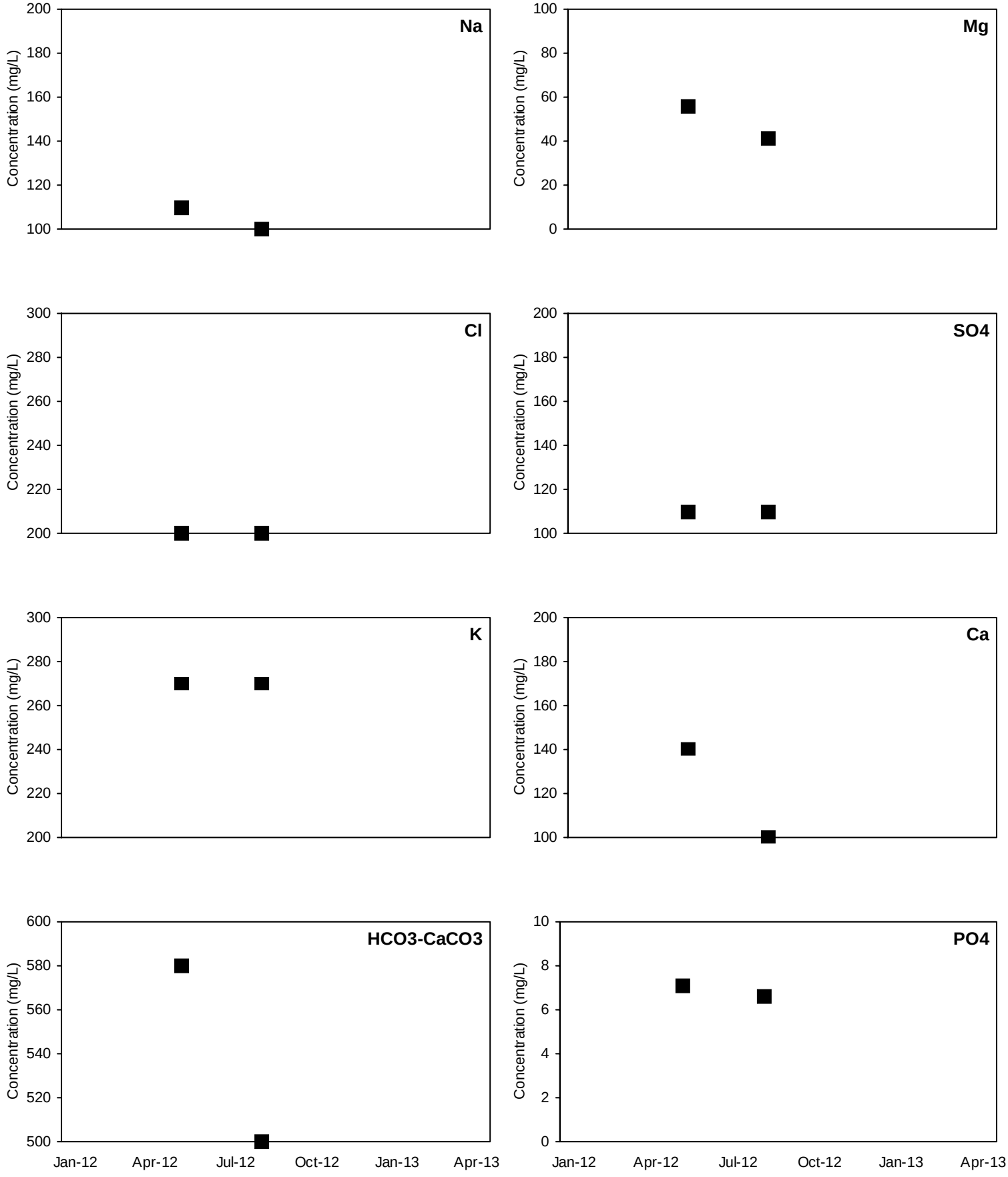
BET-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

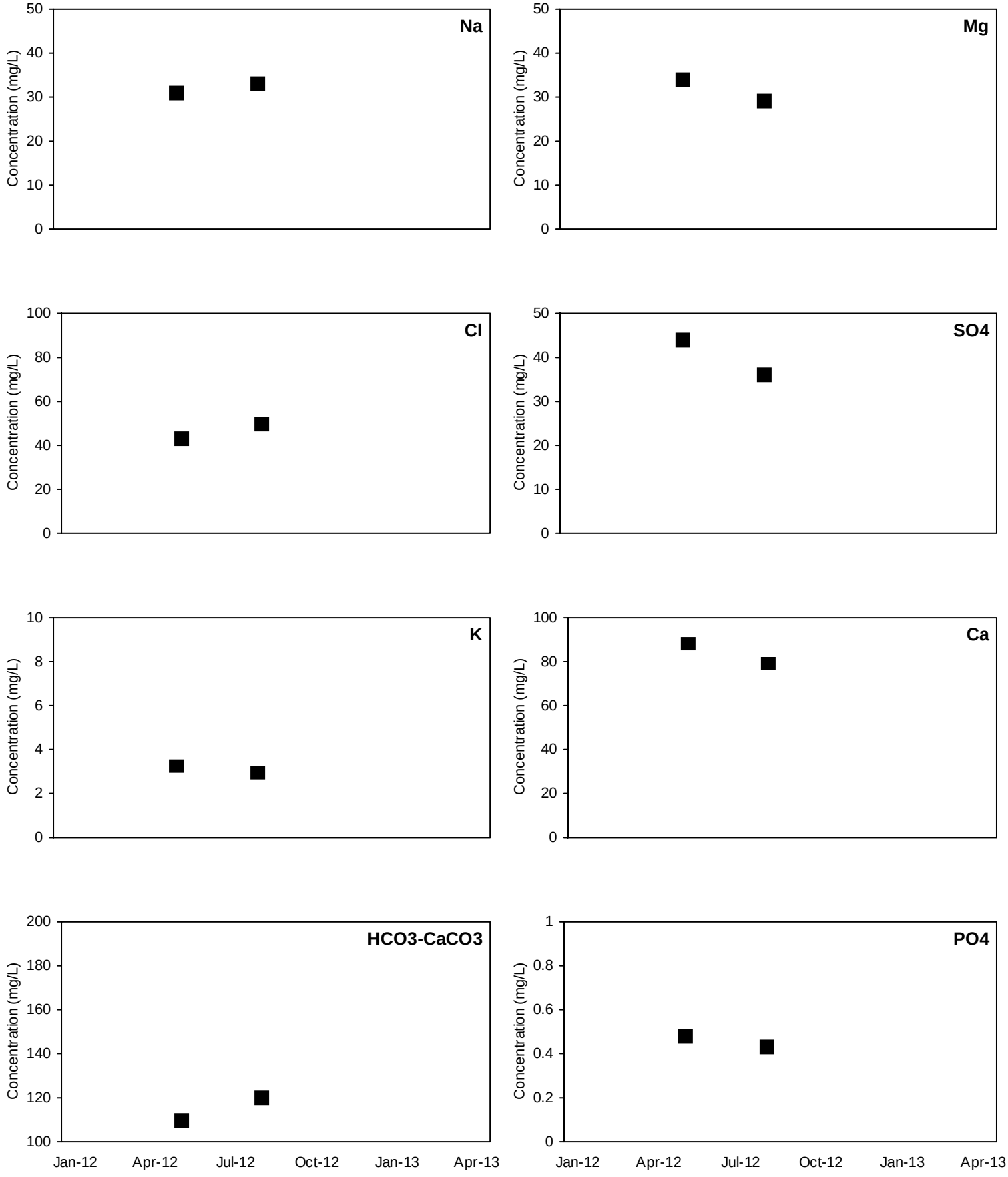
BET-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

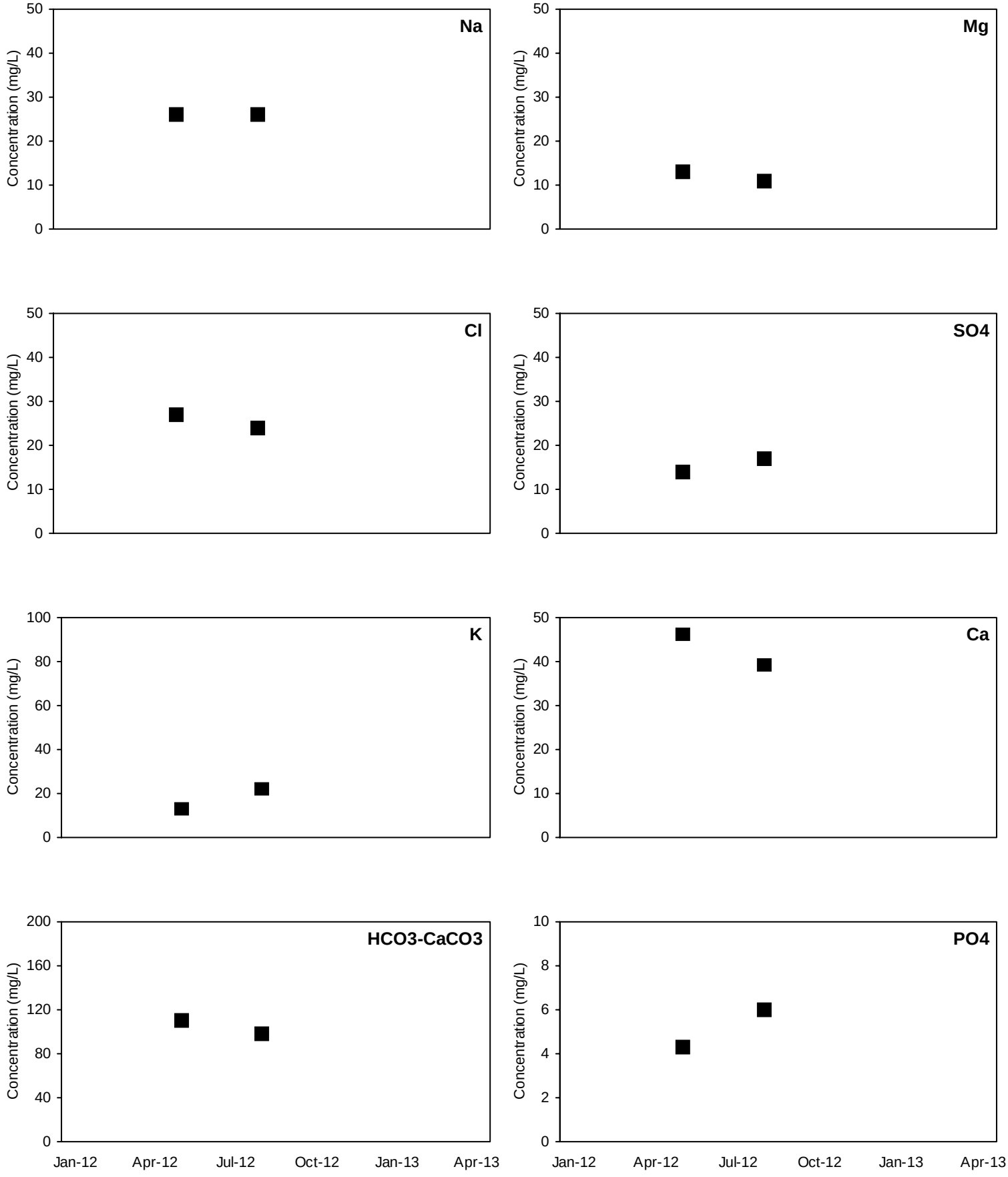
BET-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

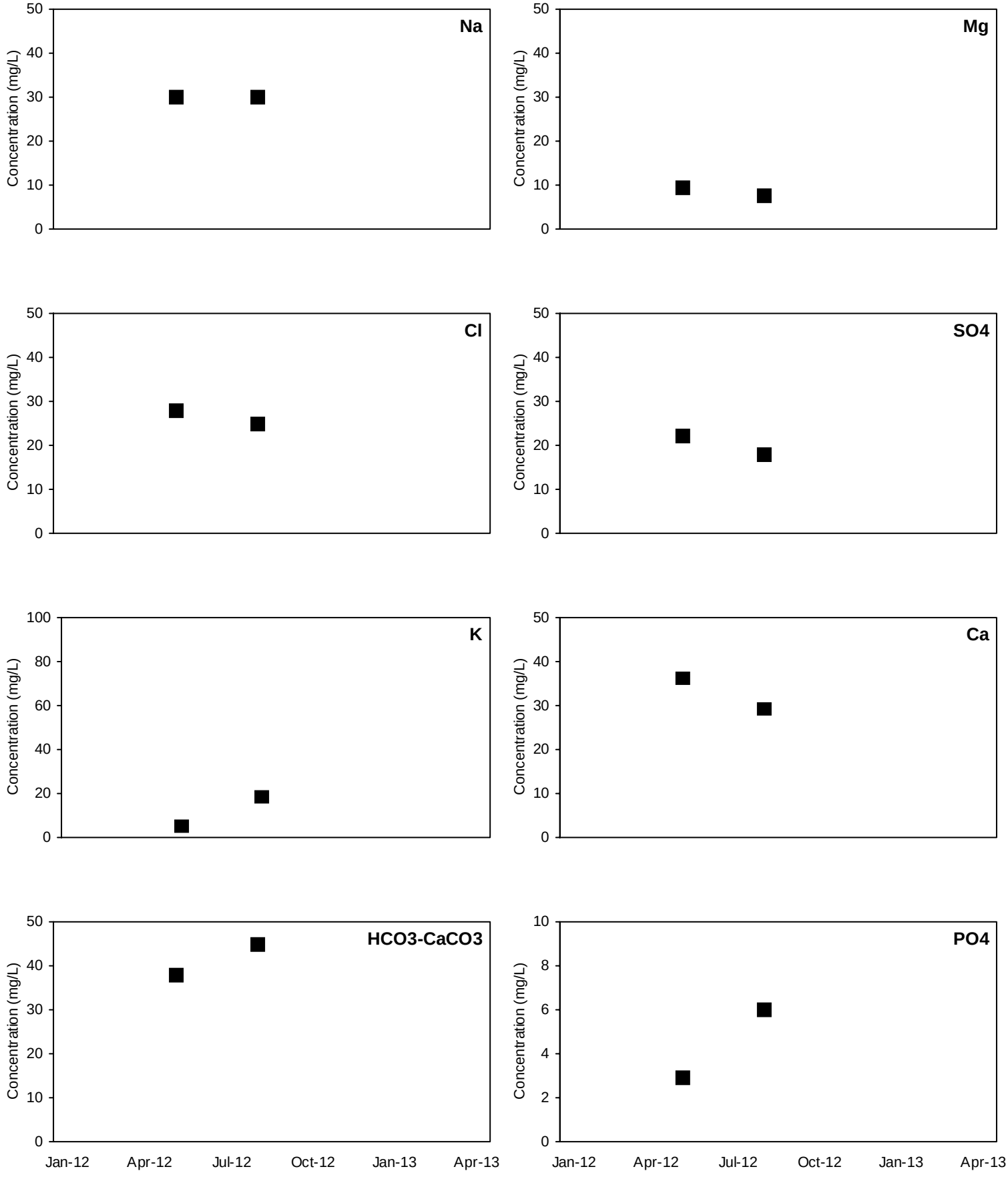
BET-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

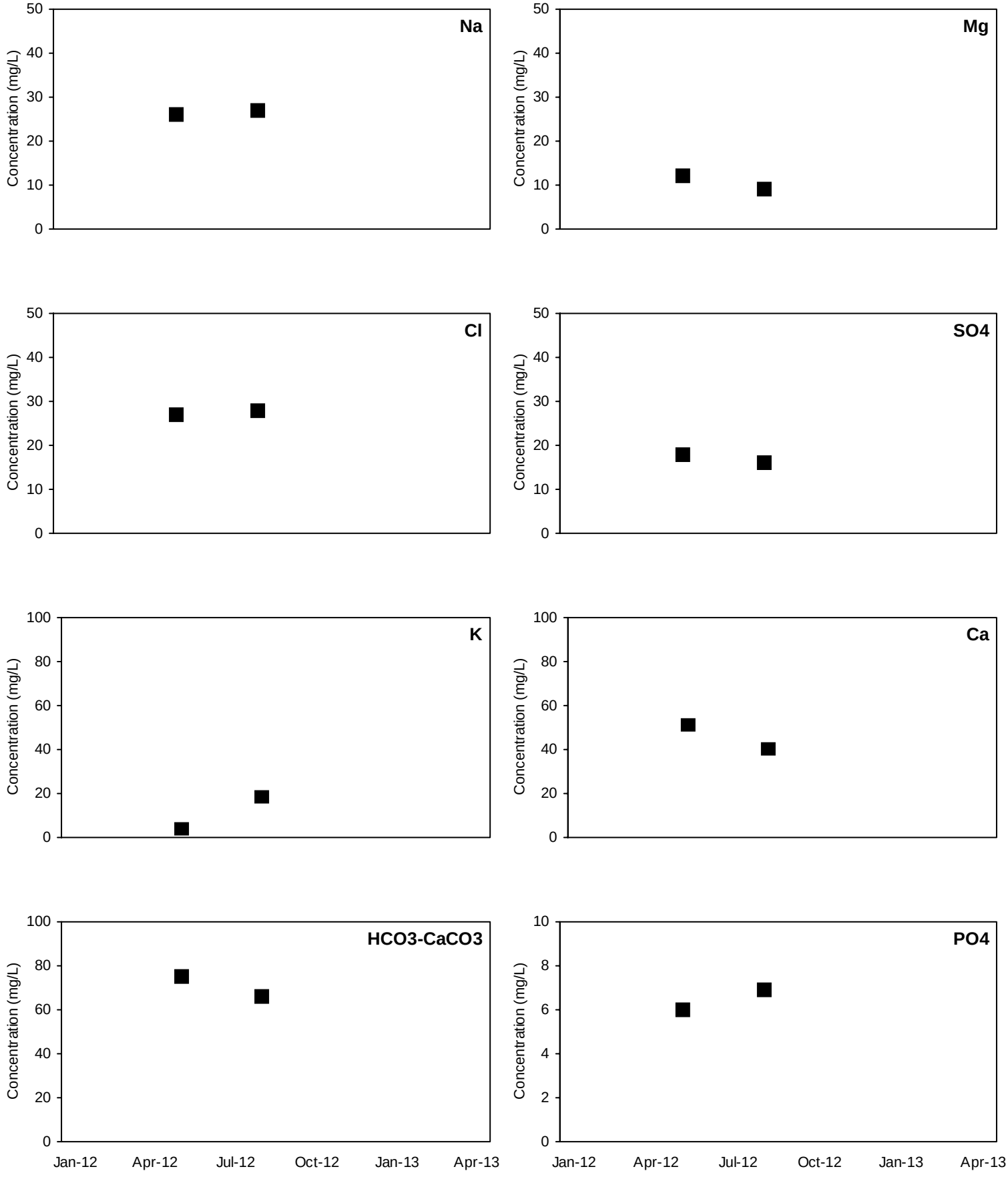
BET-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

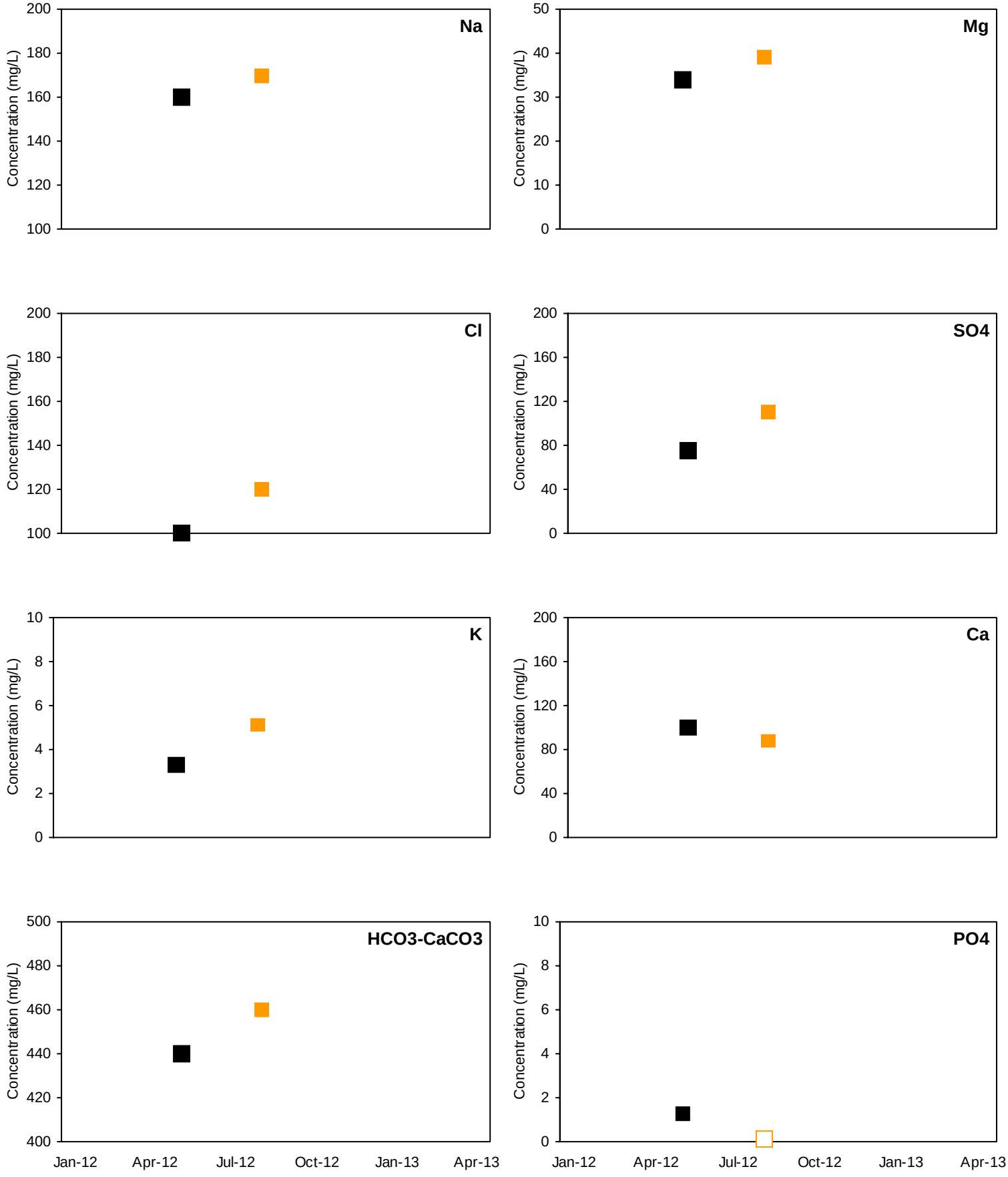
BET-MW8



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

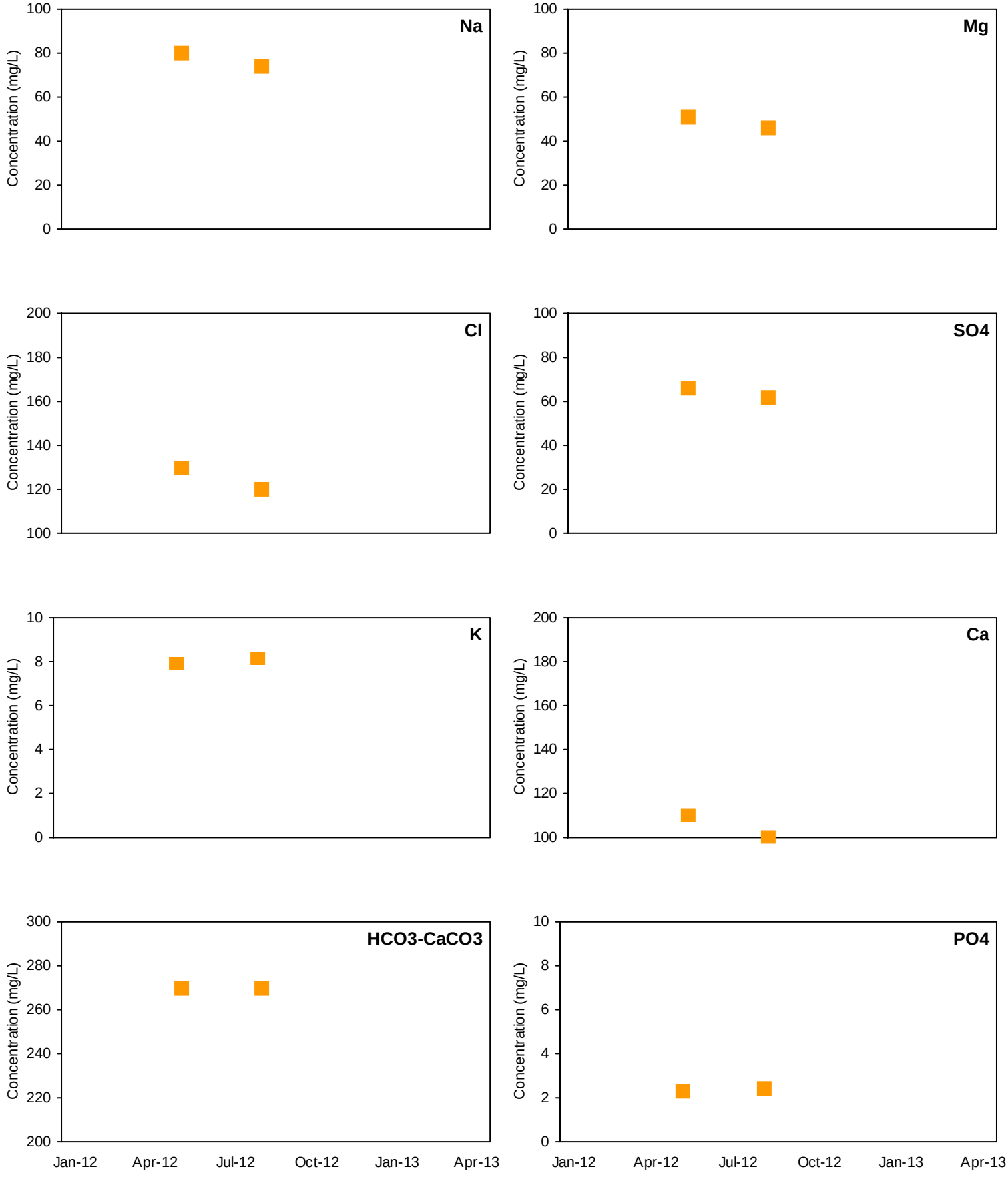
FG1-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

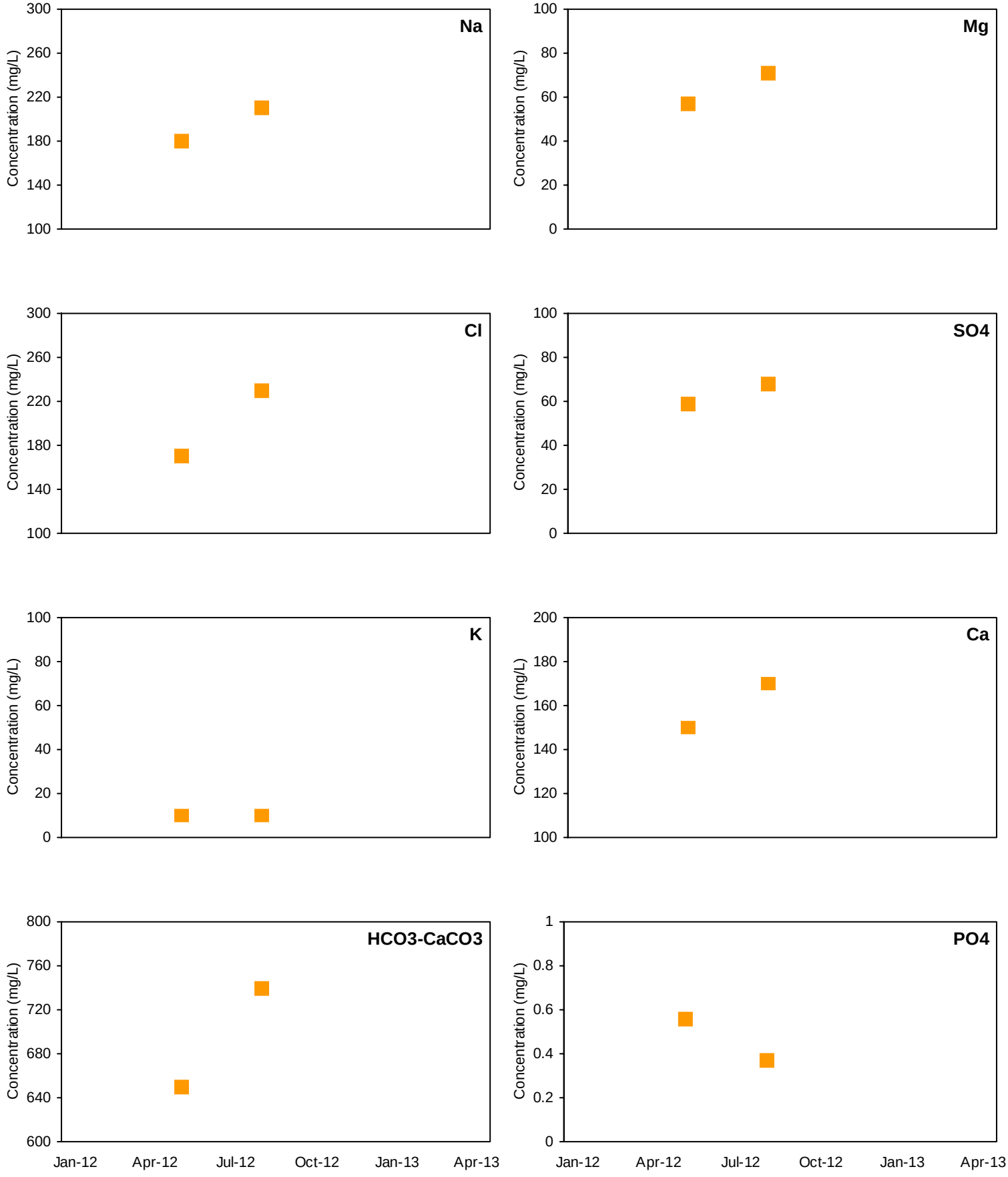
FG1-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

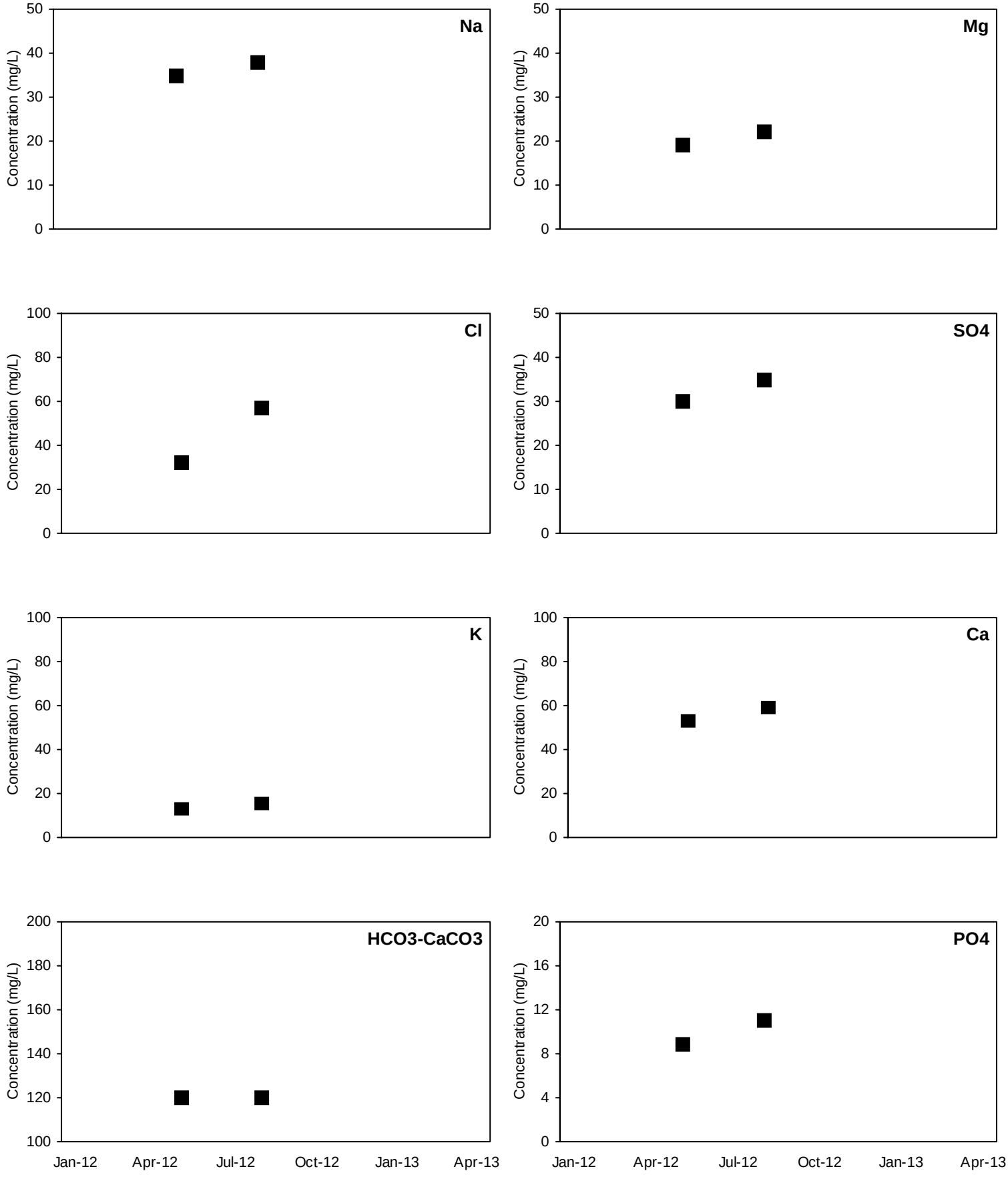
FG1-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

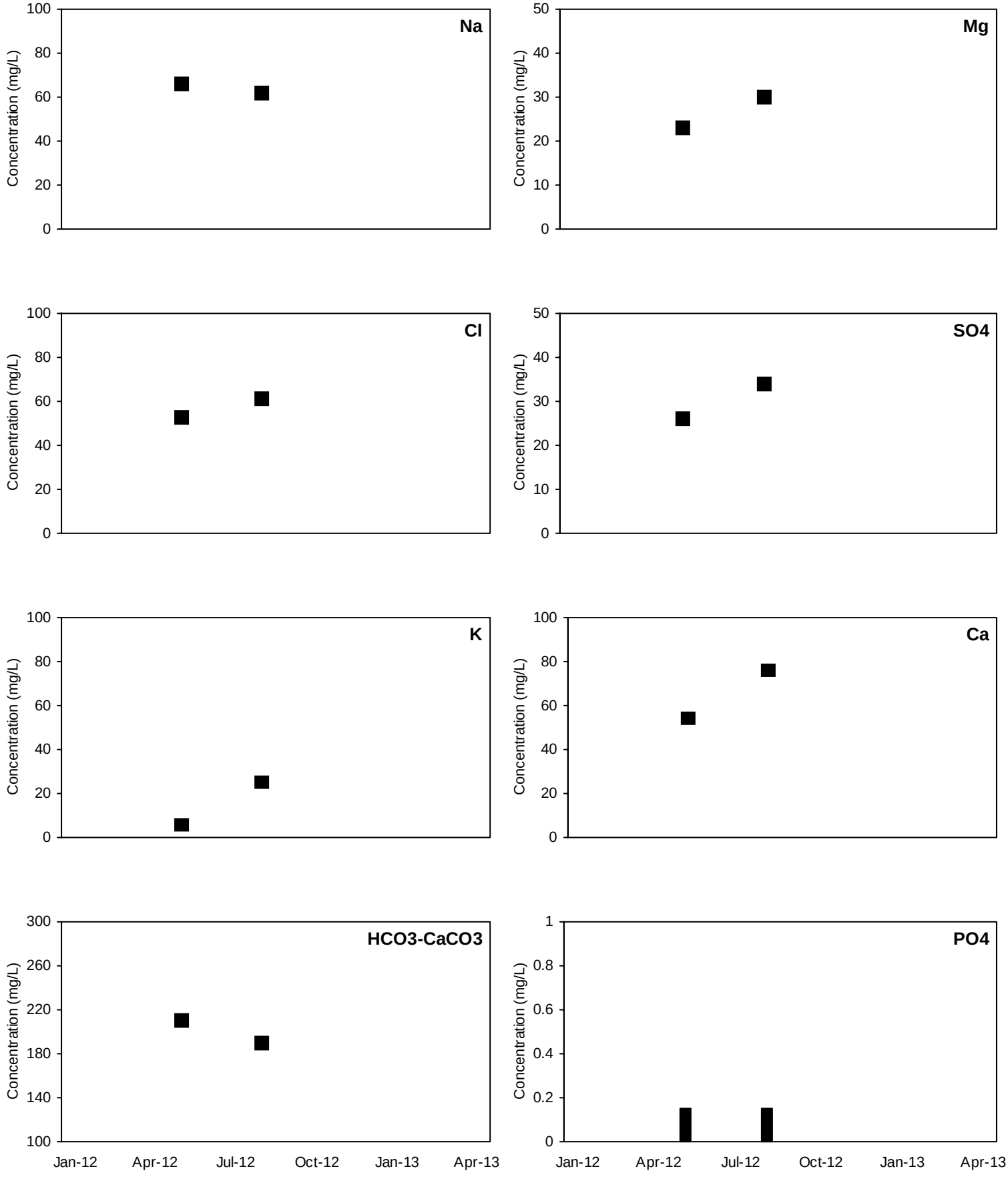
FG1-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

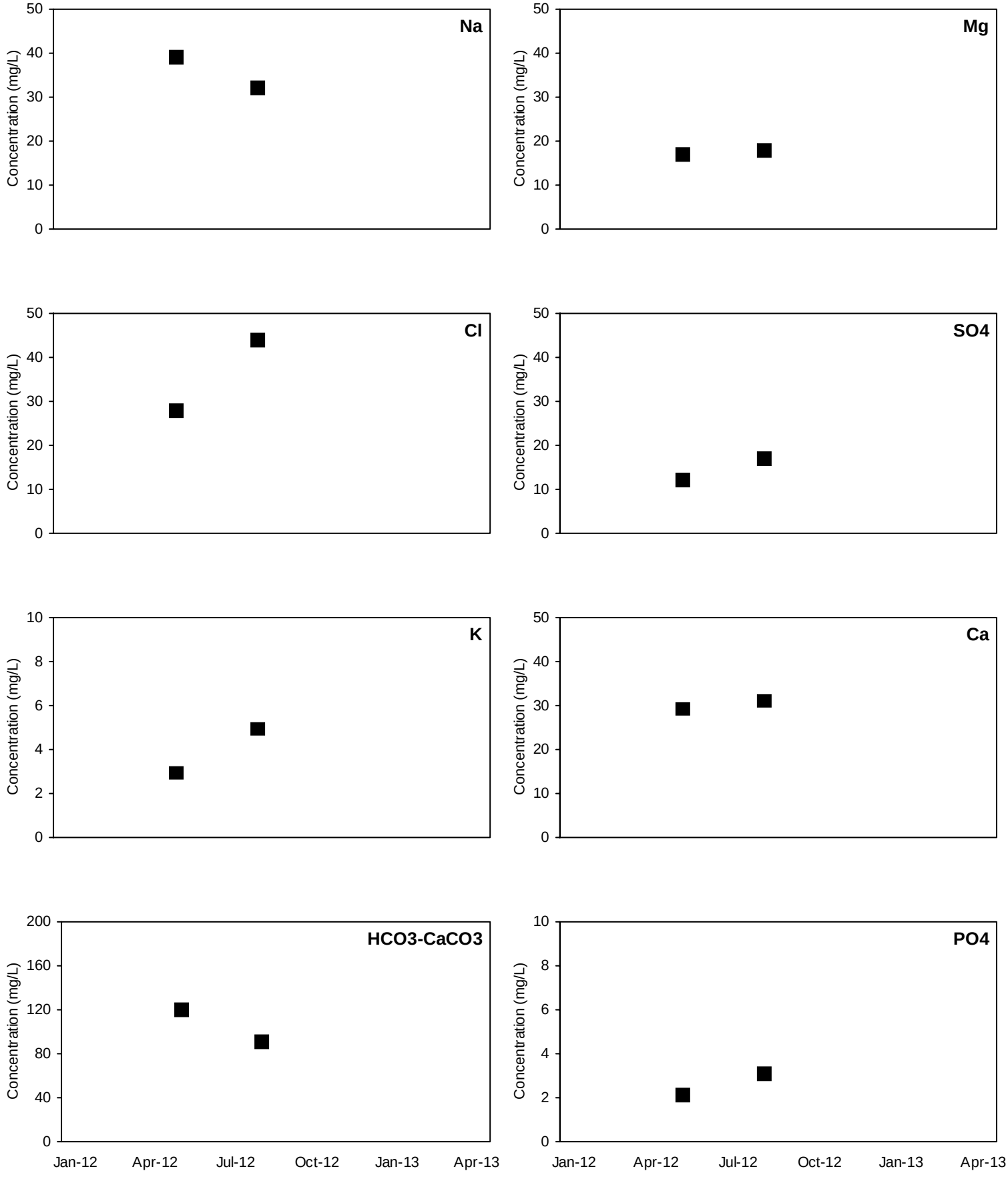
FG1-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

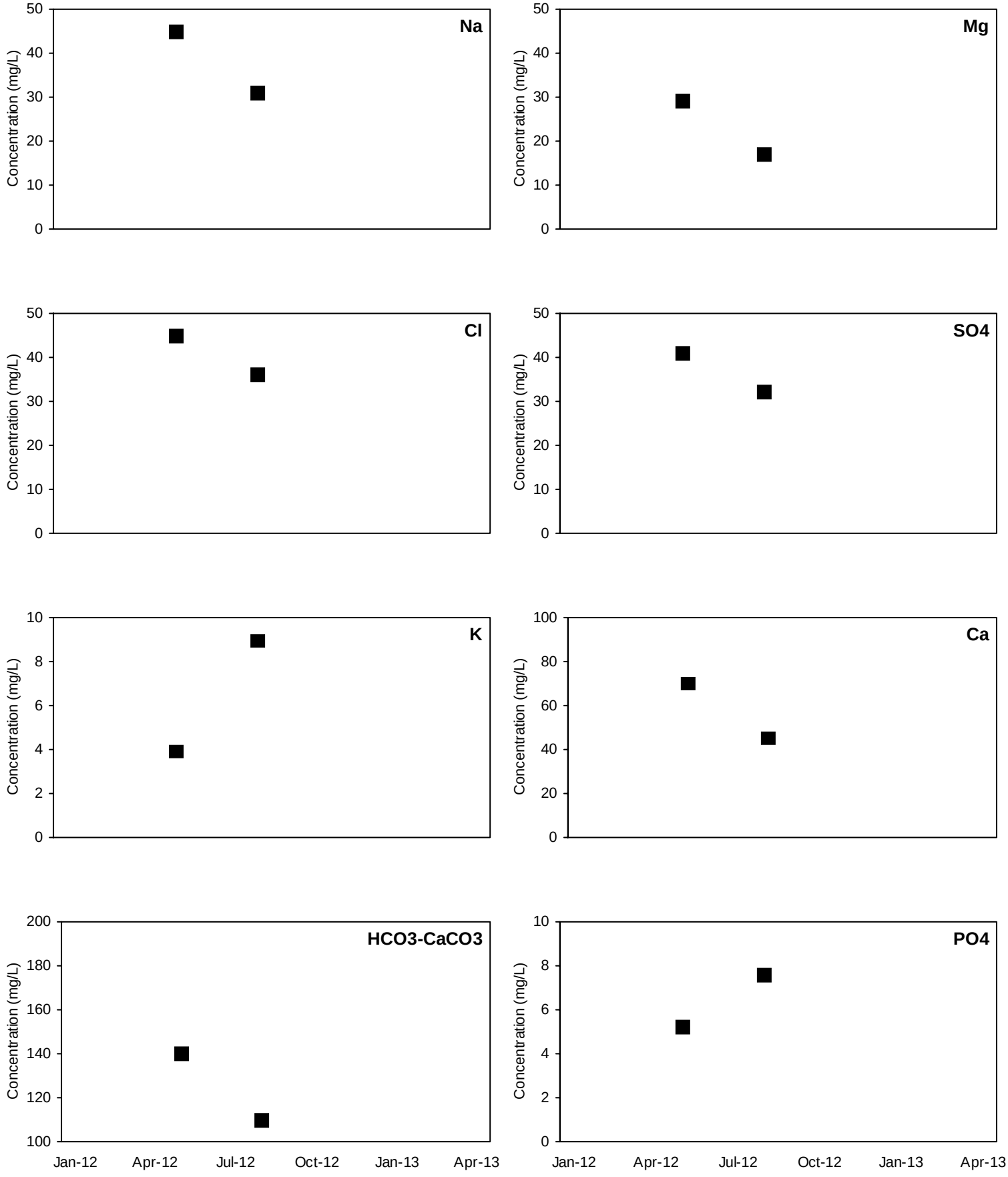
FG1-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

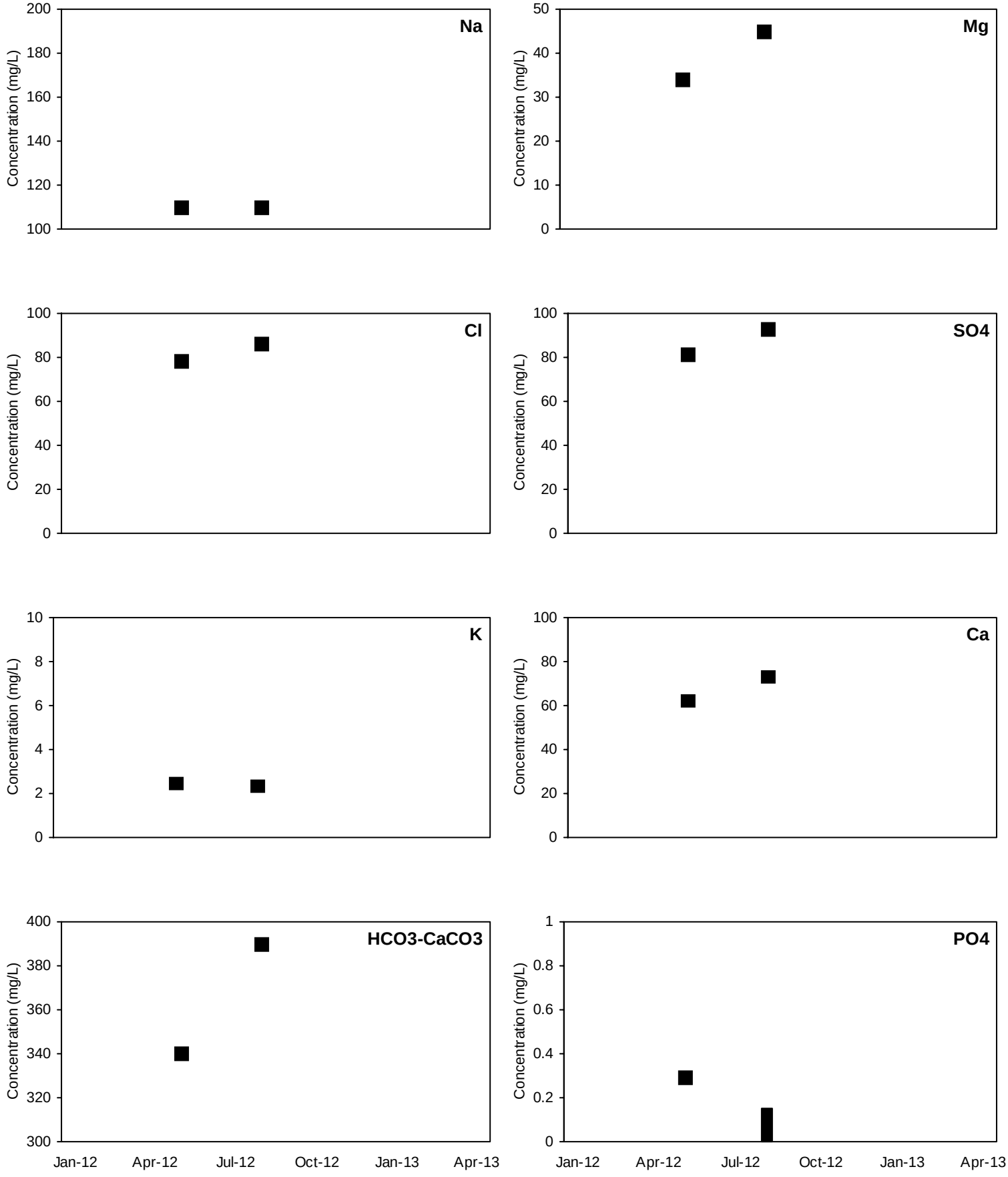
FG1-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

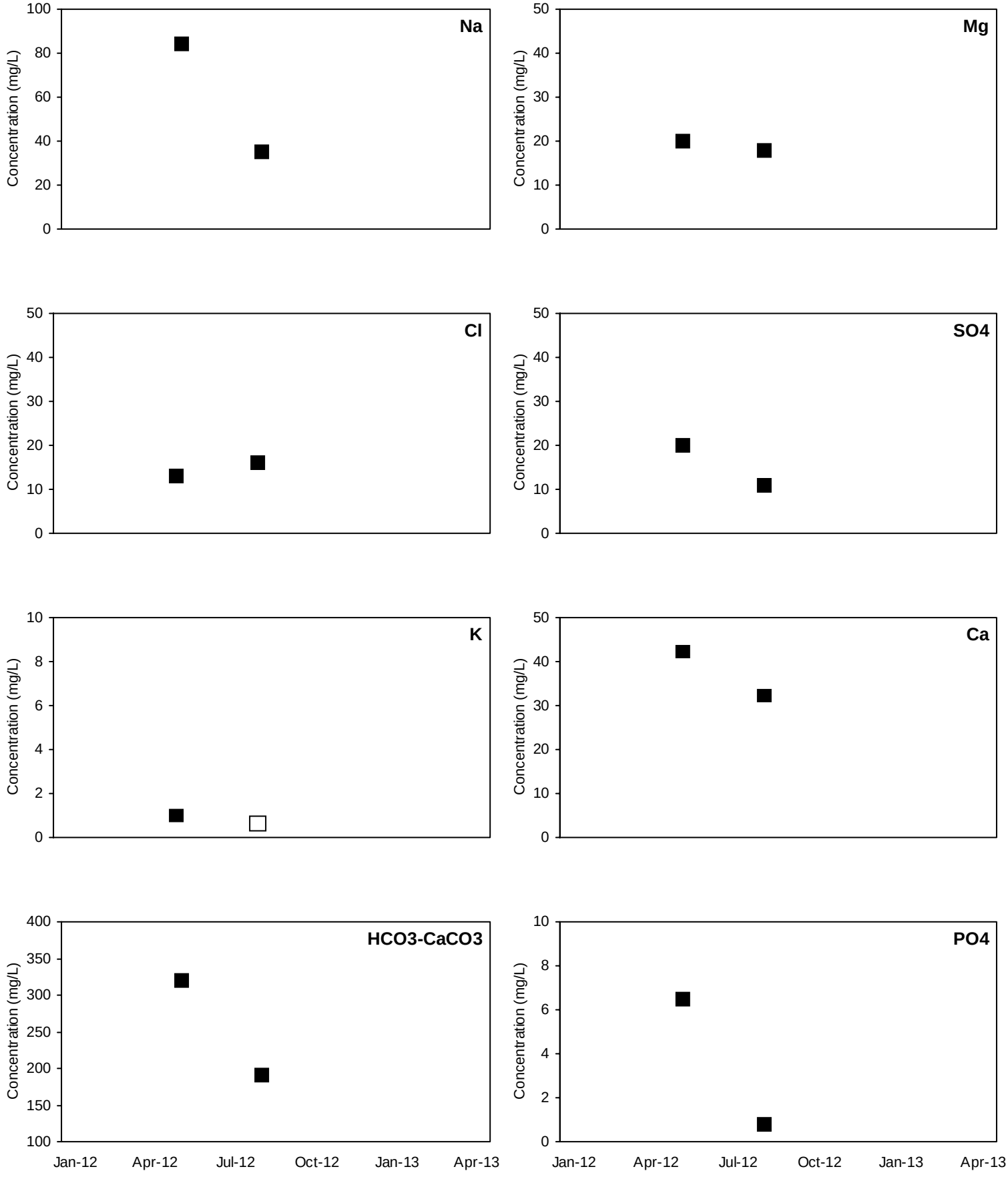
FG1-MW8



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

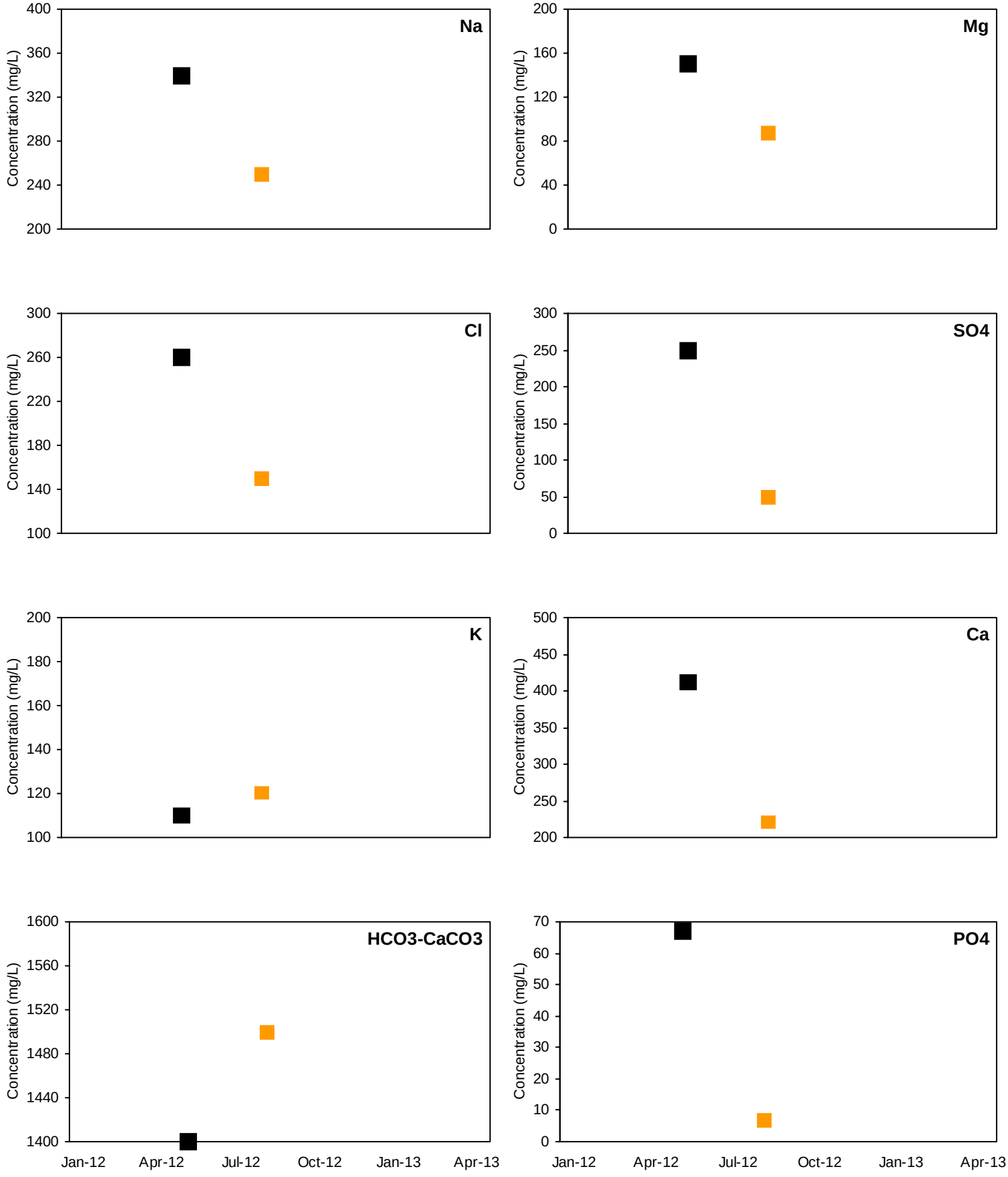
FG1-MW9



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

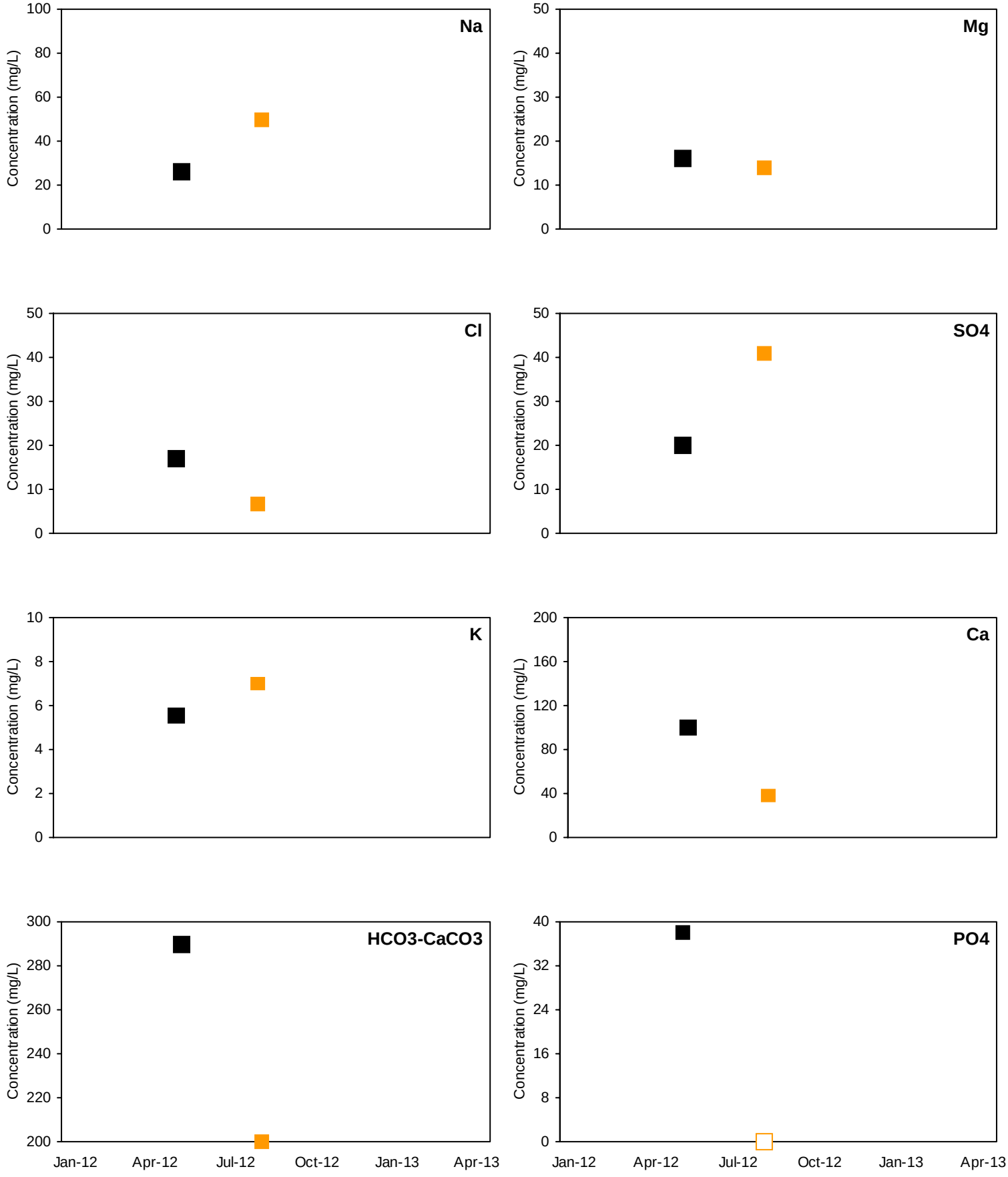
BEA-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

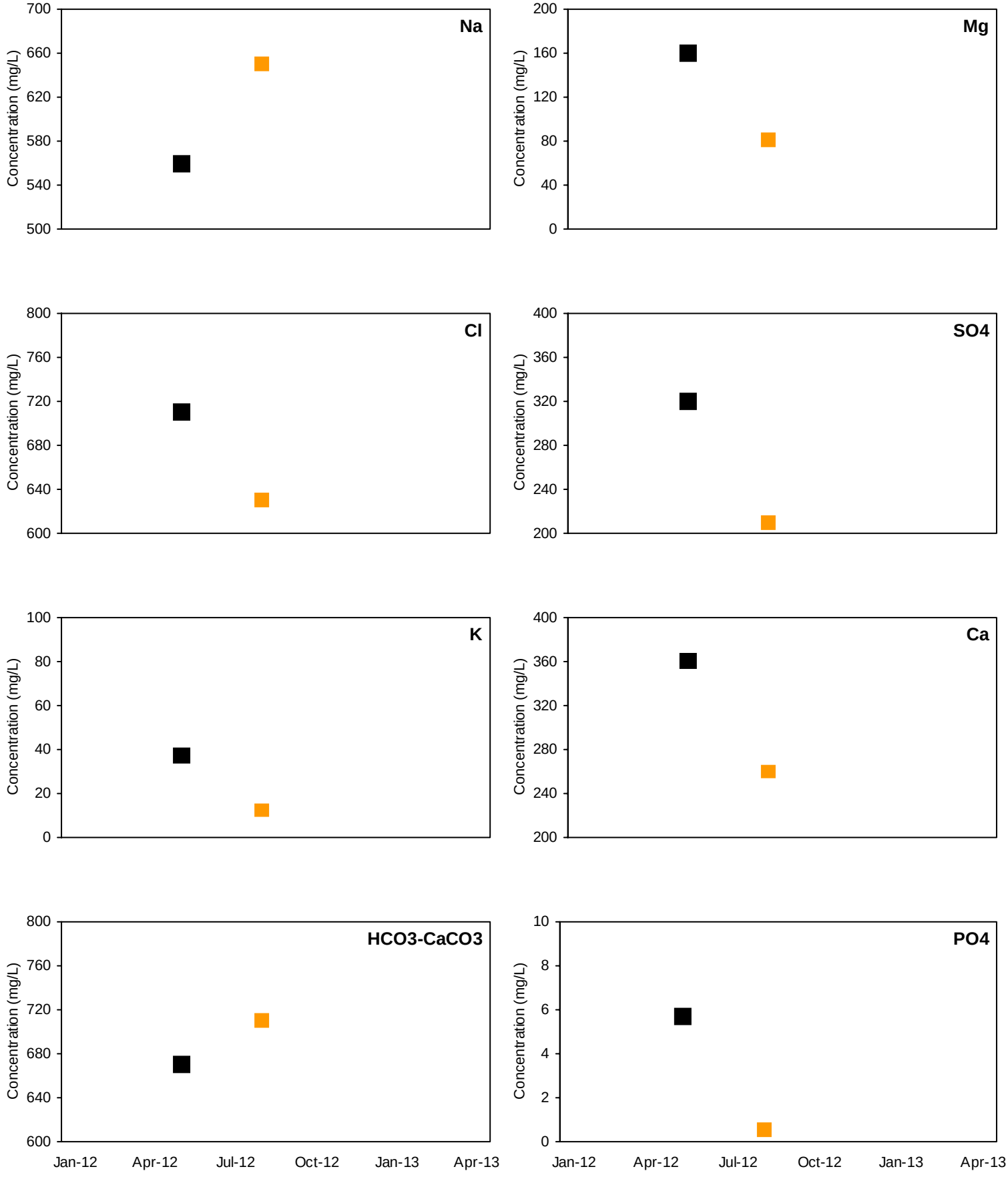
BEA-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

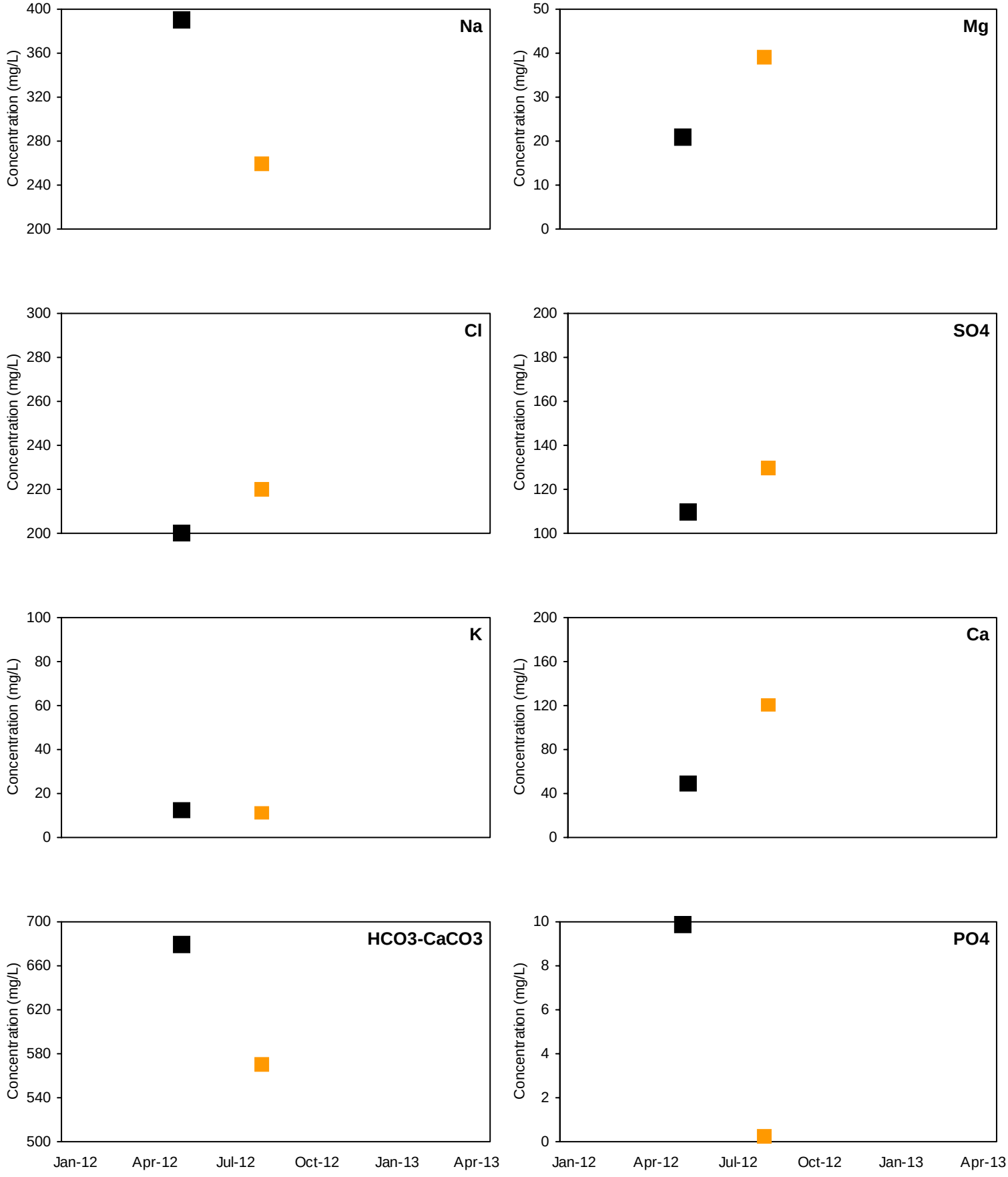
BEA-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

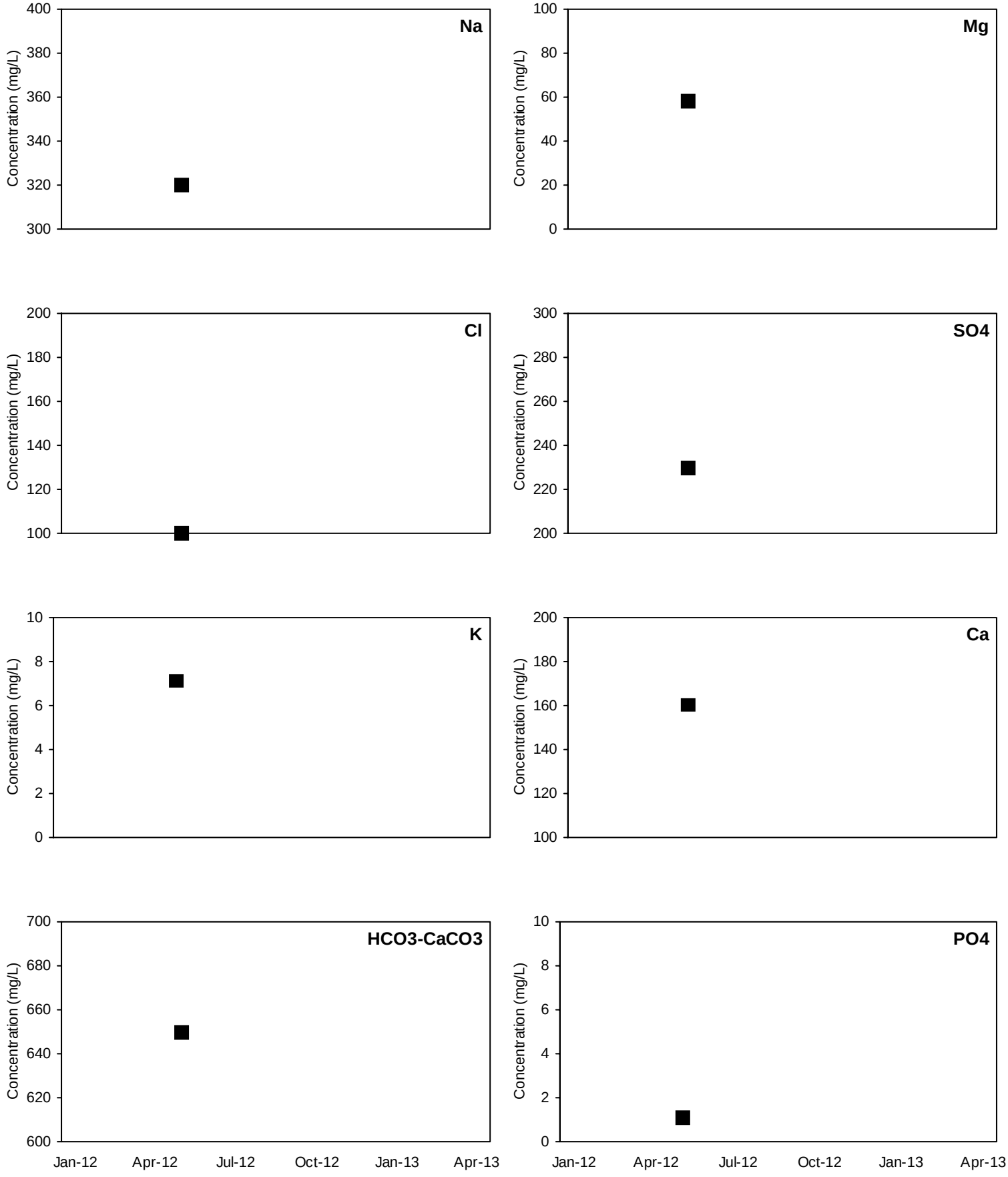
BEA-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

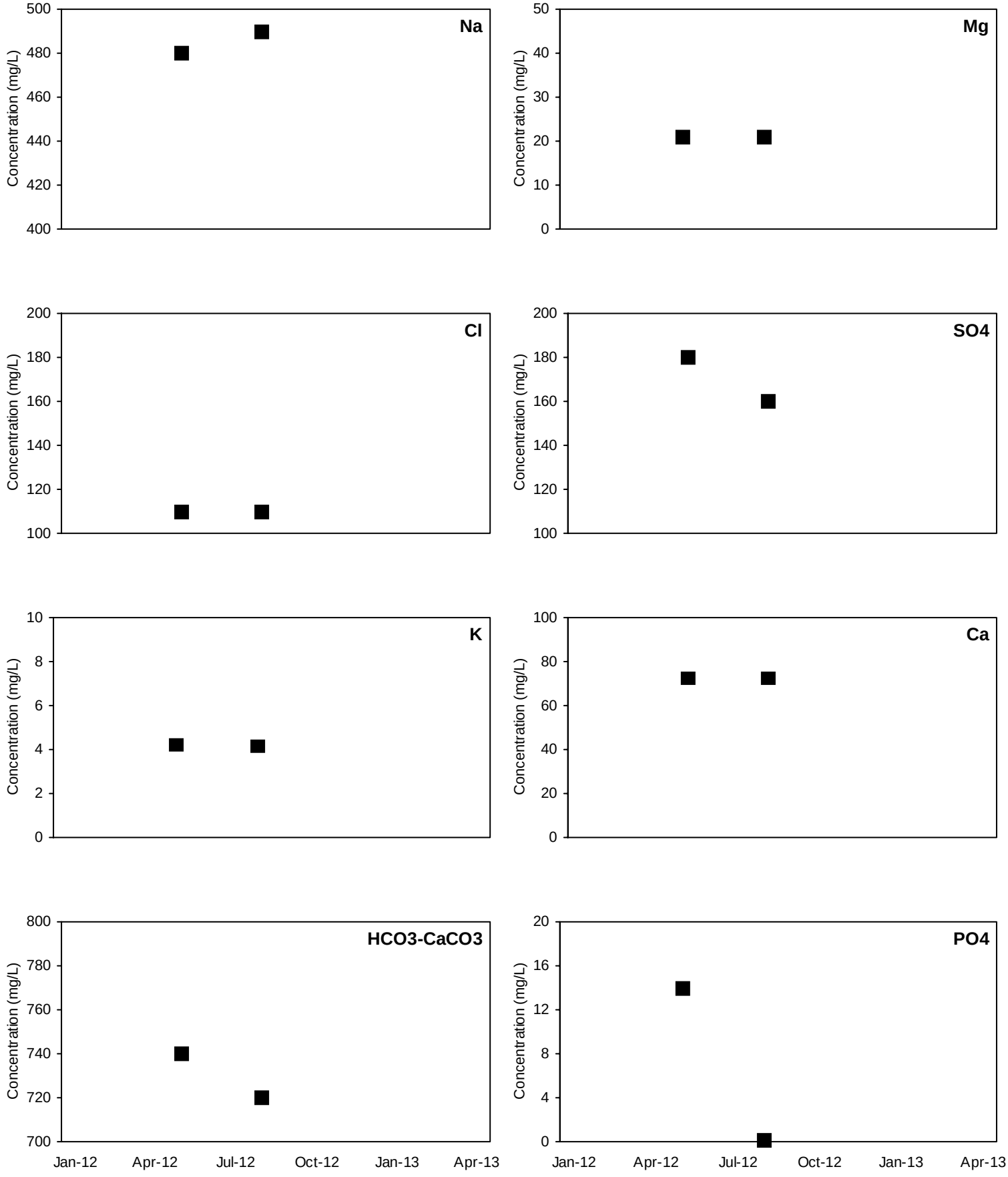
COT-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

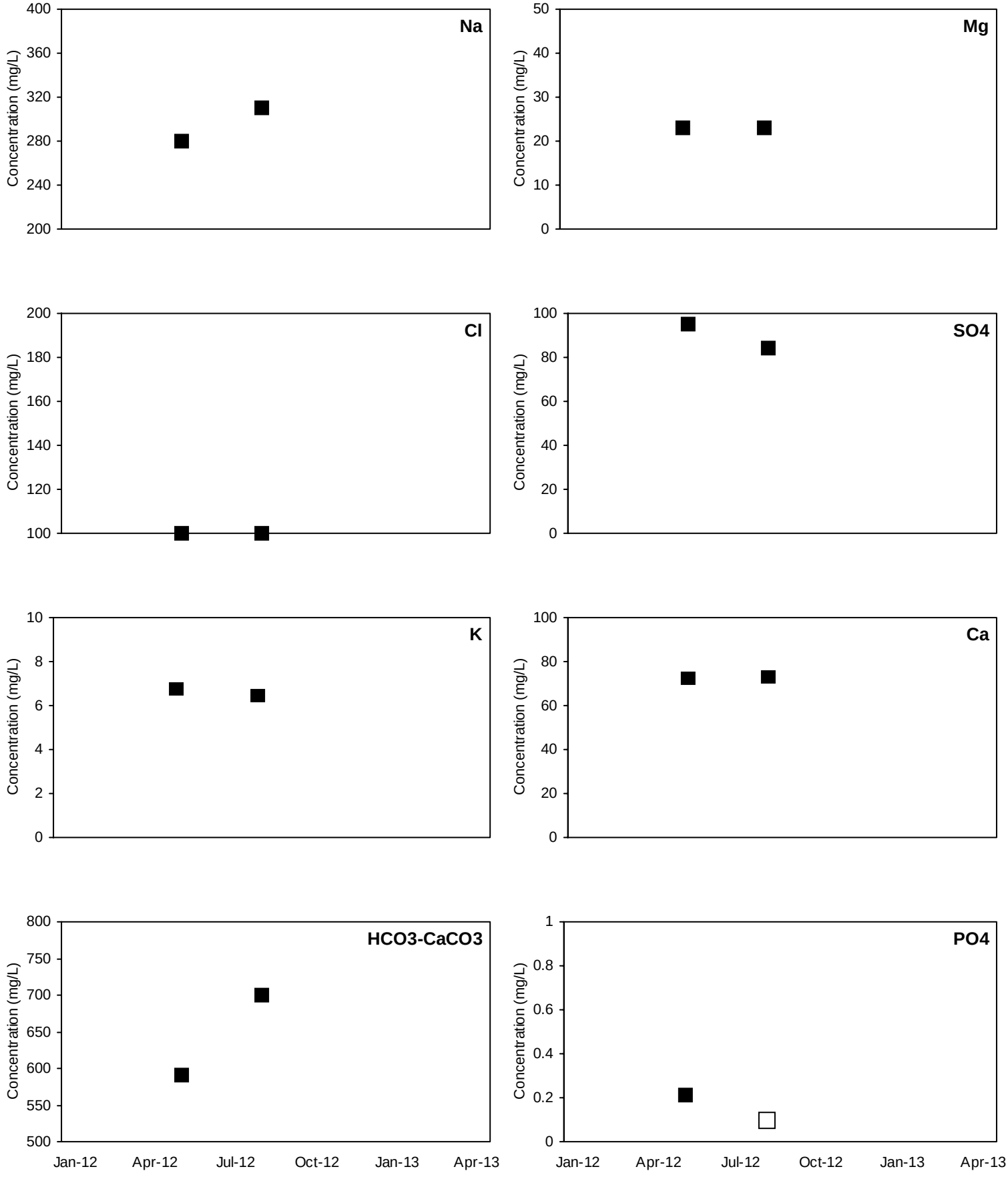
COT-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

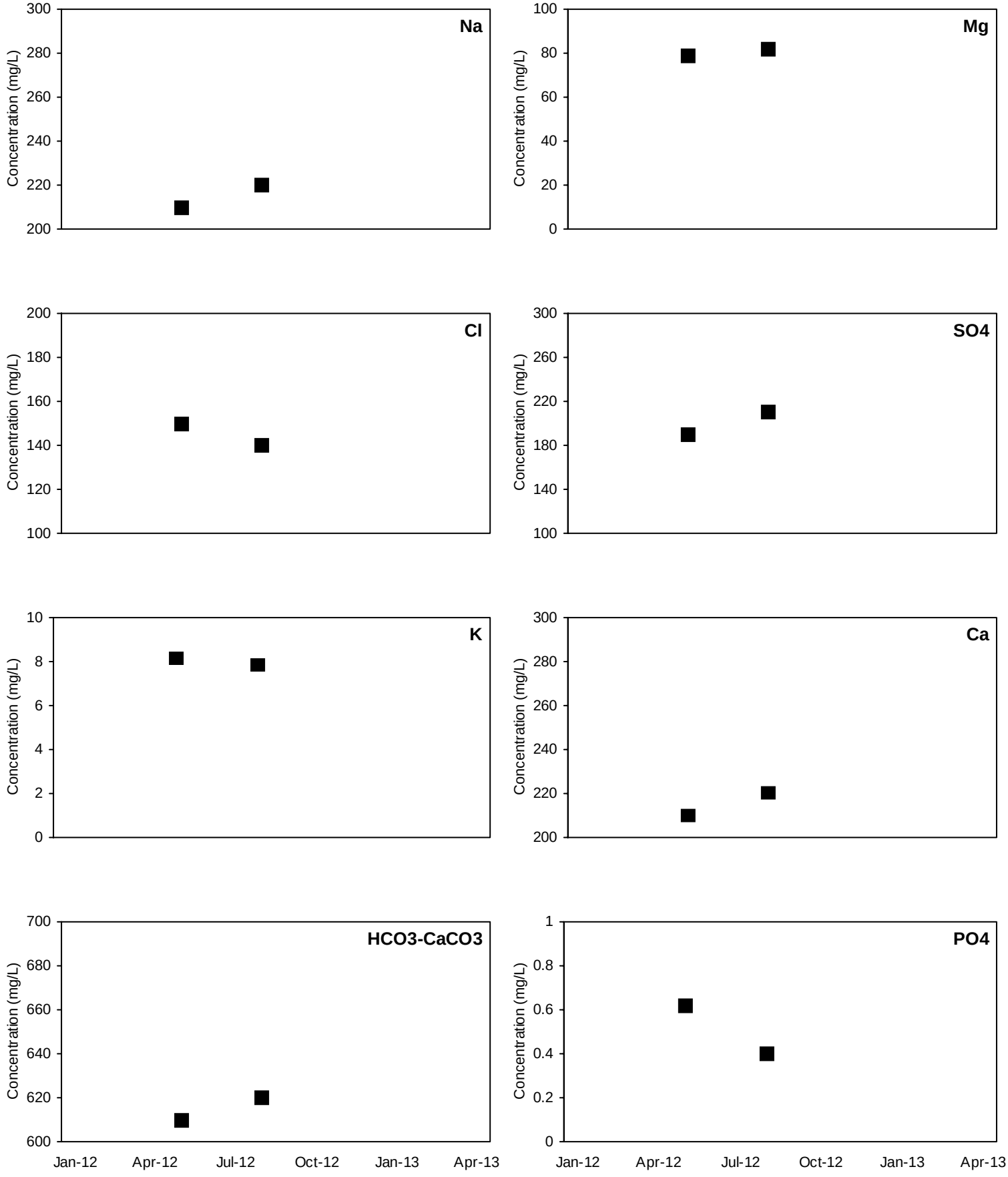
COT-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

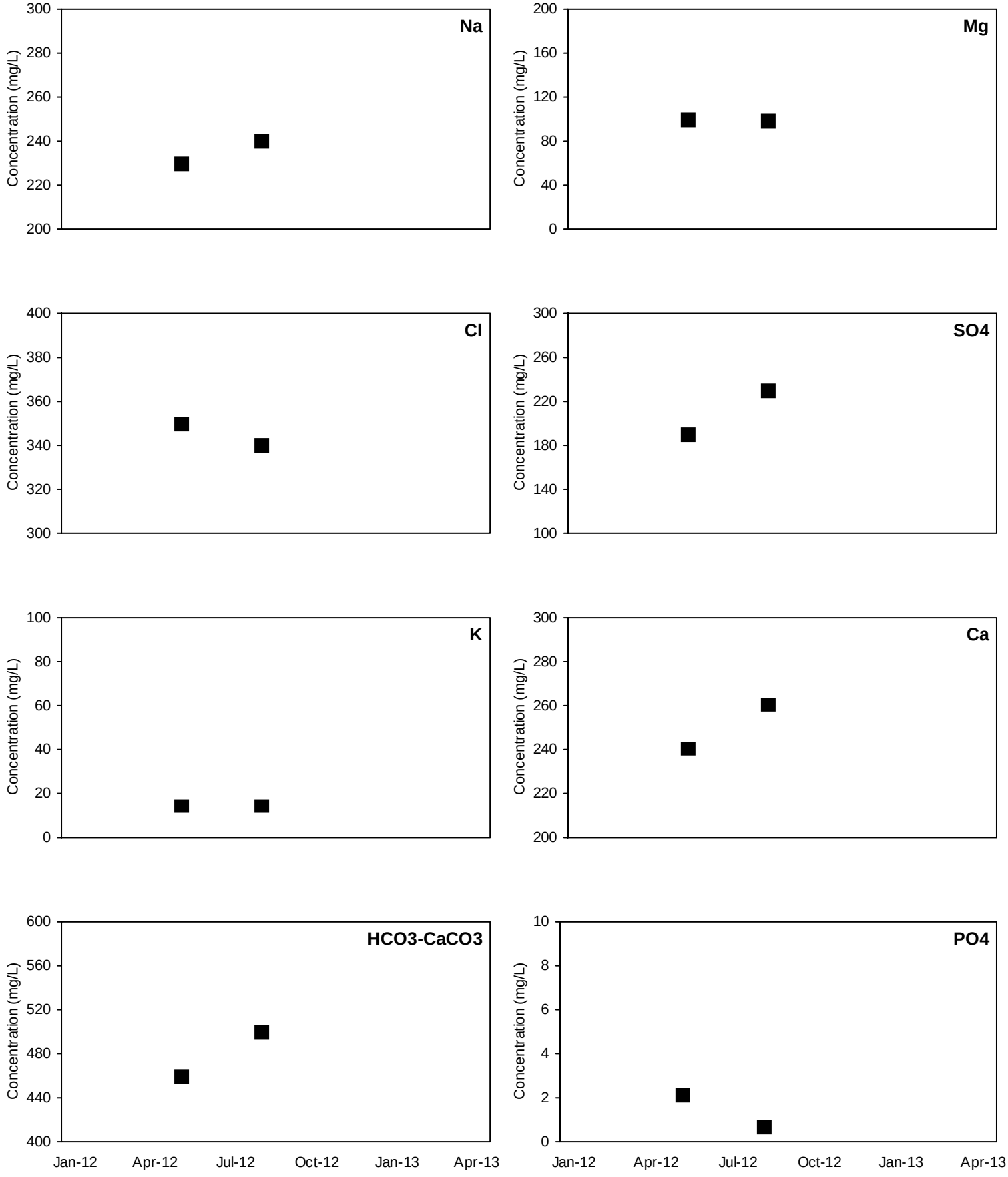
COT-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

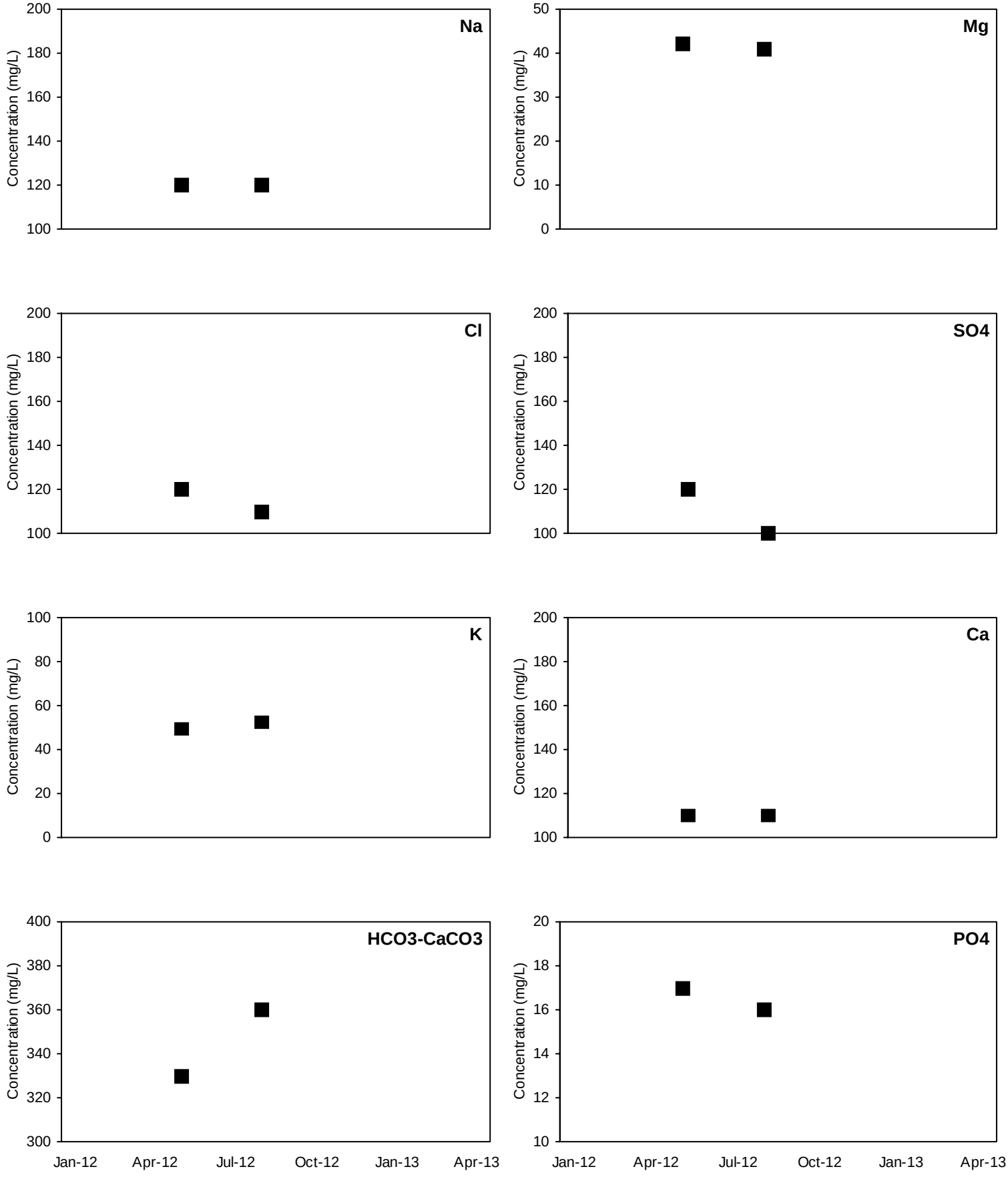
COT-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

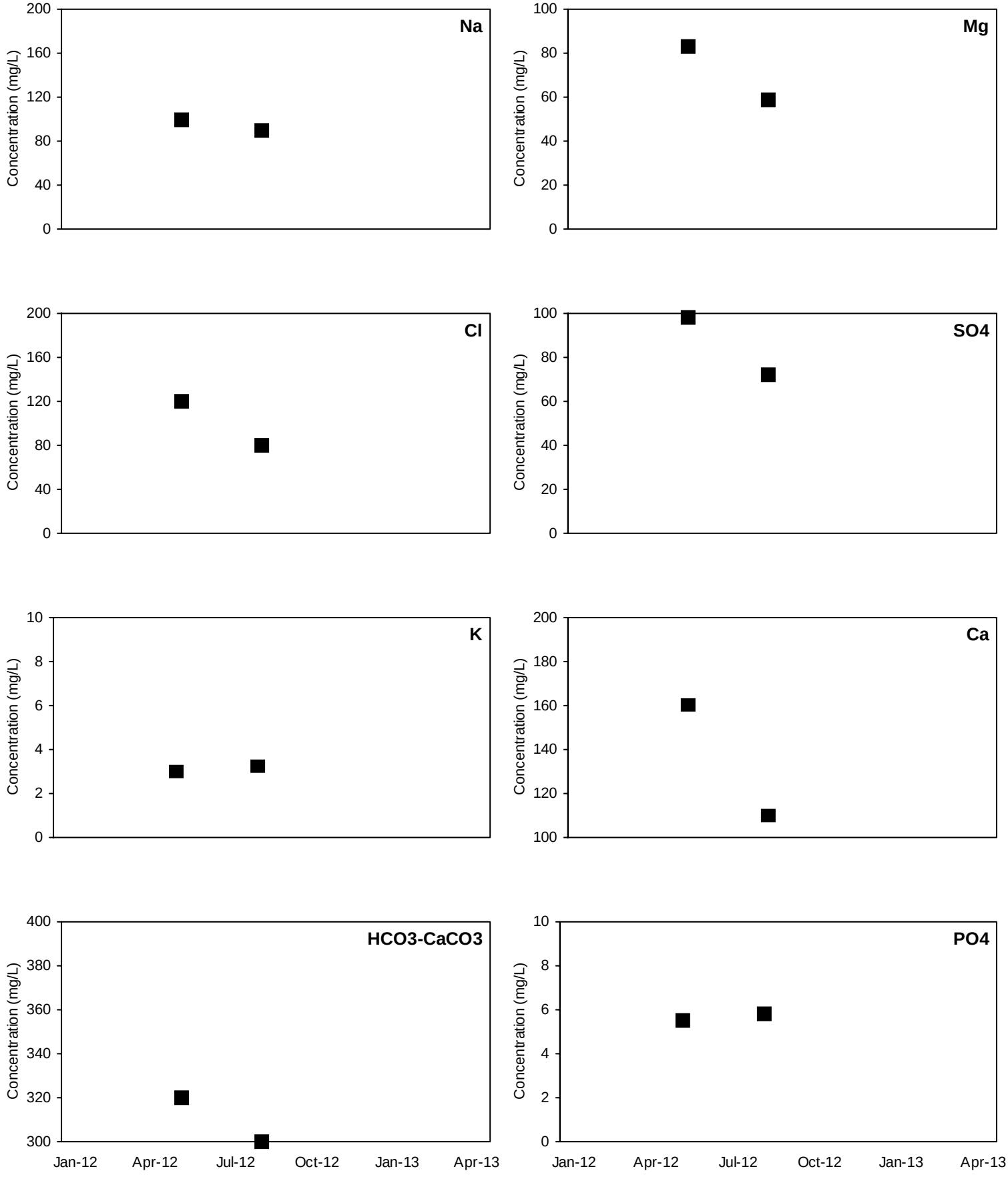
COT-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

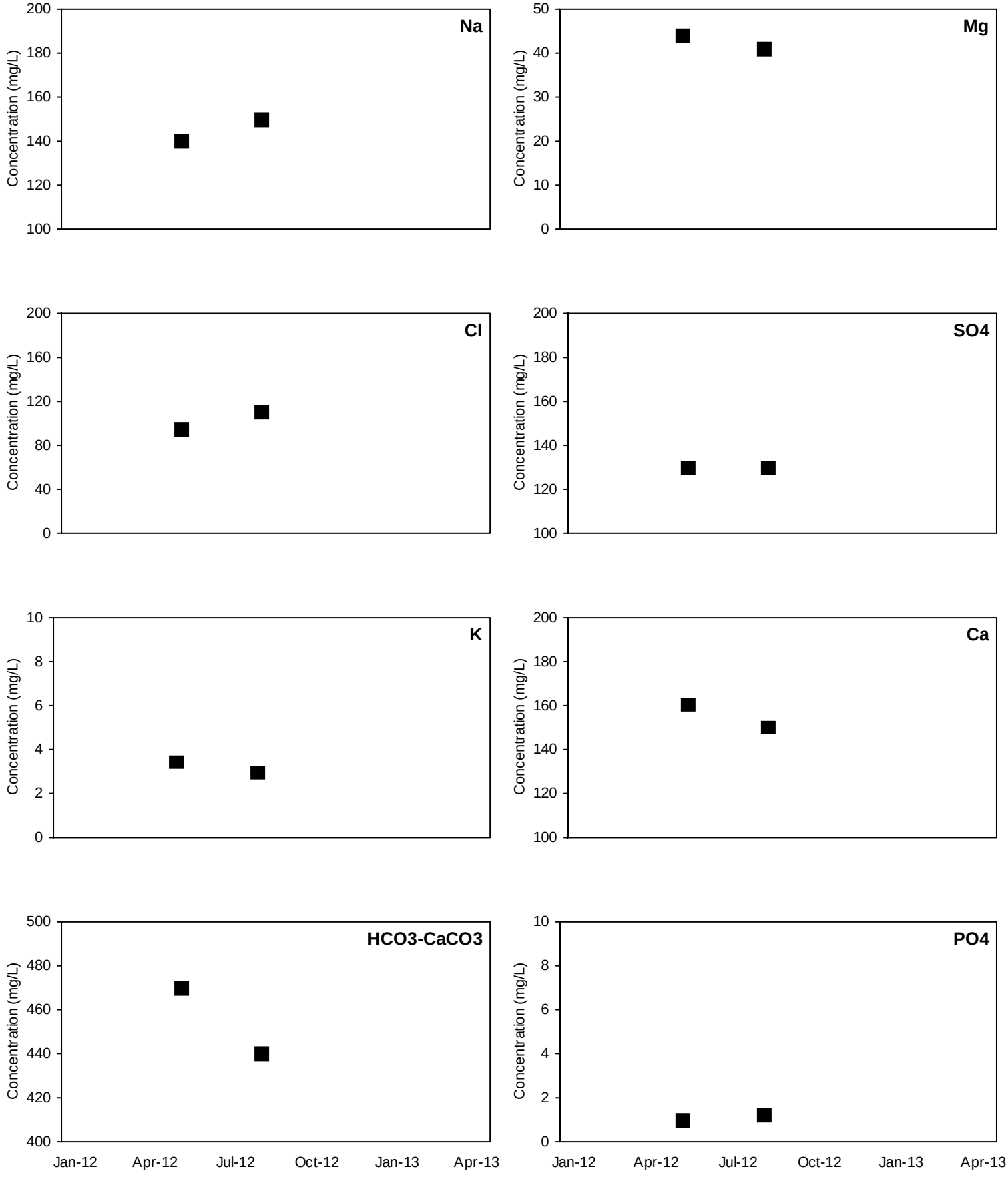
COT-MW8



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

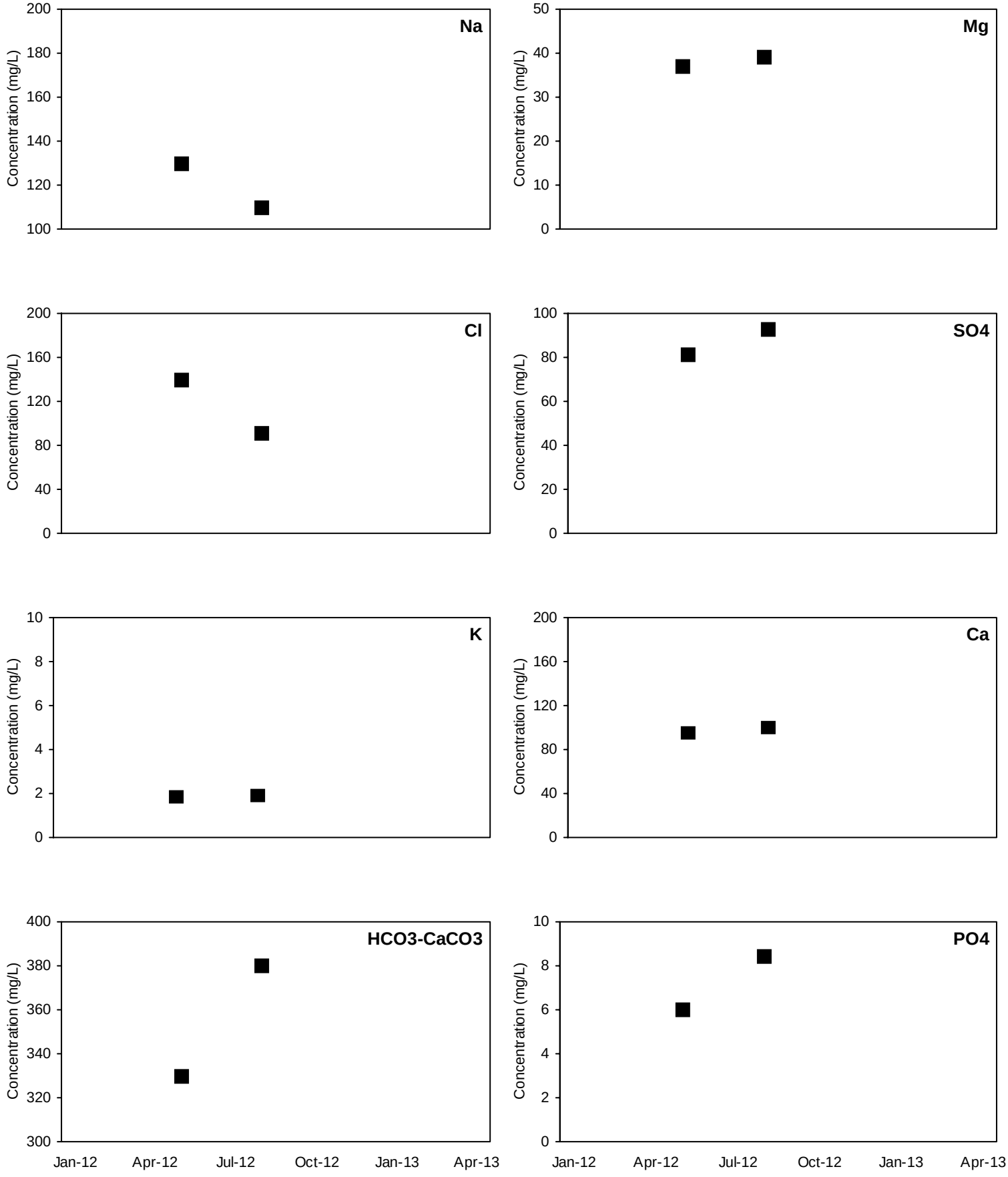
COT-MW9



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

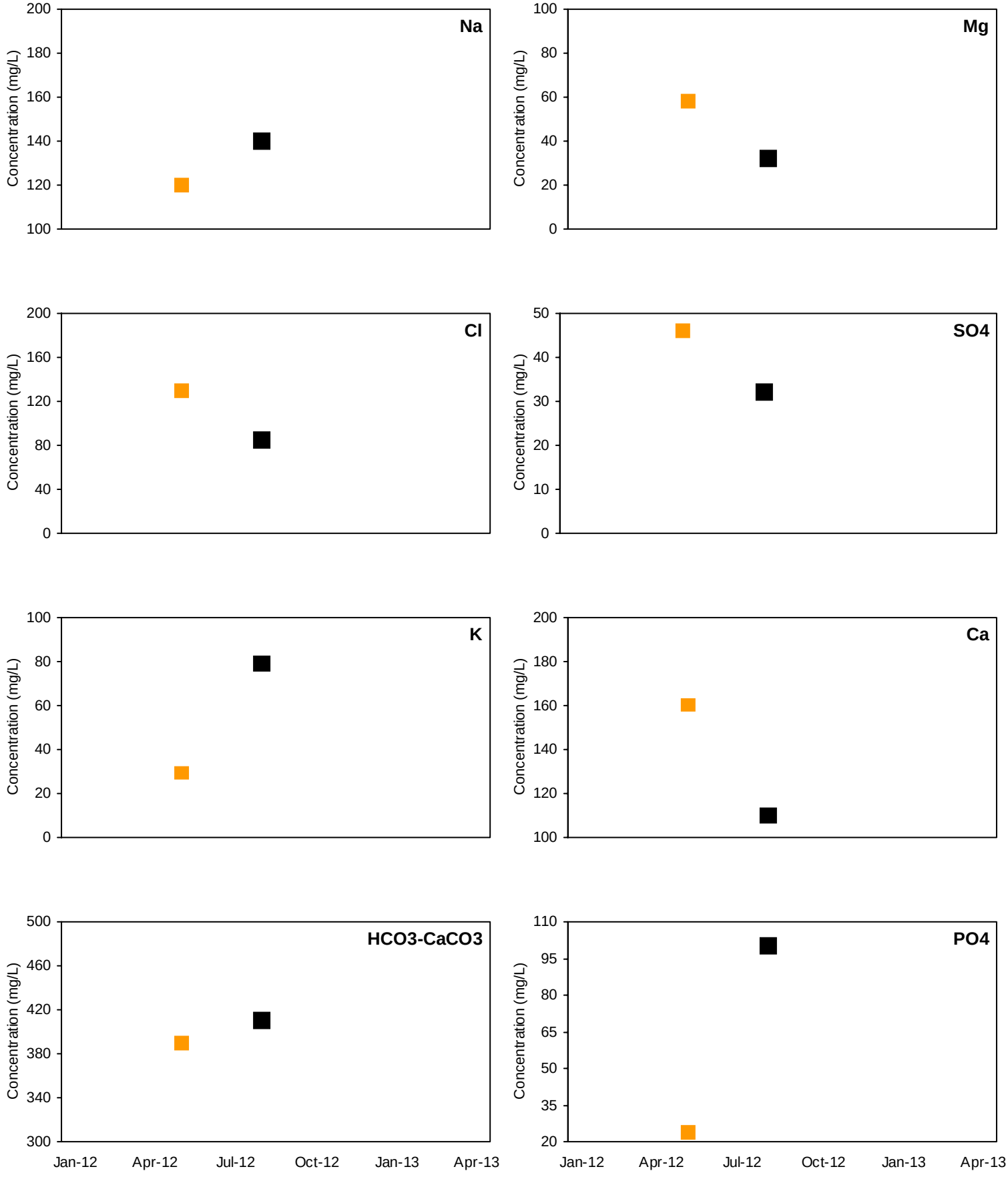
COT-MW10



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

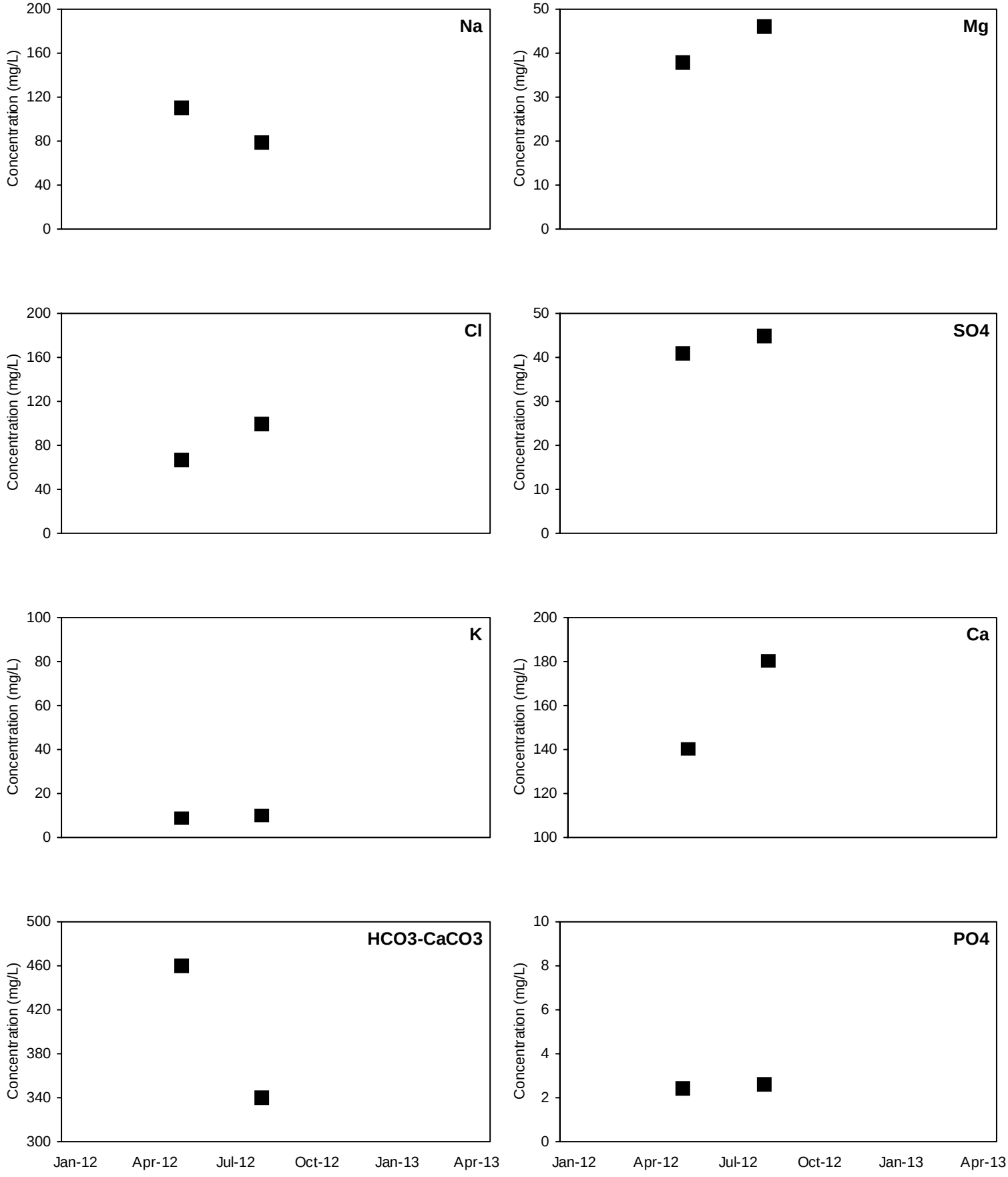
COT-MW11



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

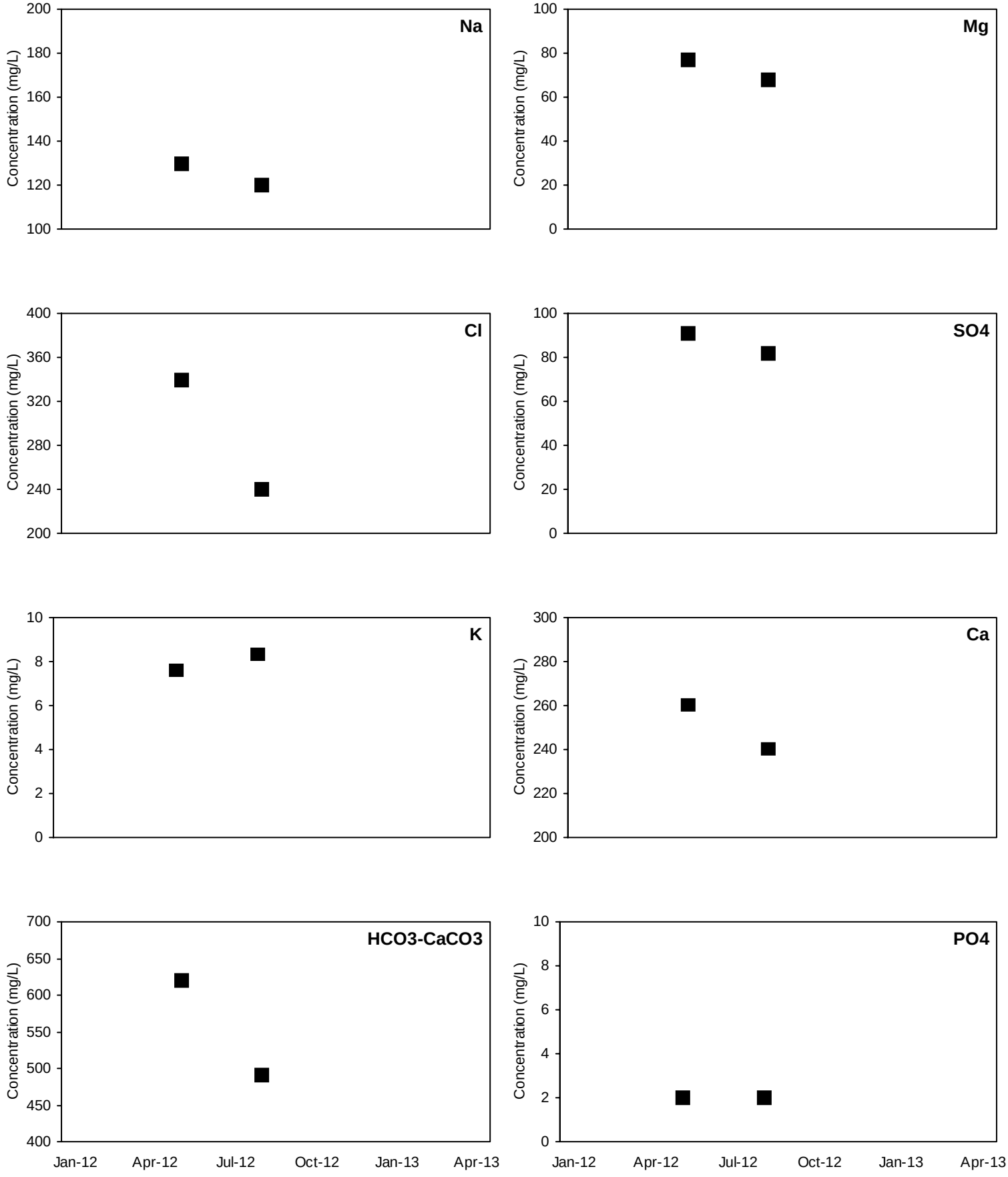
COT-MW12



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

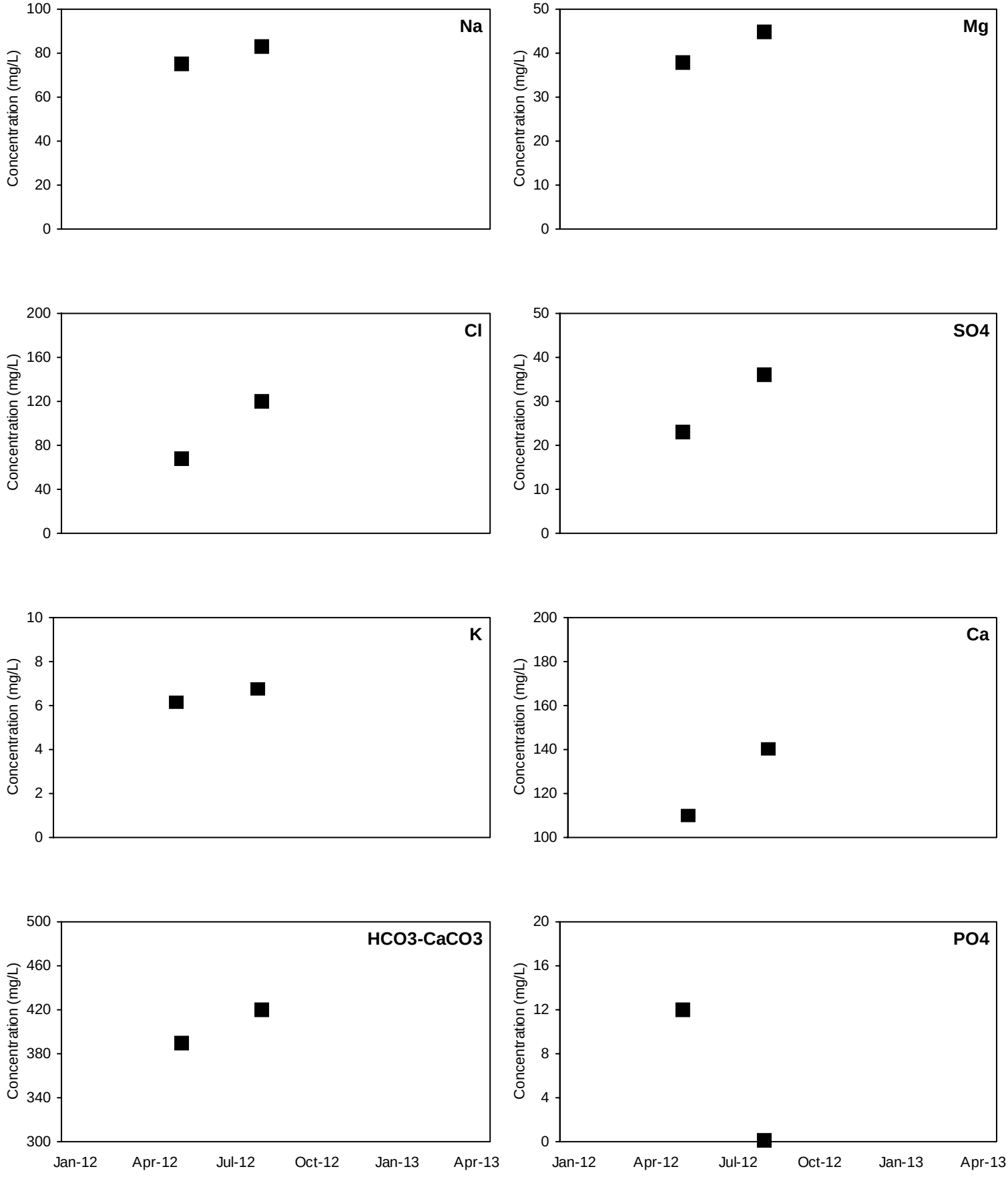
COT-MW13



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

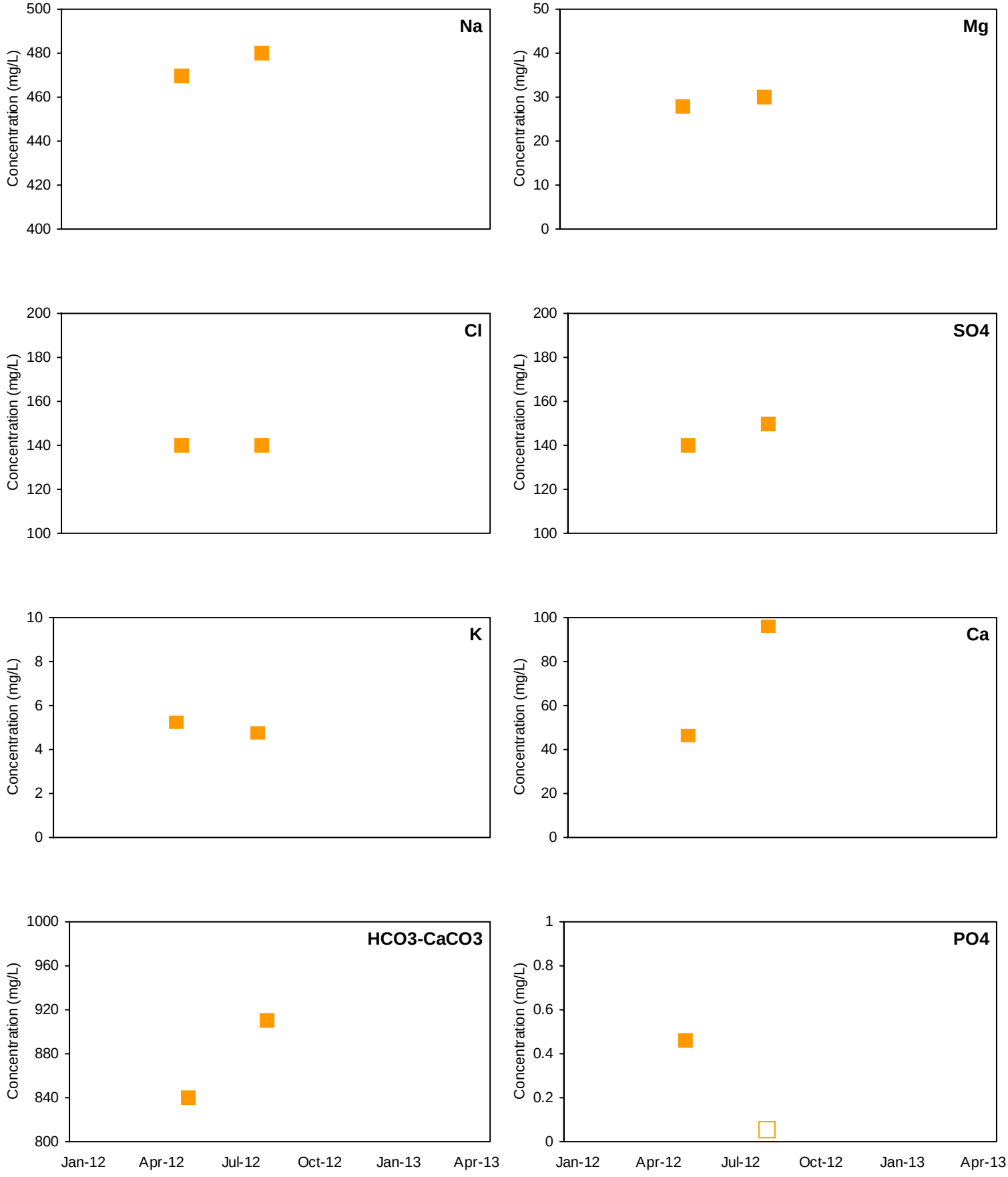
COT-MW14



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

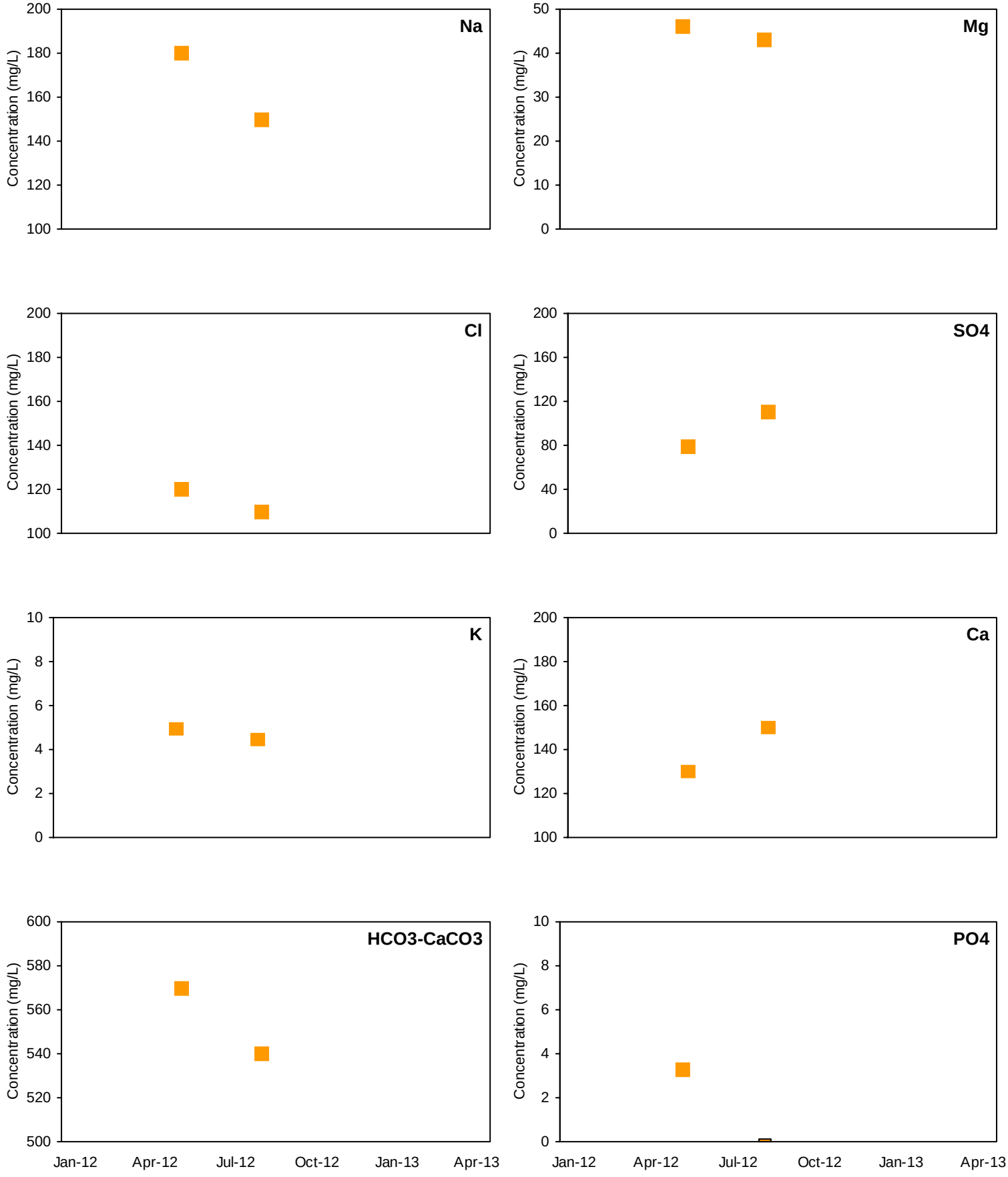
SAN-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

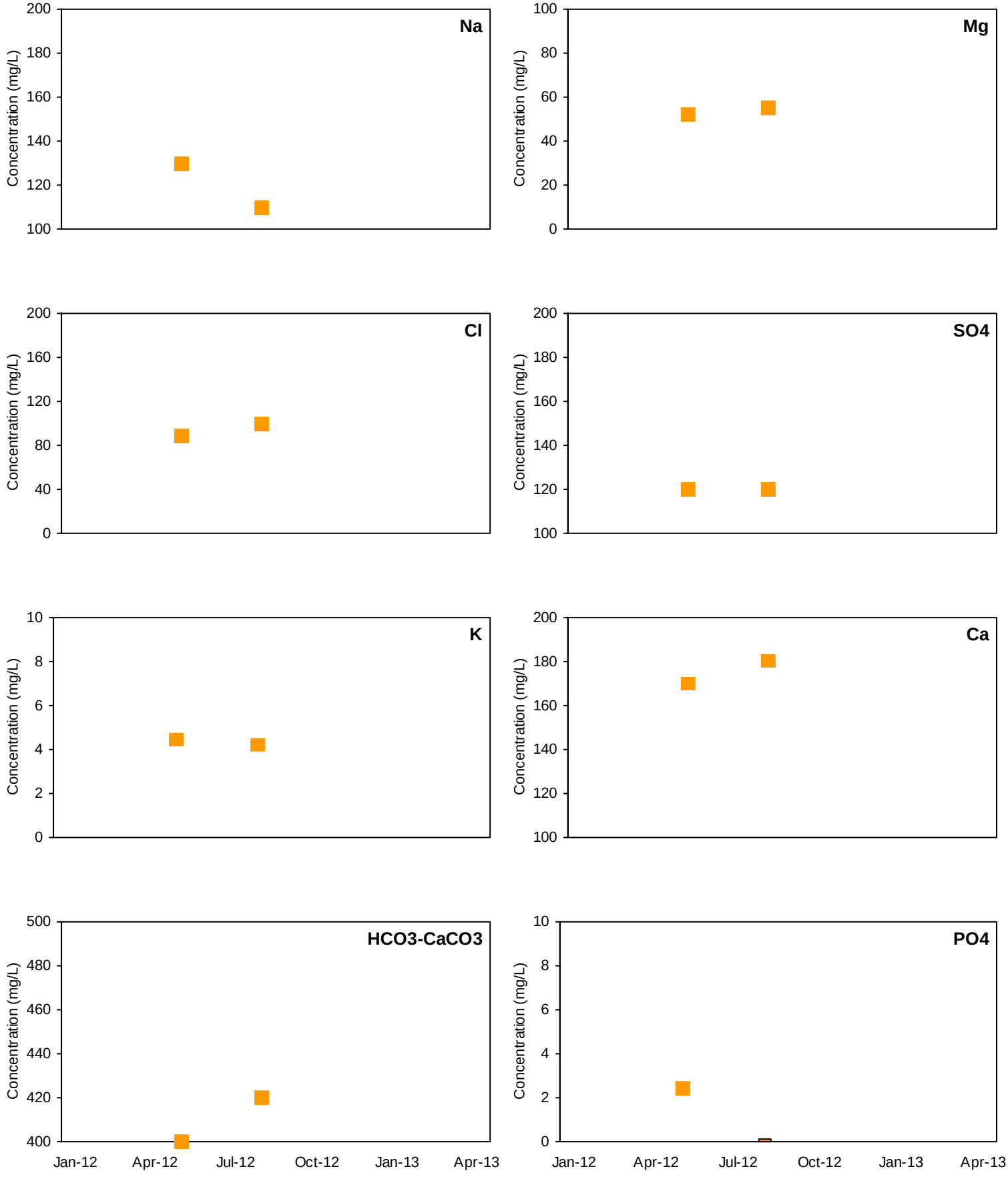
SAN-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

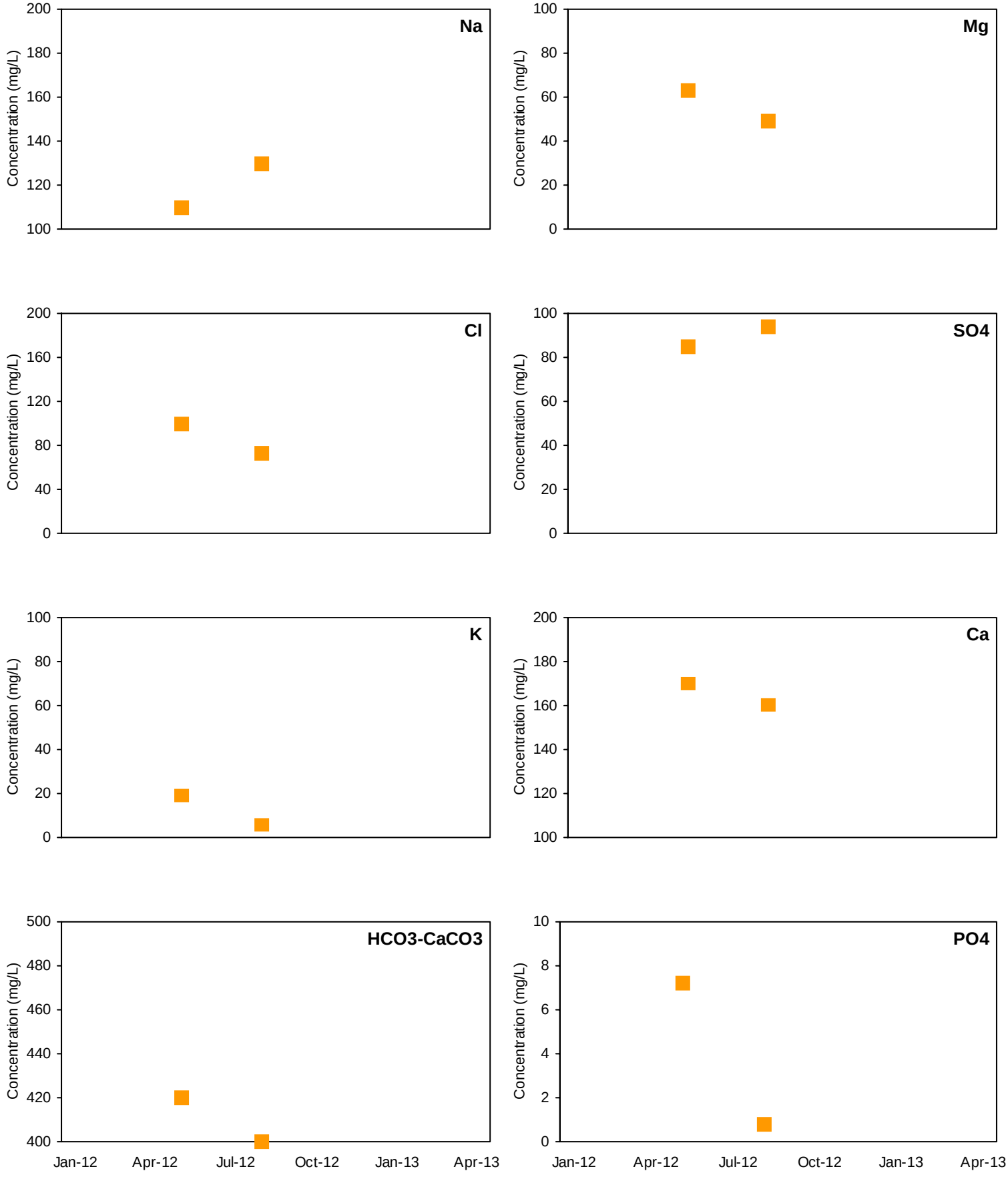
SAN-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

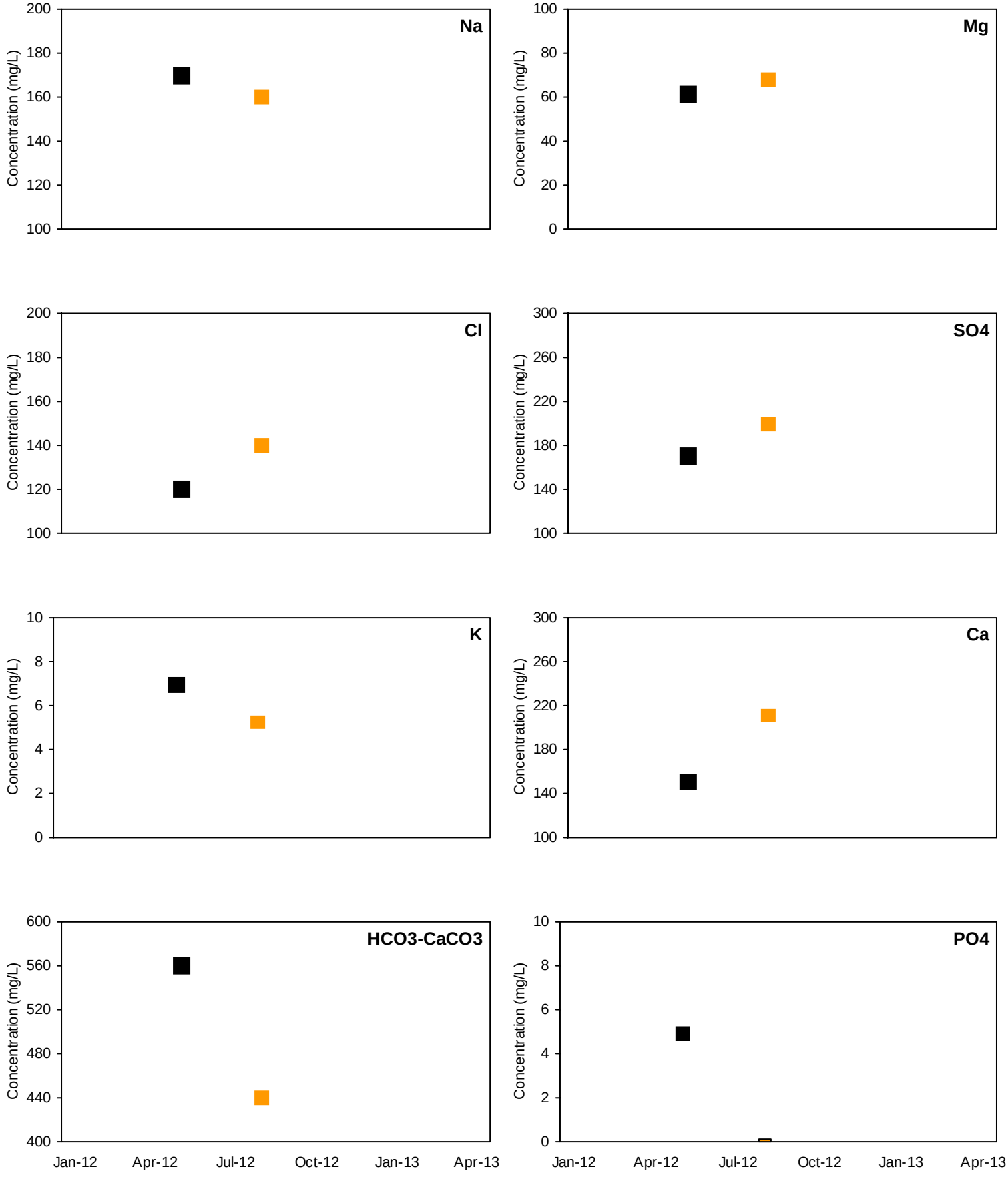
SAN-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

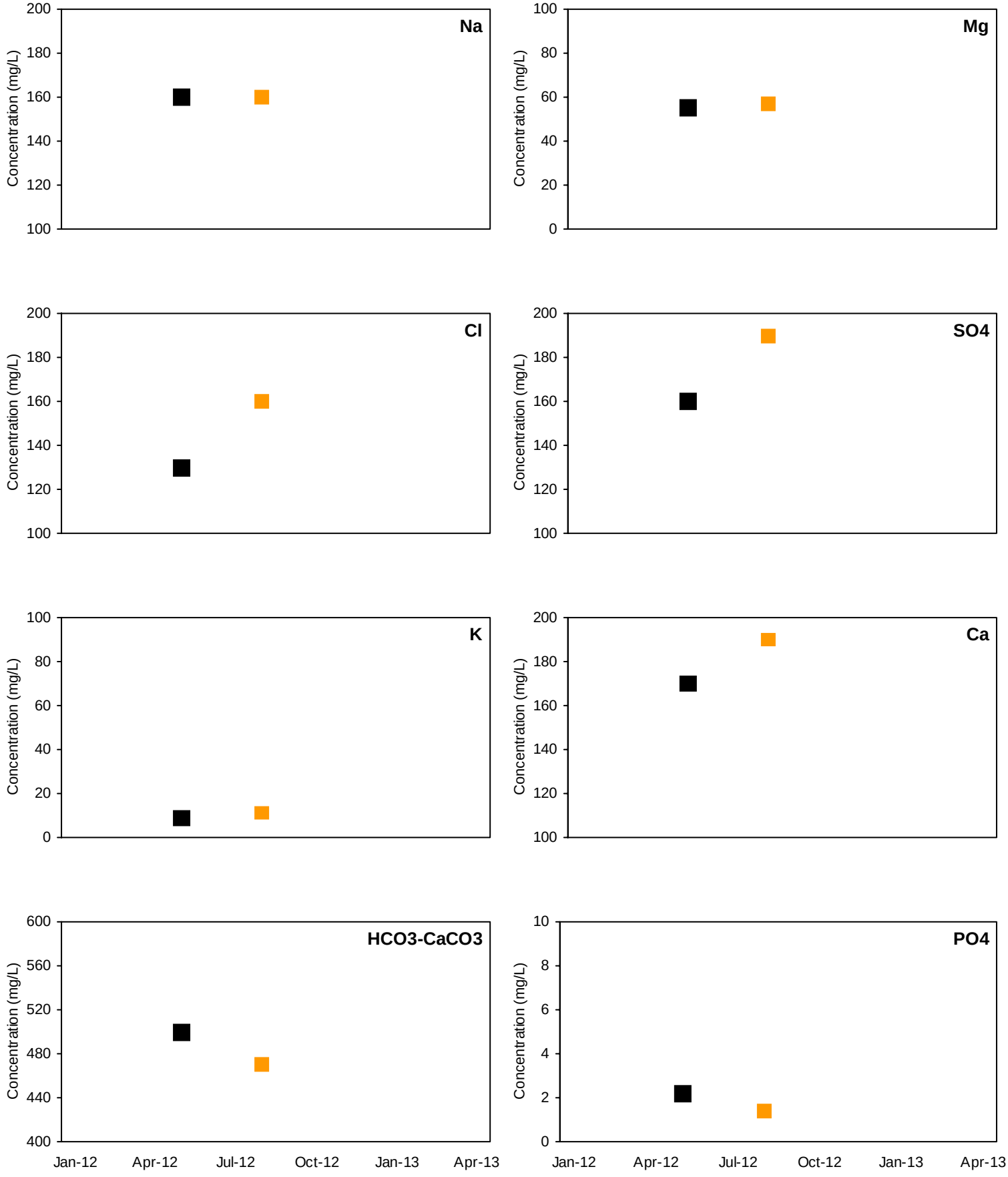
SAN-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

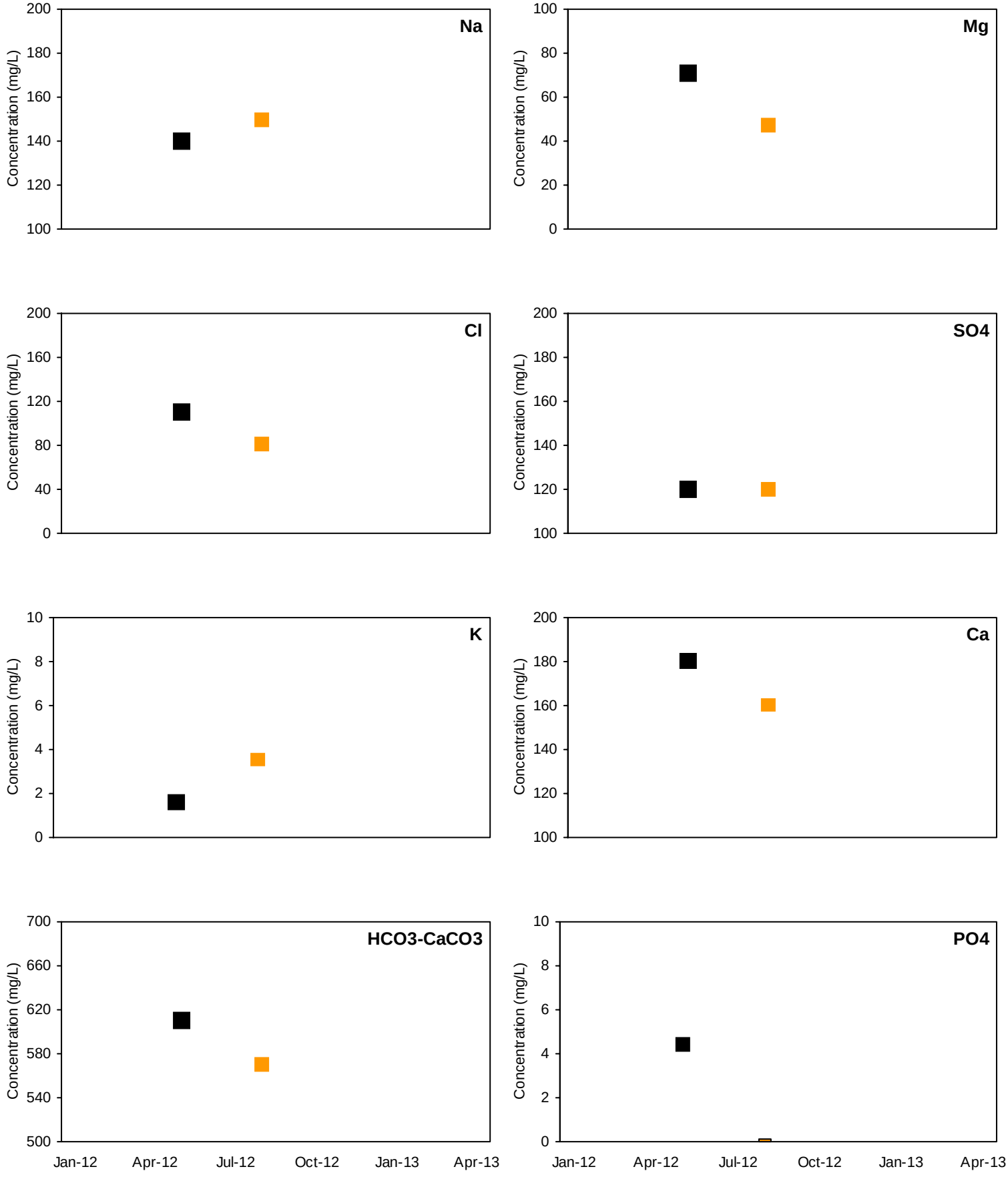
SAN-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

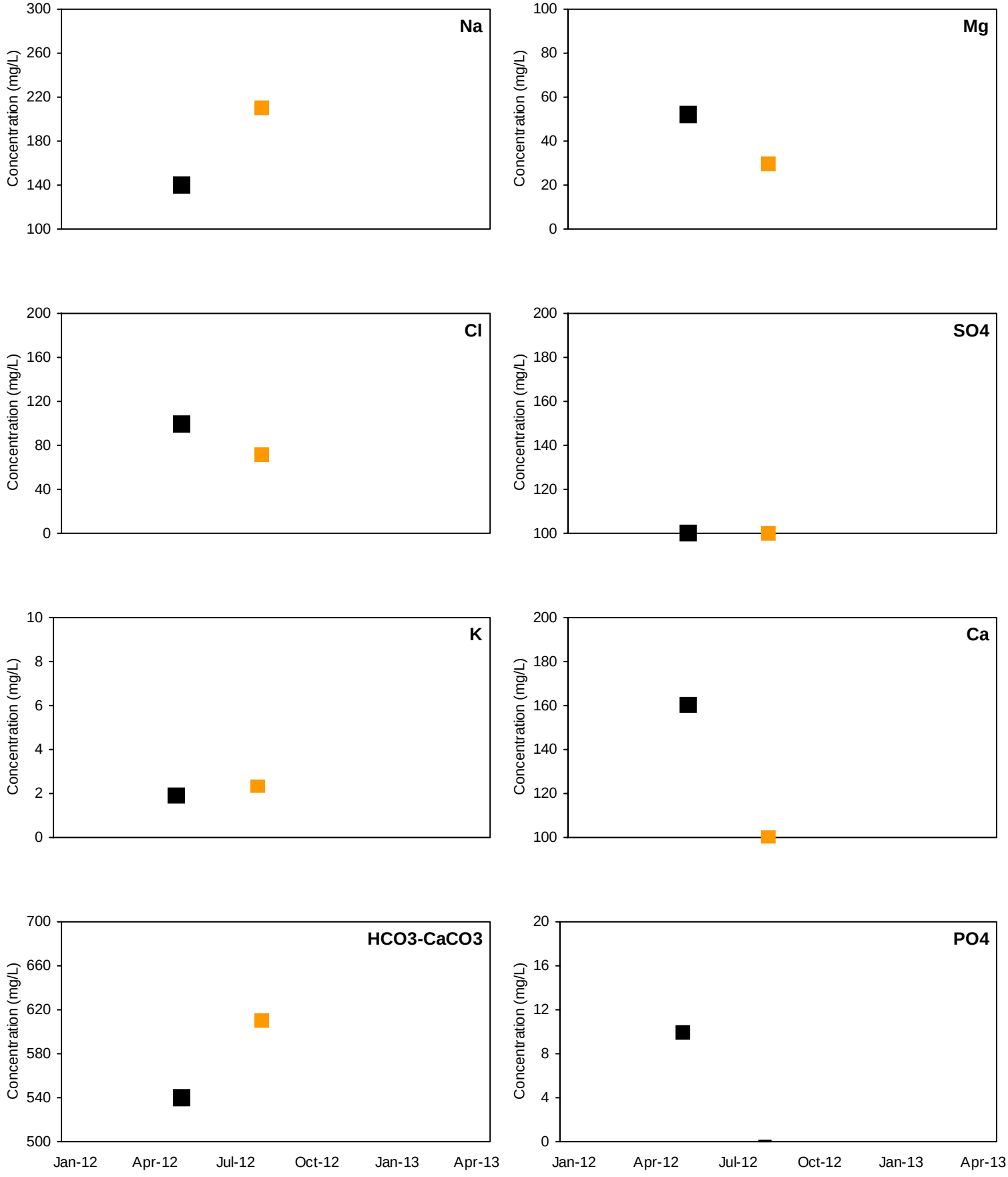
SAN-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

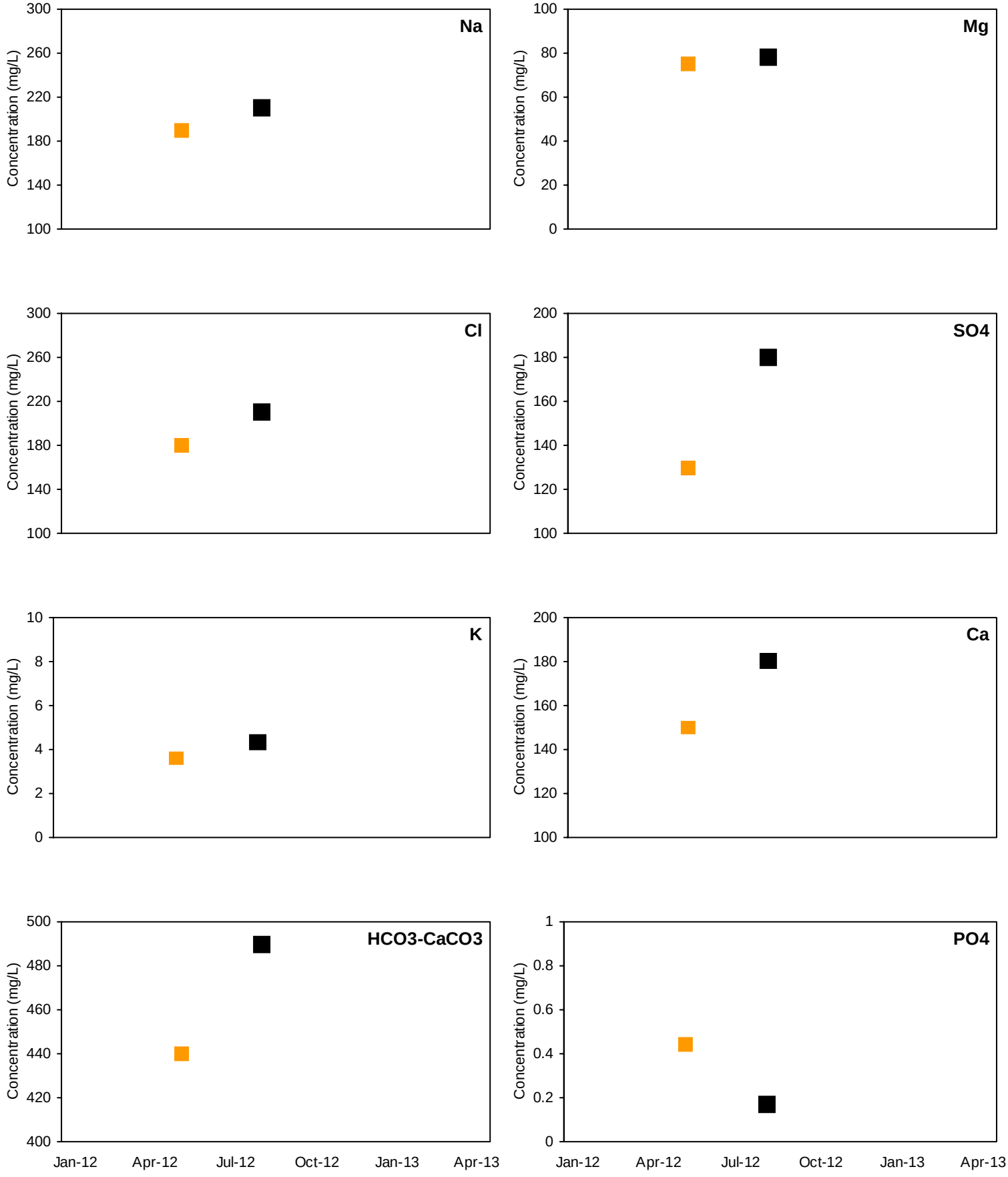
SAN-MW8



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

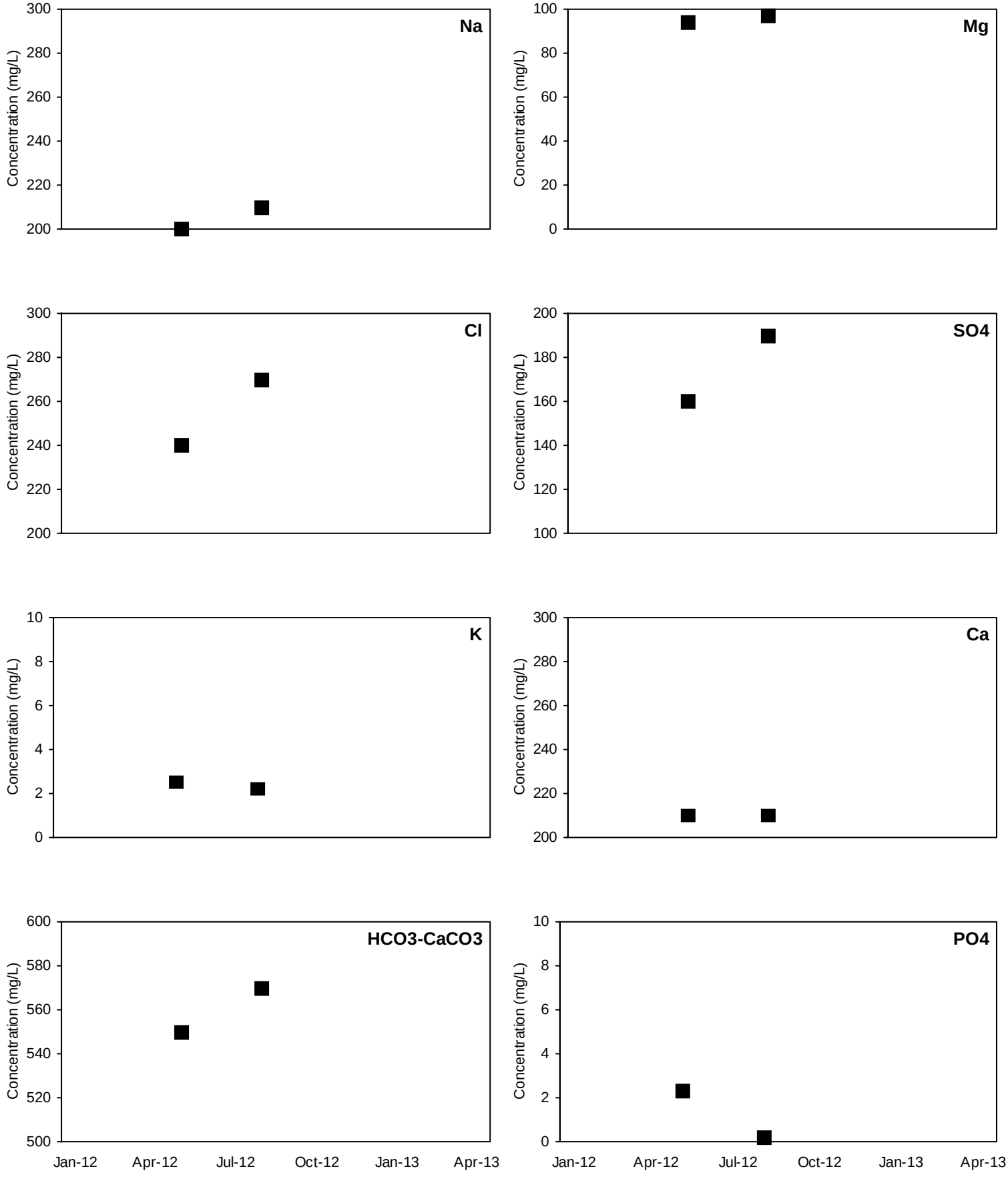
PLS-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

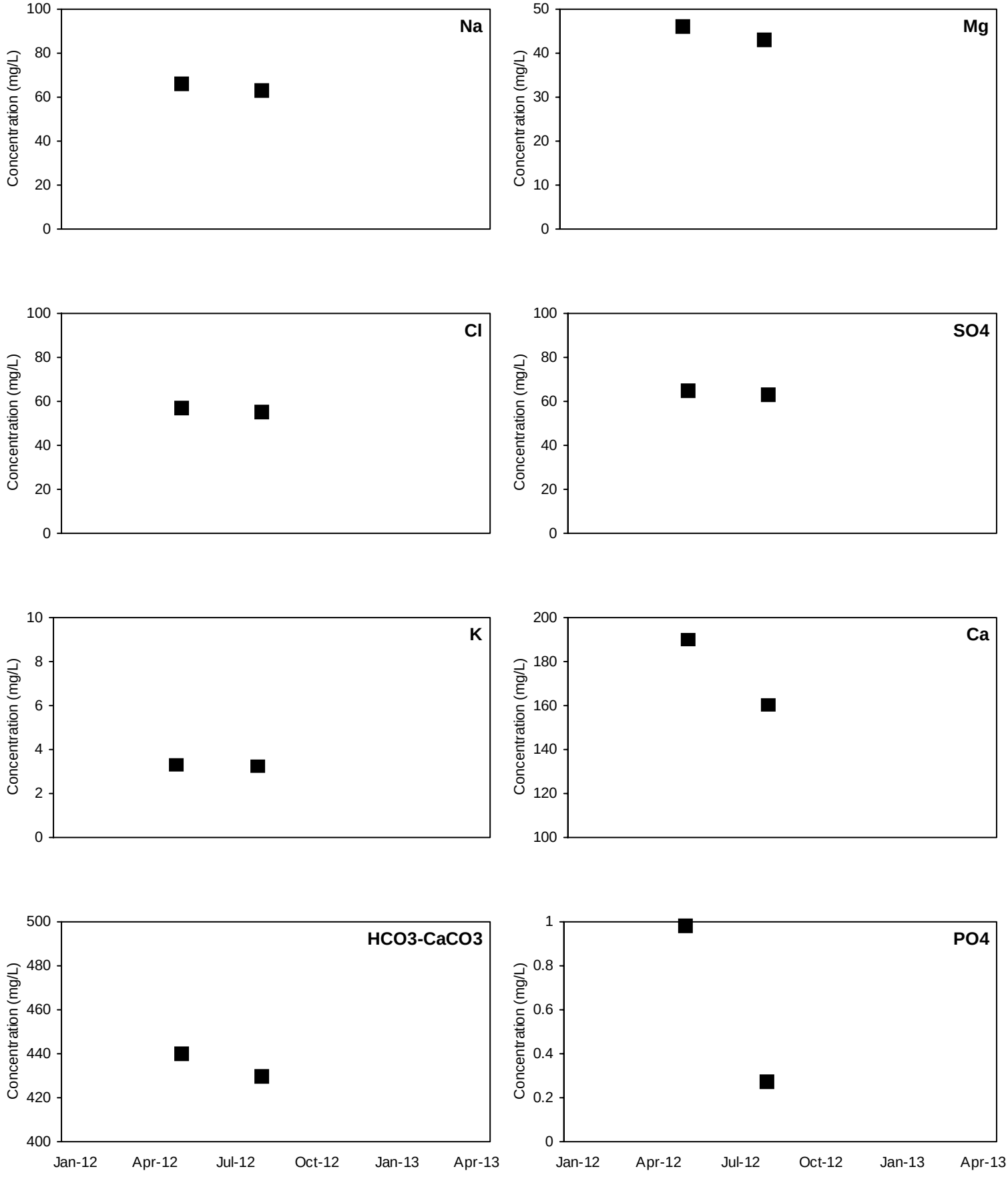
PLS-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

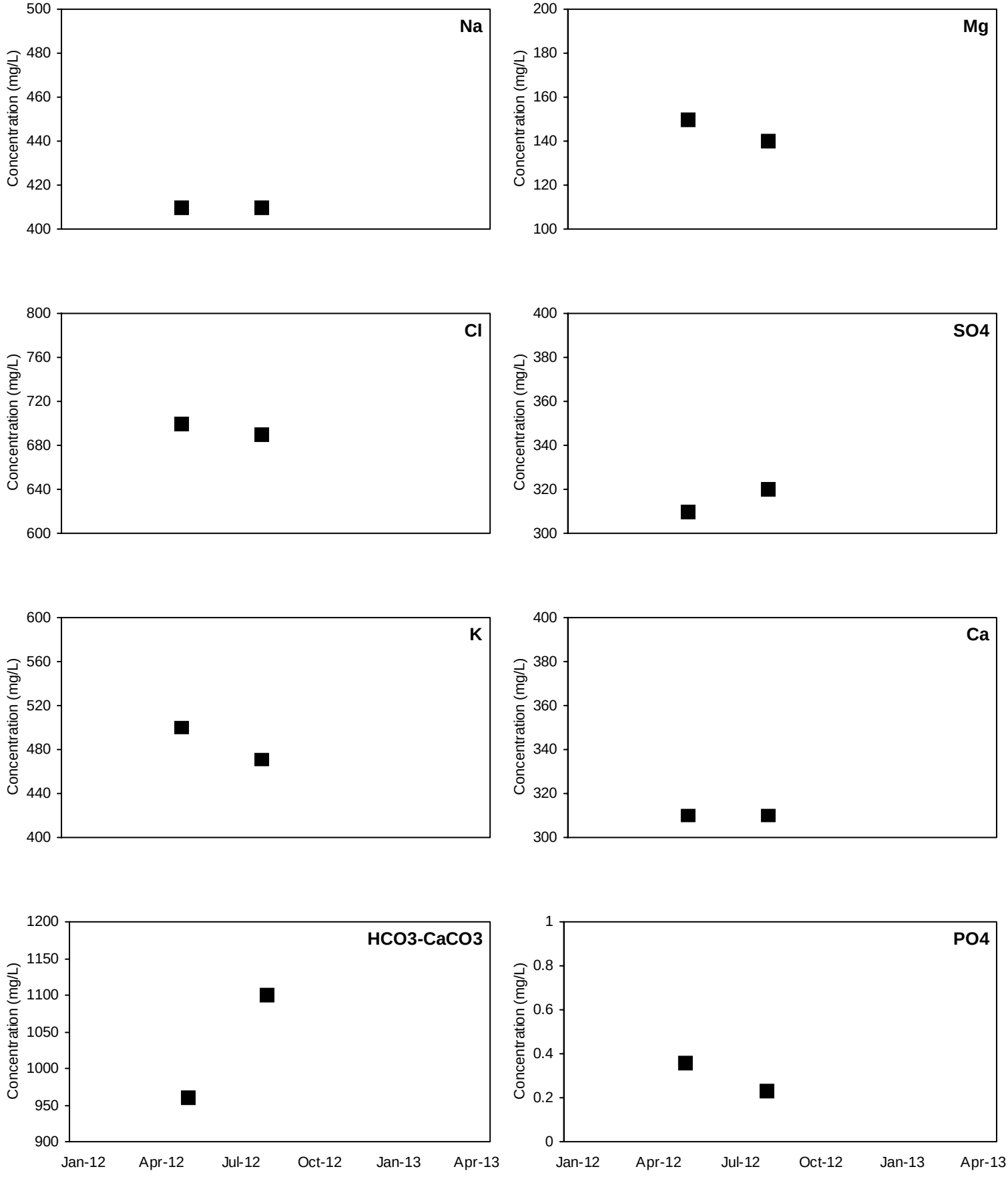
PLS-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

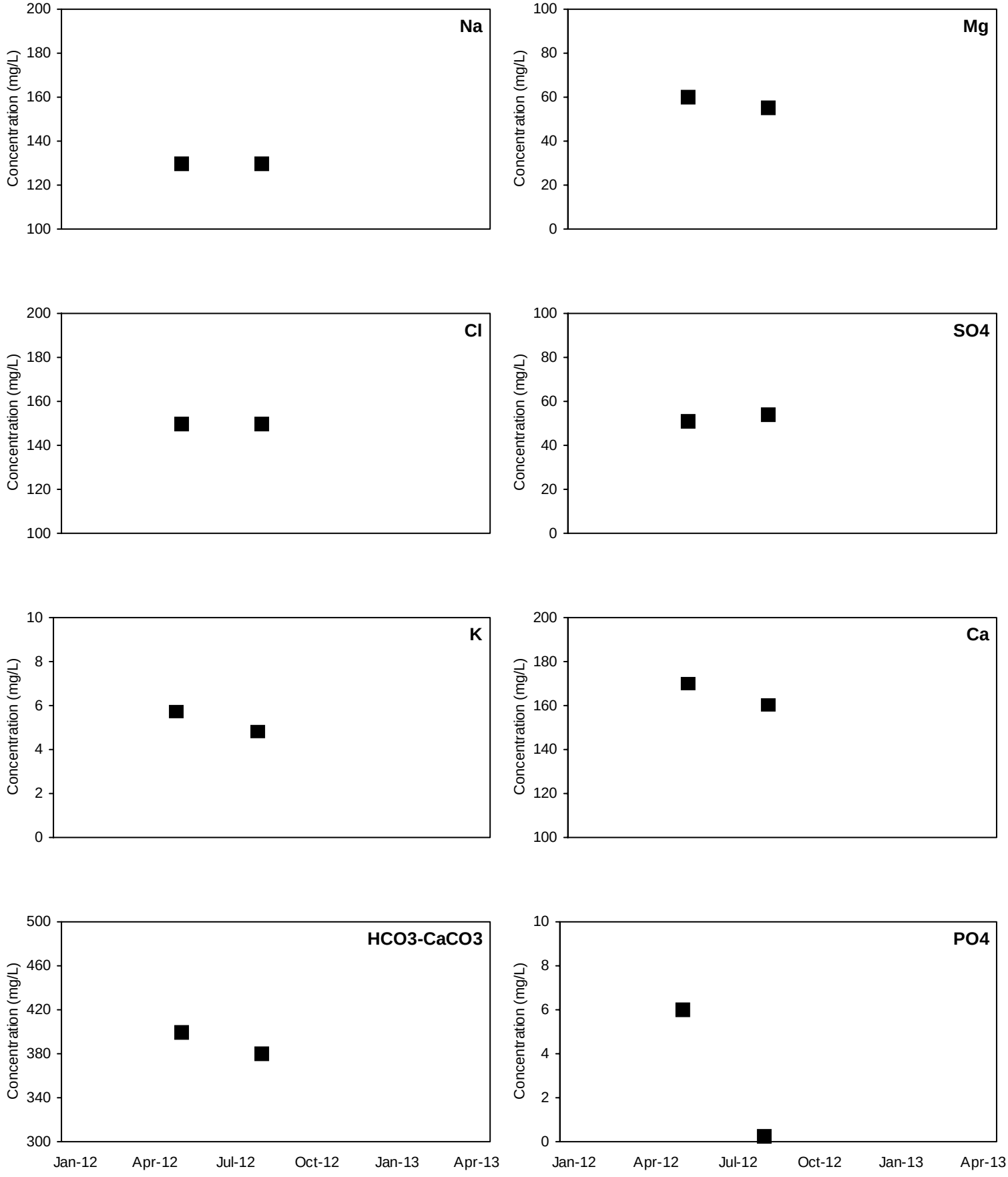
PLS-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

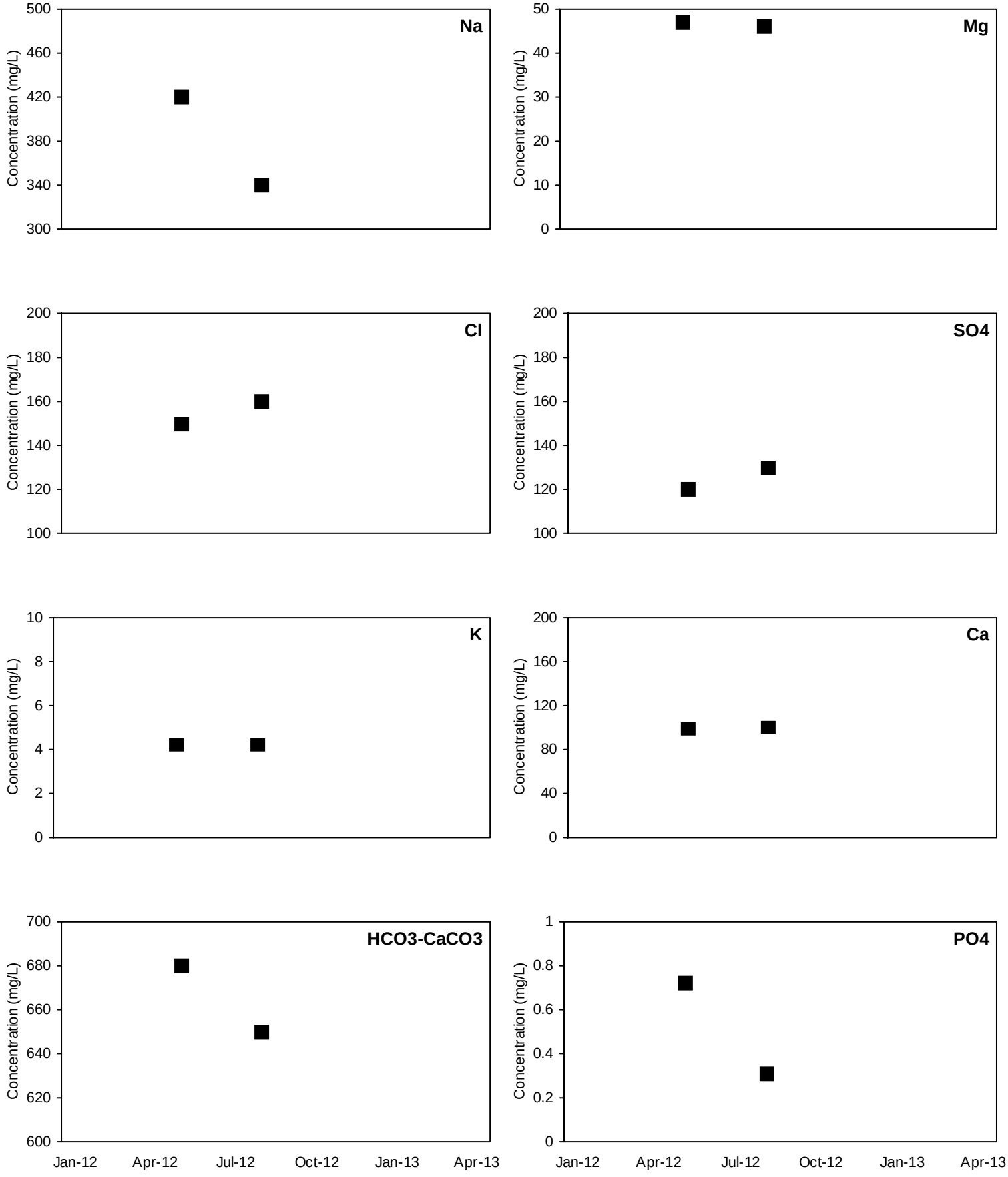
PLS-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

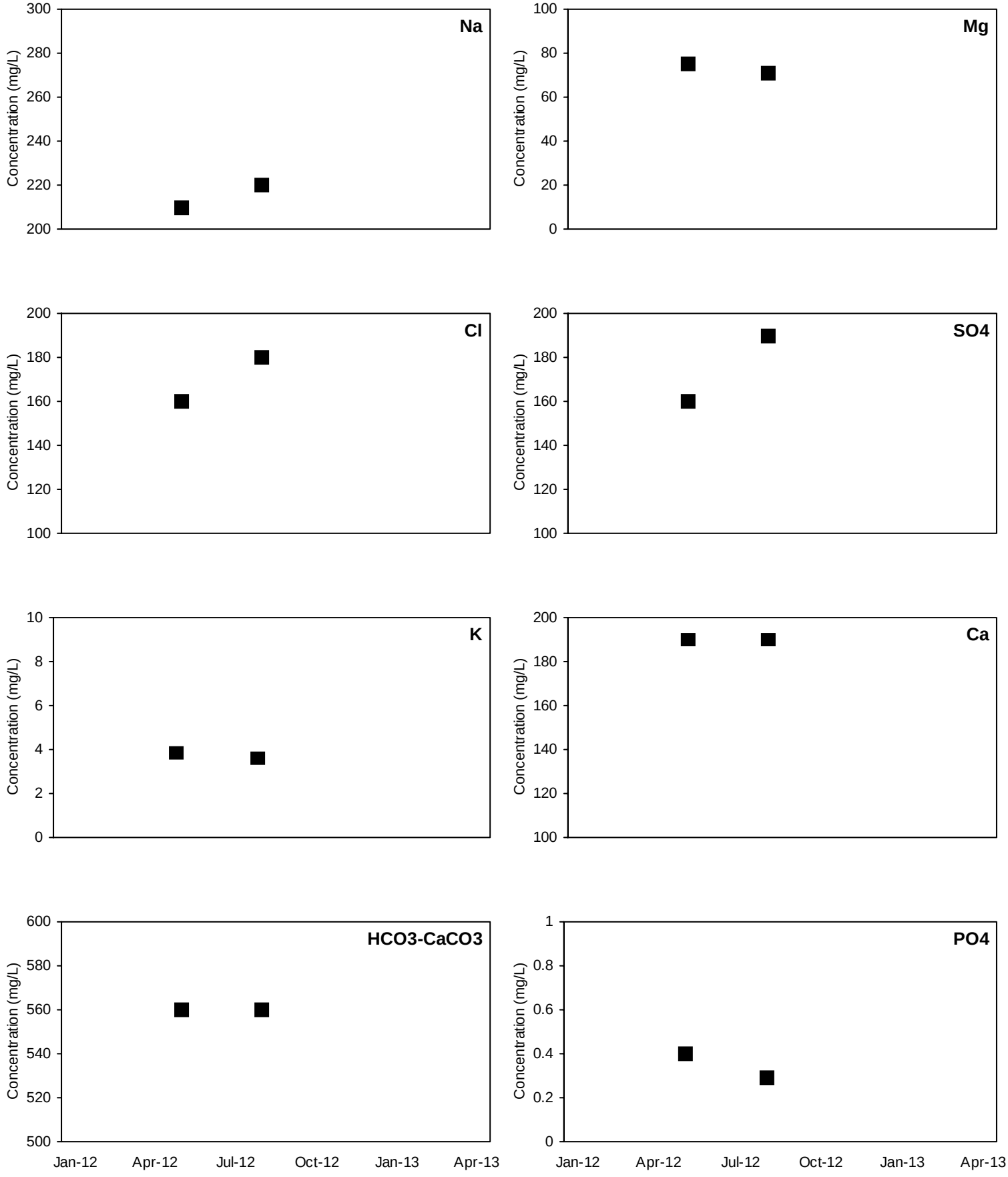
PLS-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

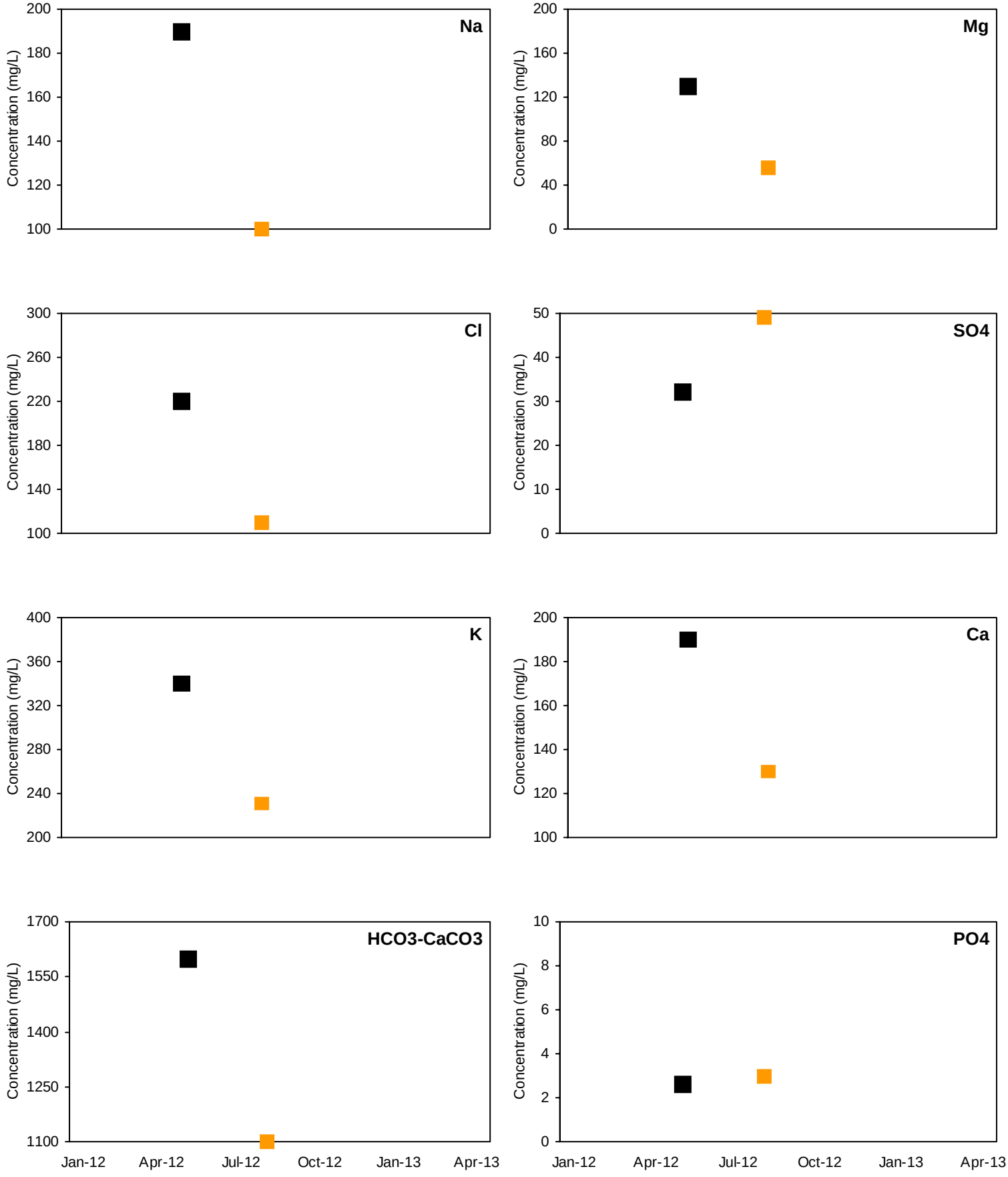
PLS-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

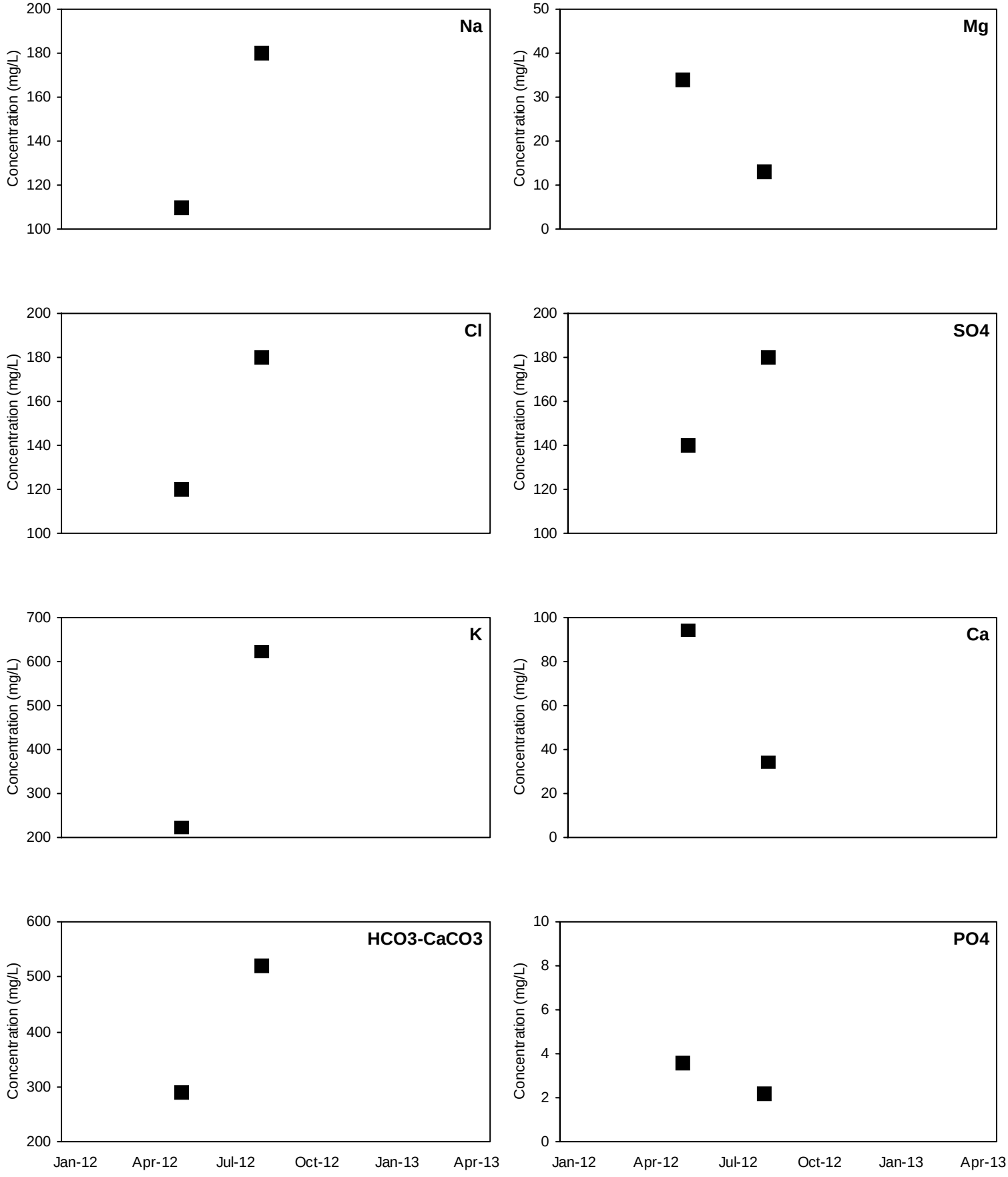
CAE-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

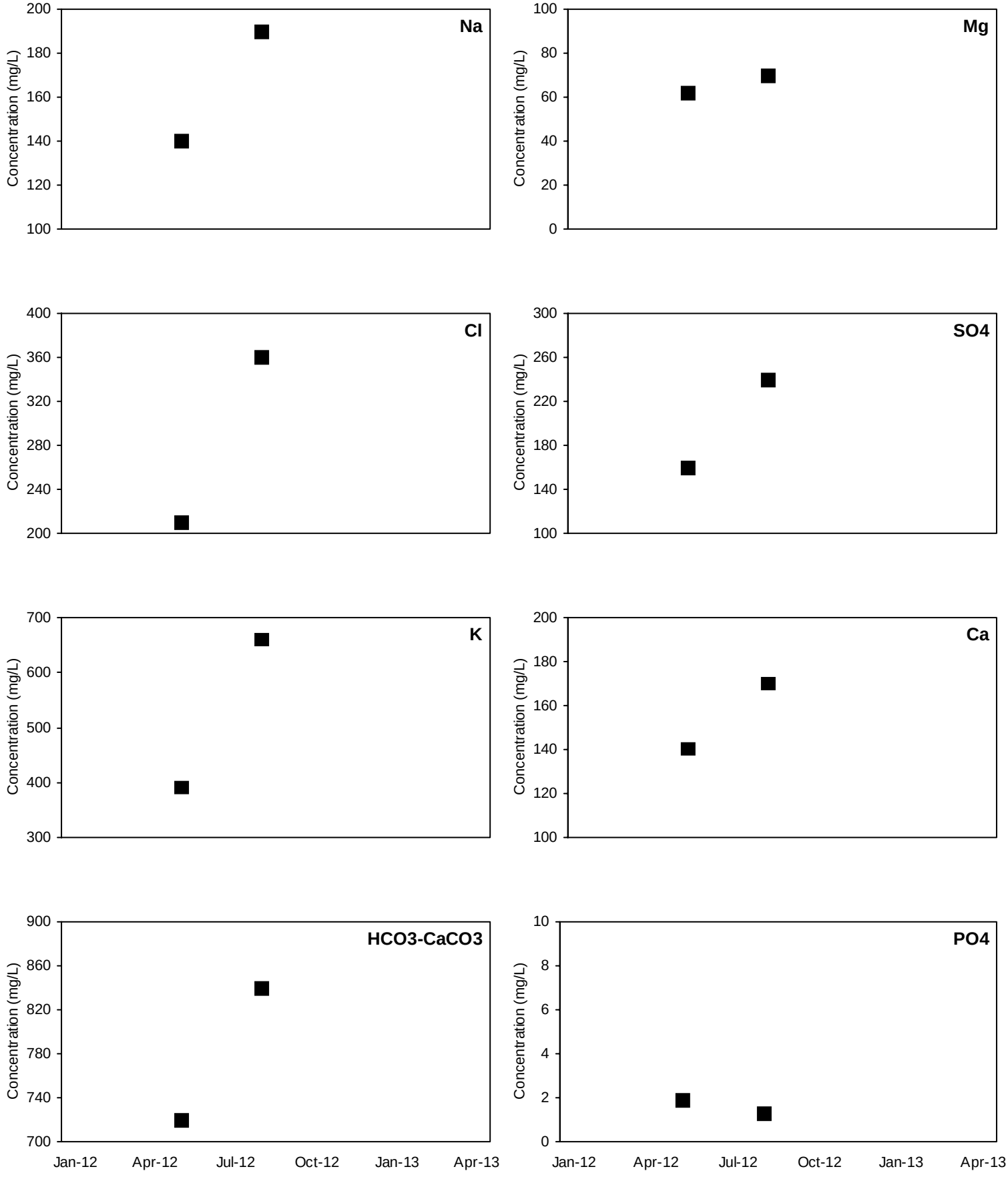
CAE-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

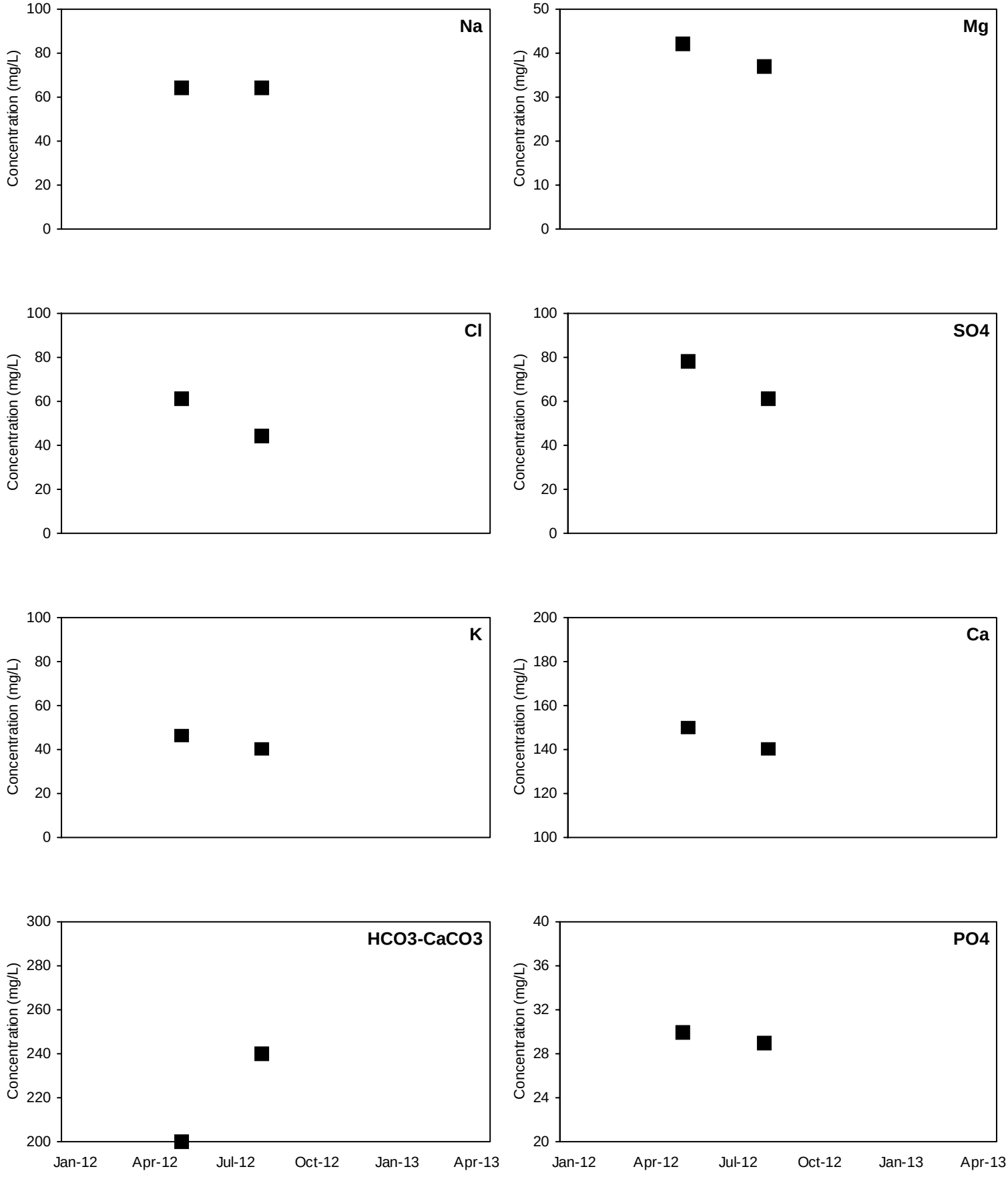
CAE-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

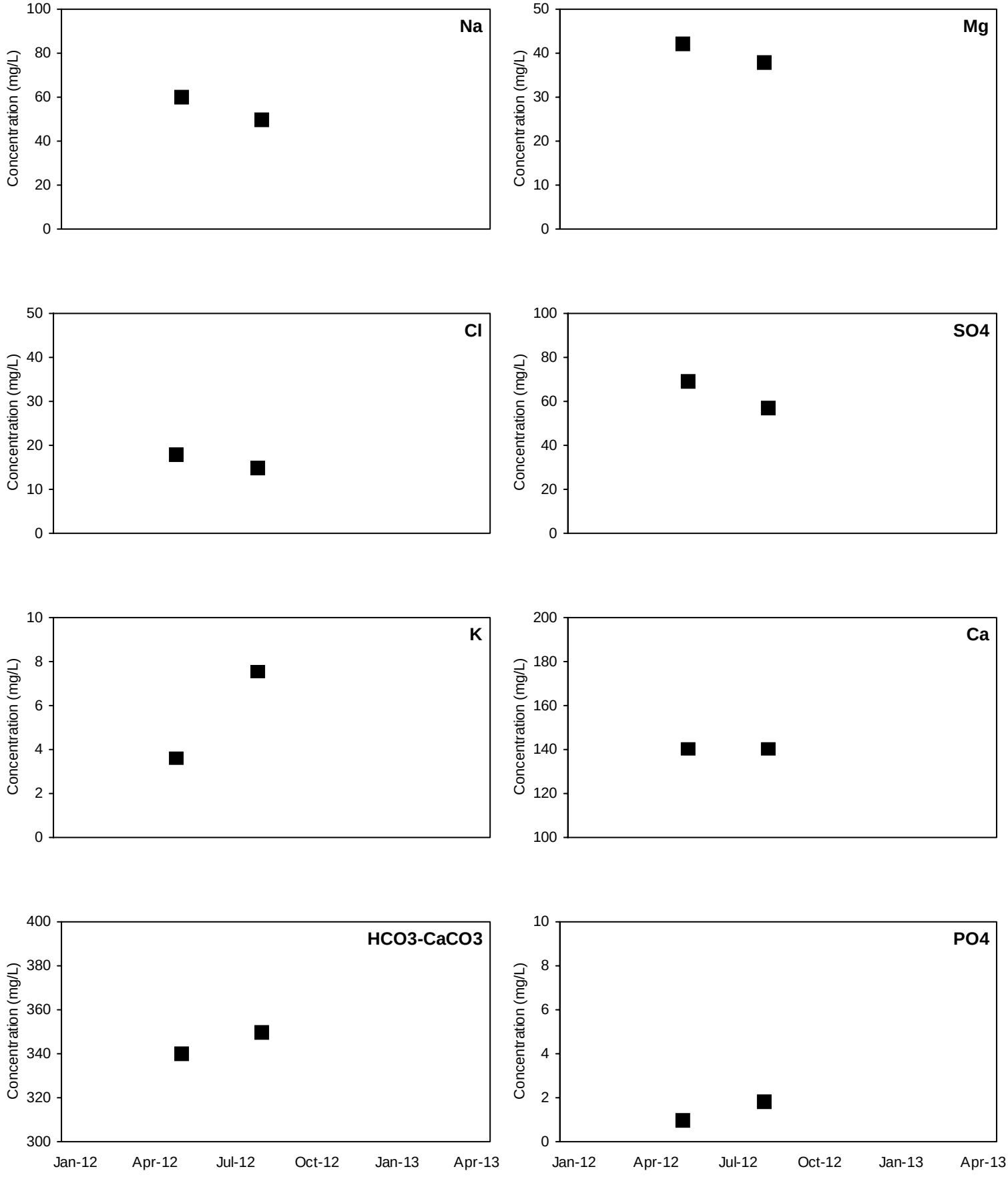
CAE-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

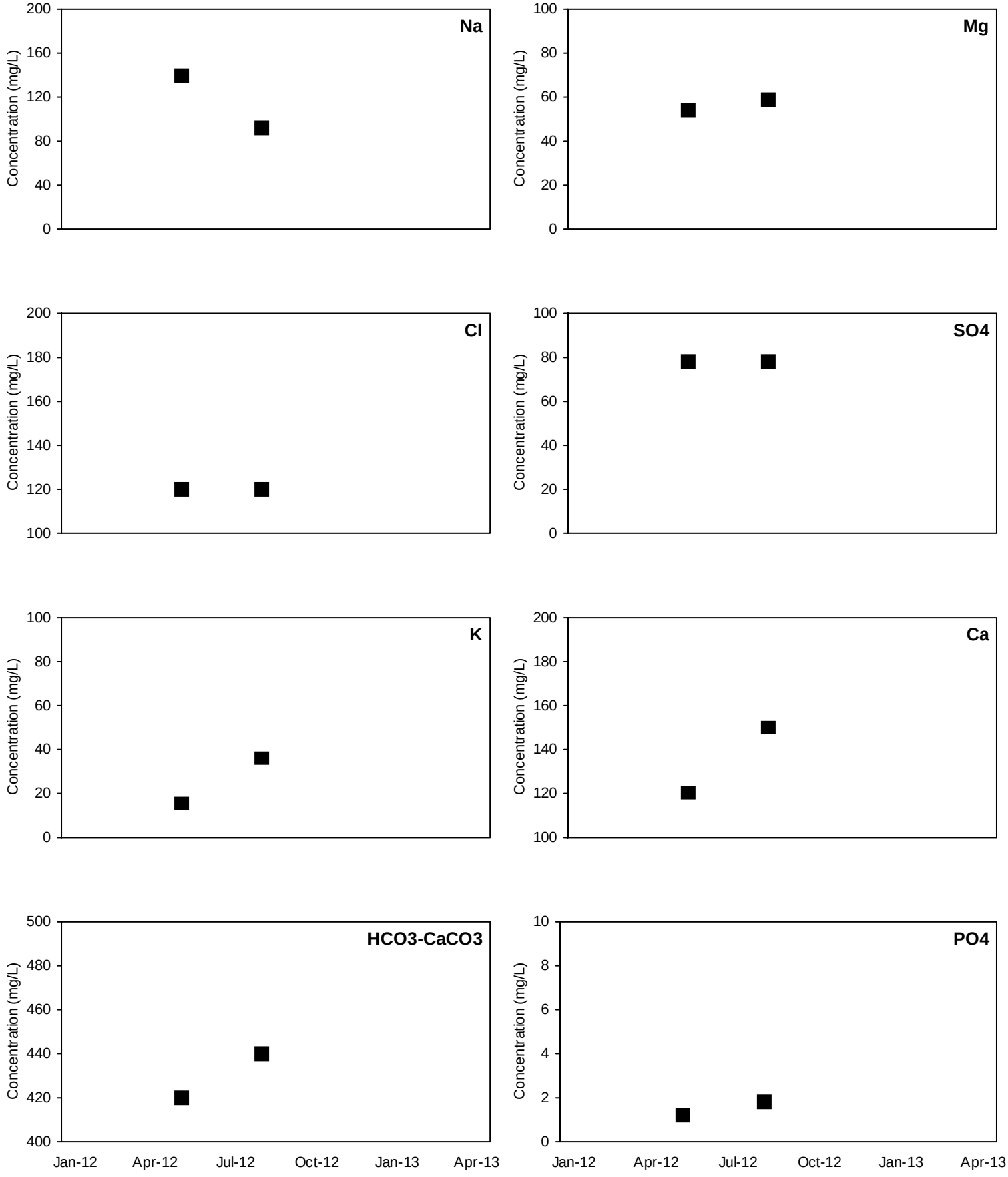
CAE-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

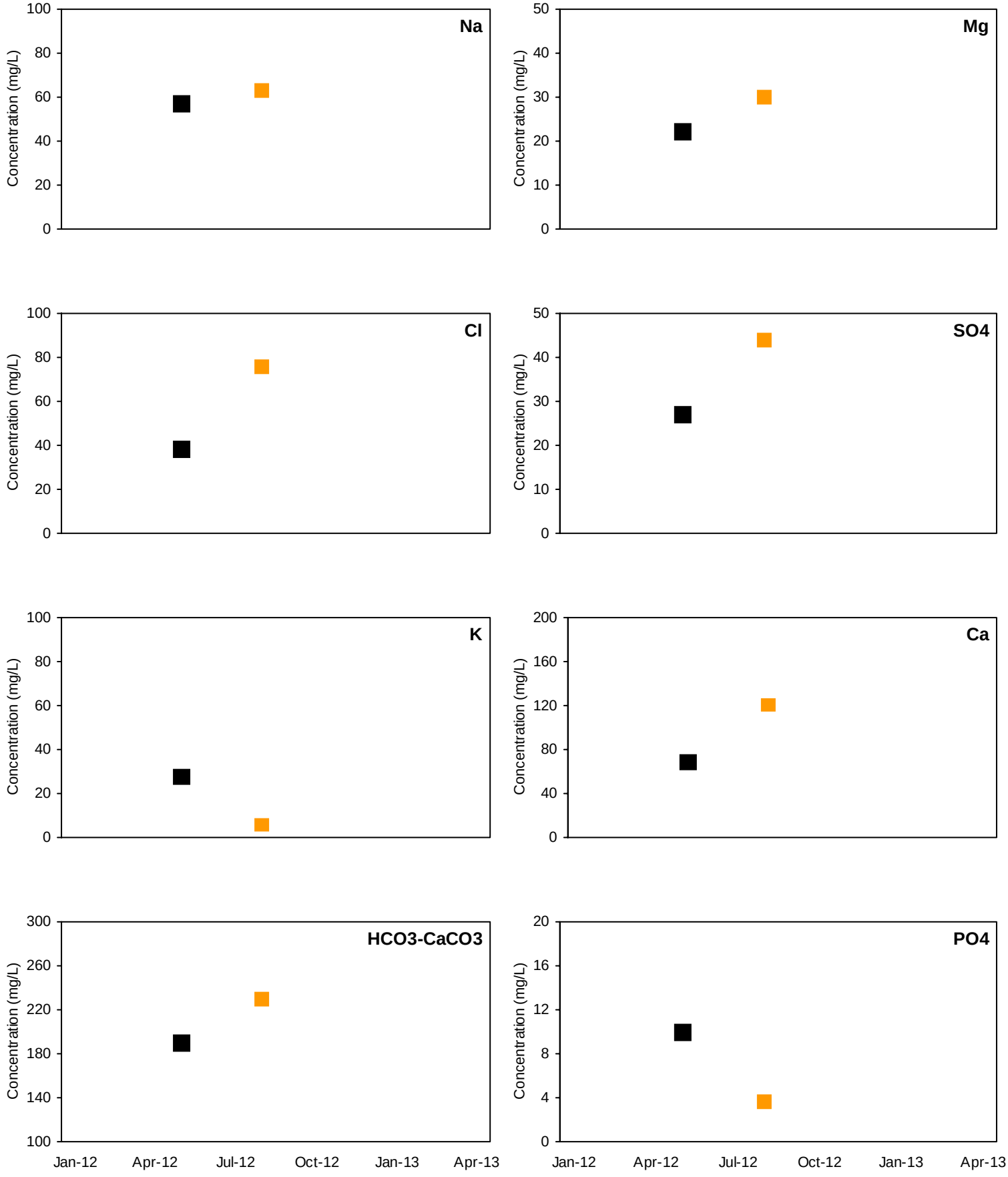
CAE-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

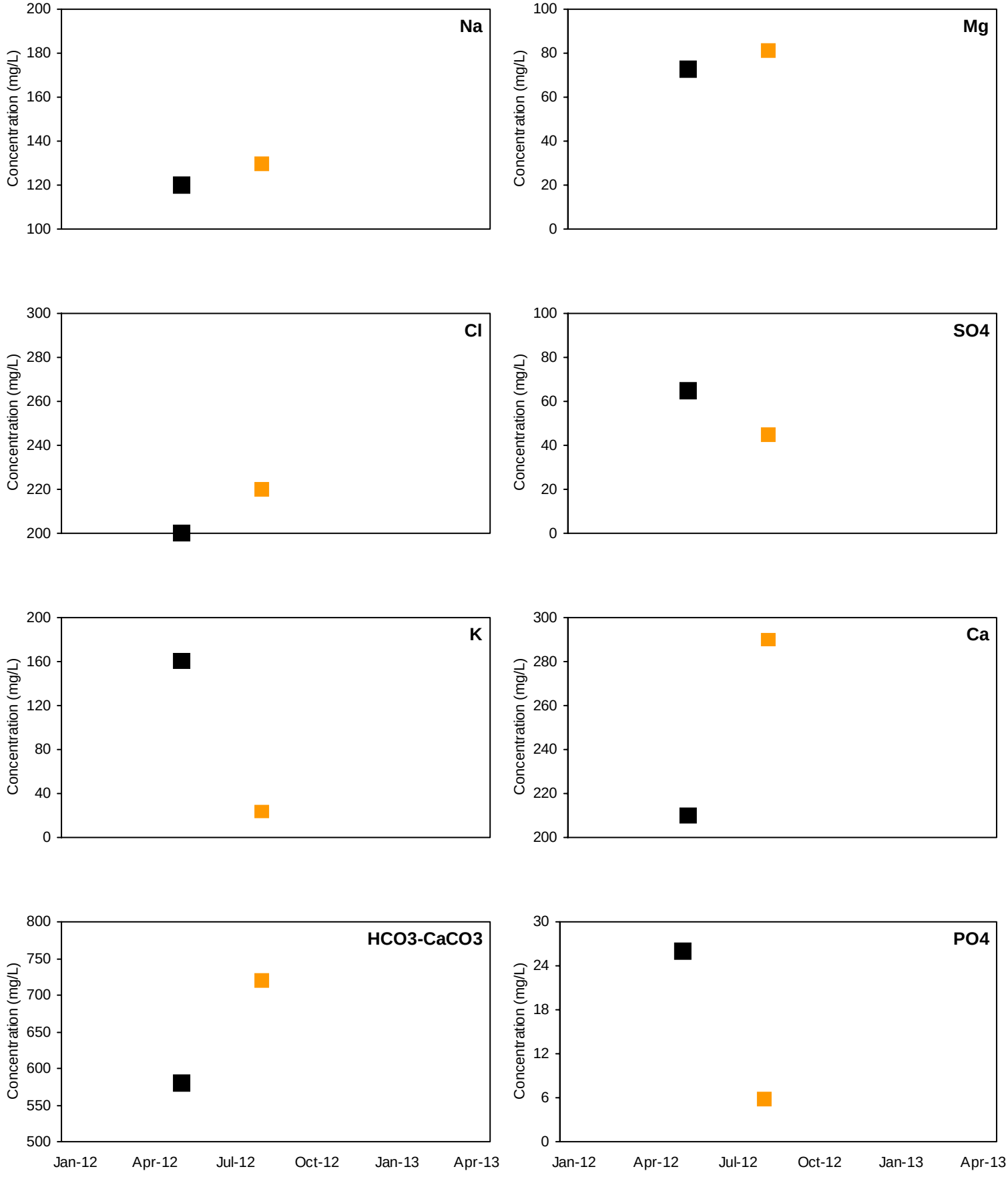
ROB-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

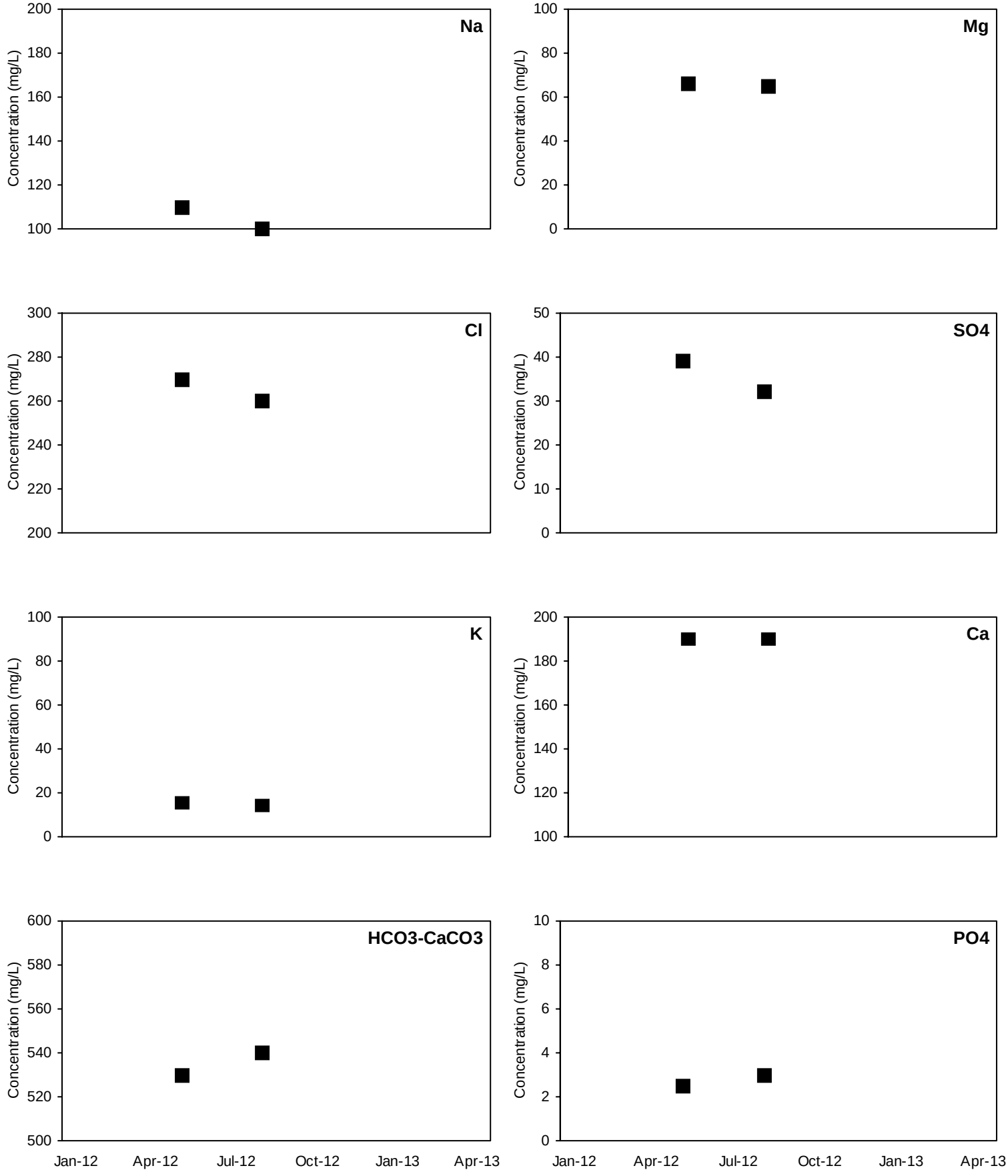
ROB-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

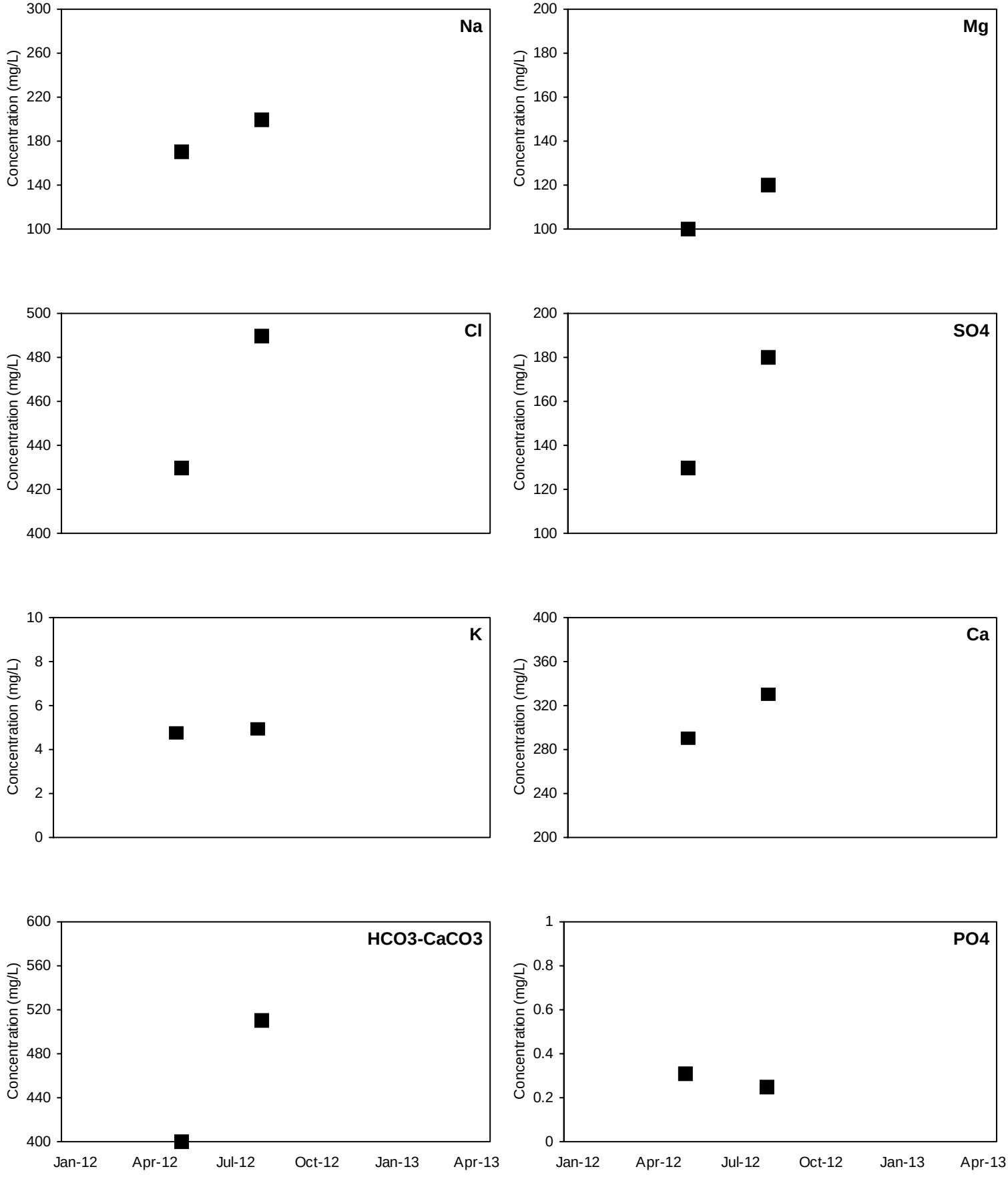
ROB-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

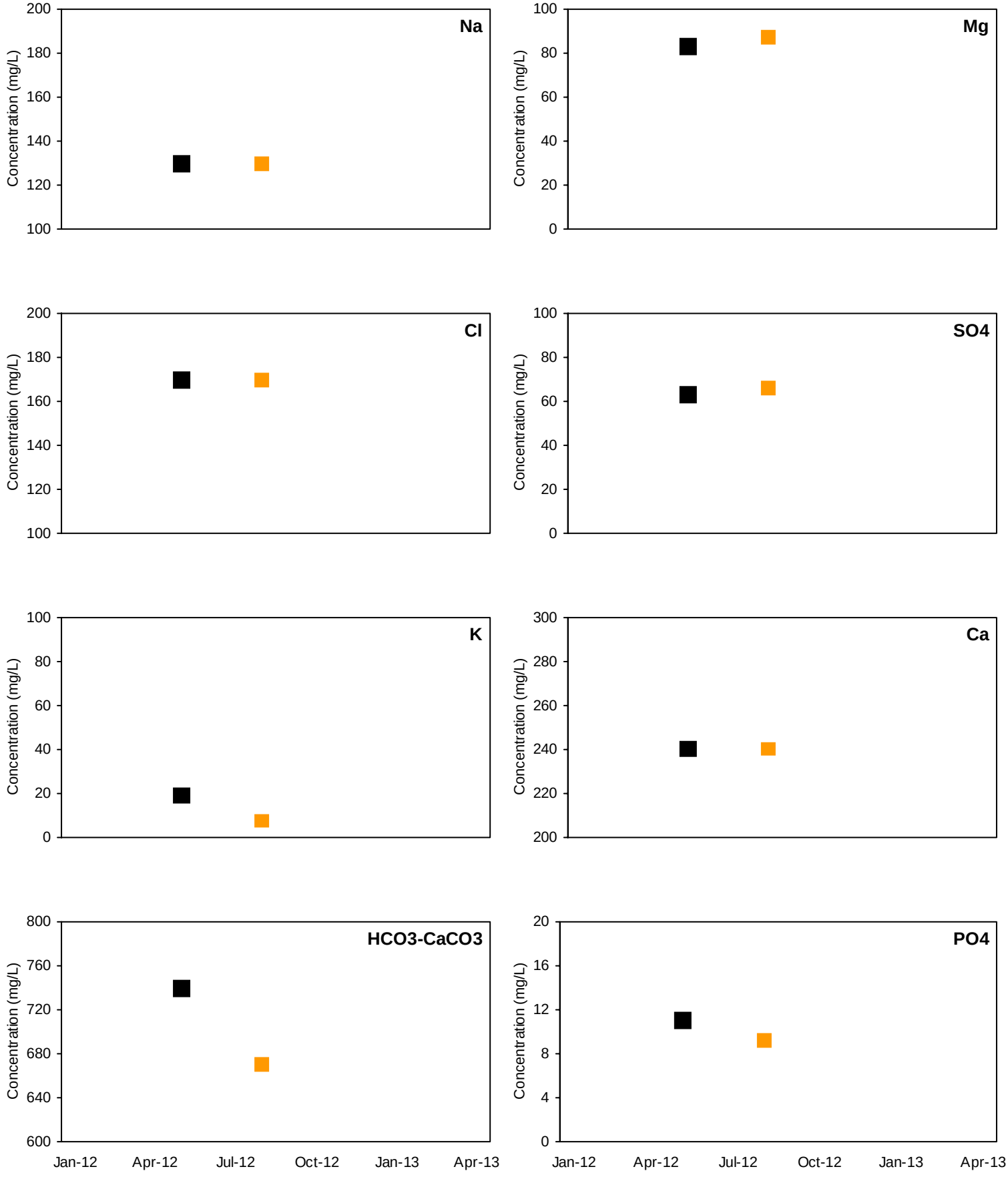
ROB-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

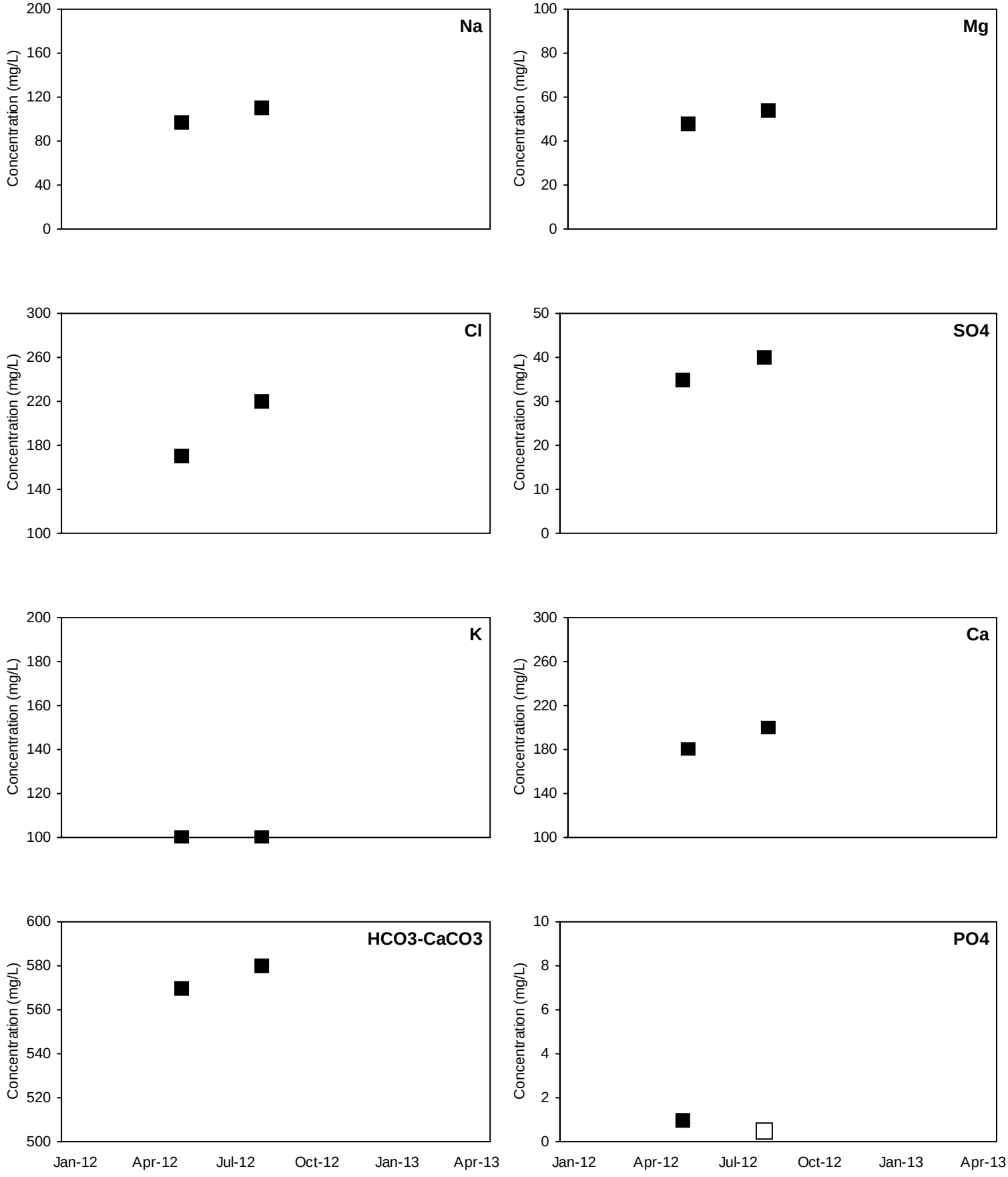
ROB-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

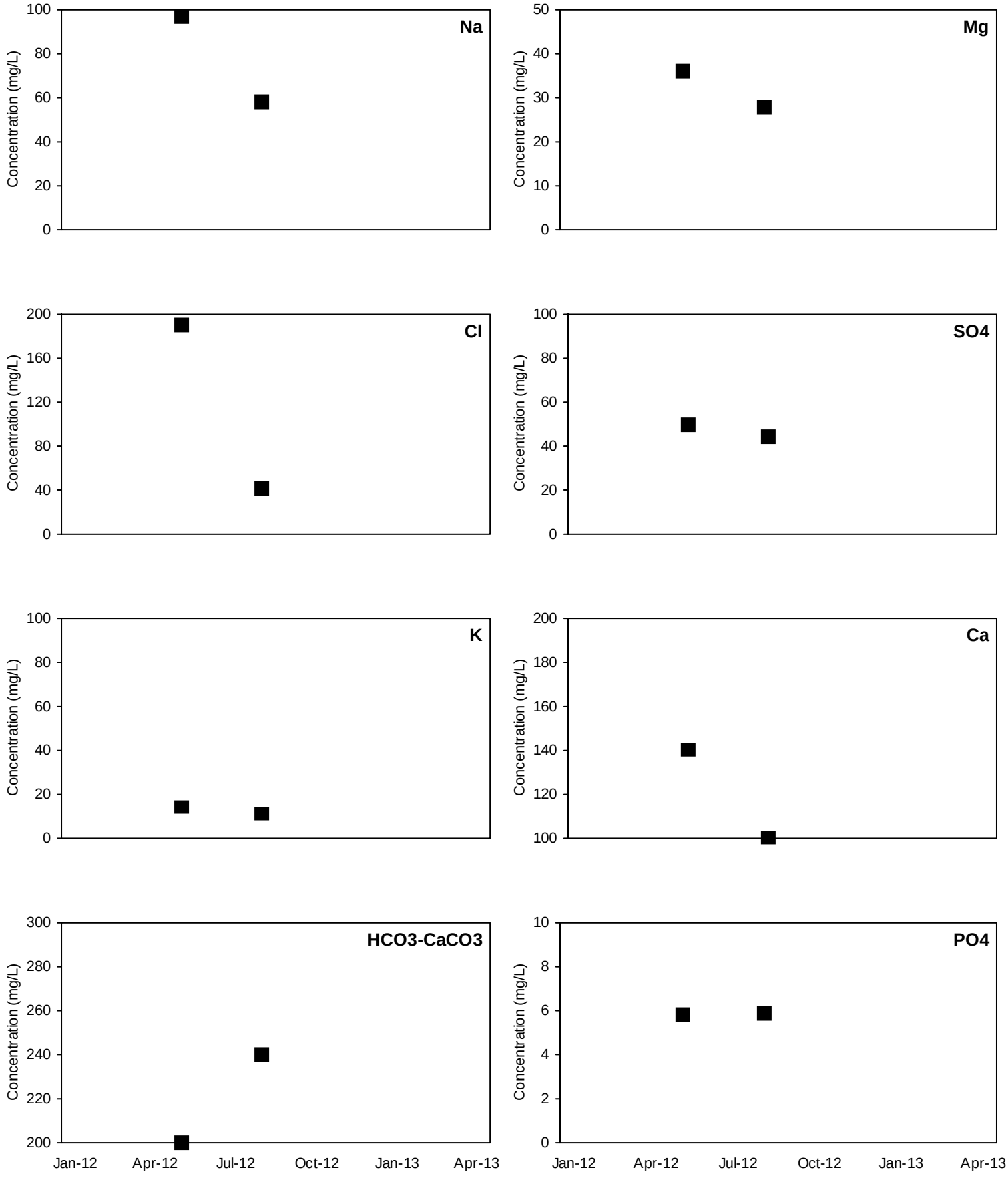
ROB-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

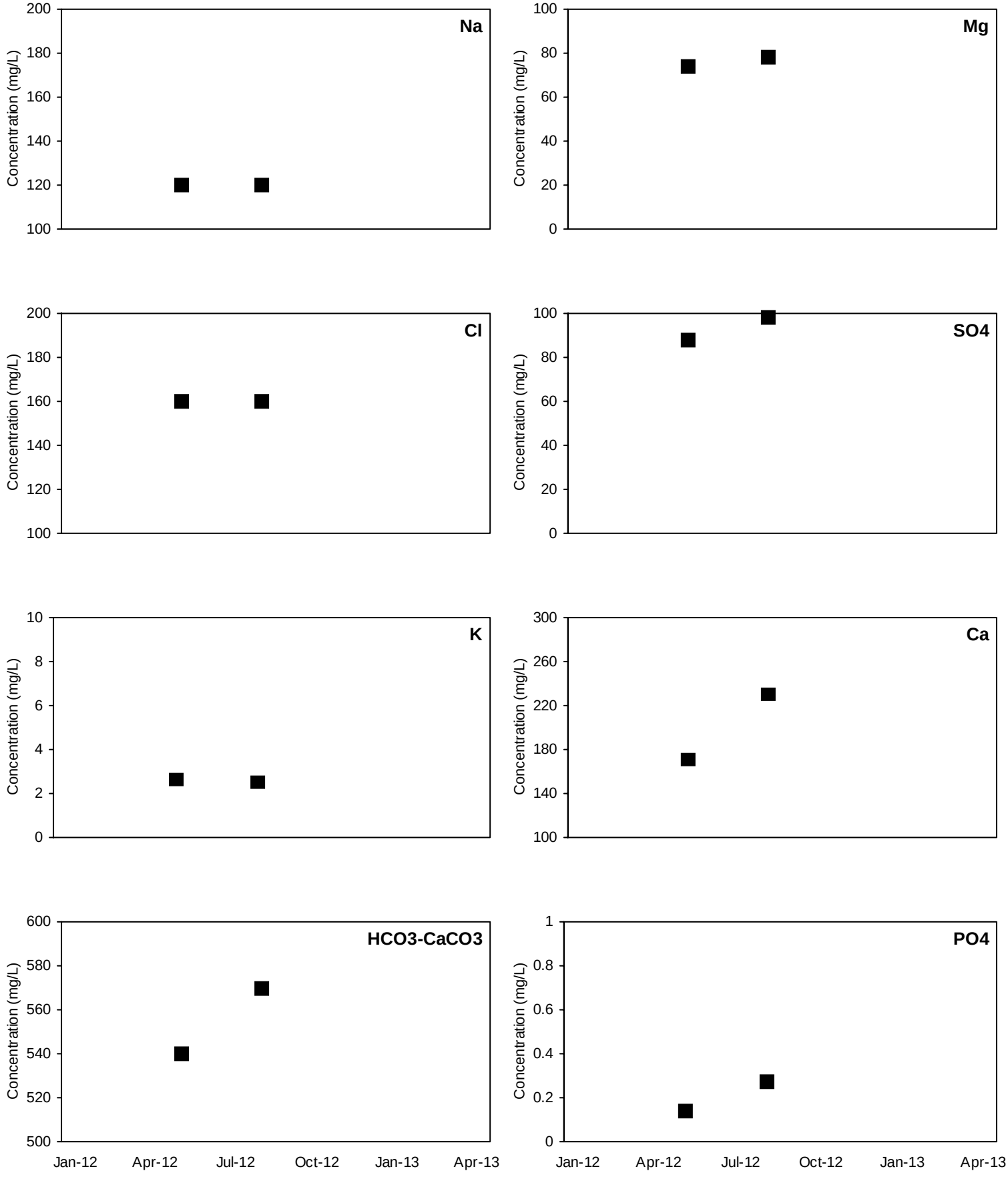
ROB-MW7



Detected Value 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

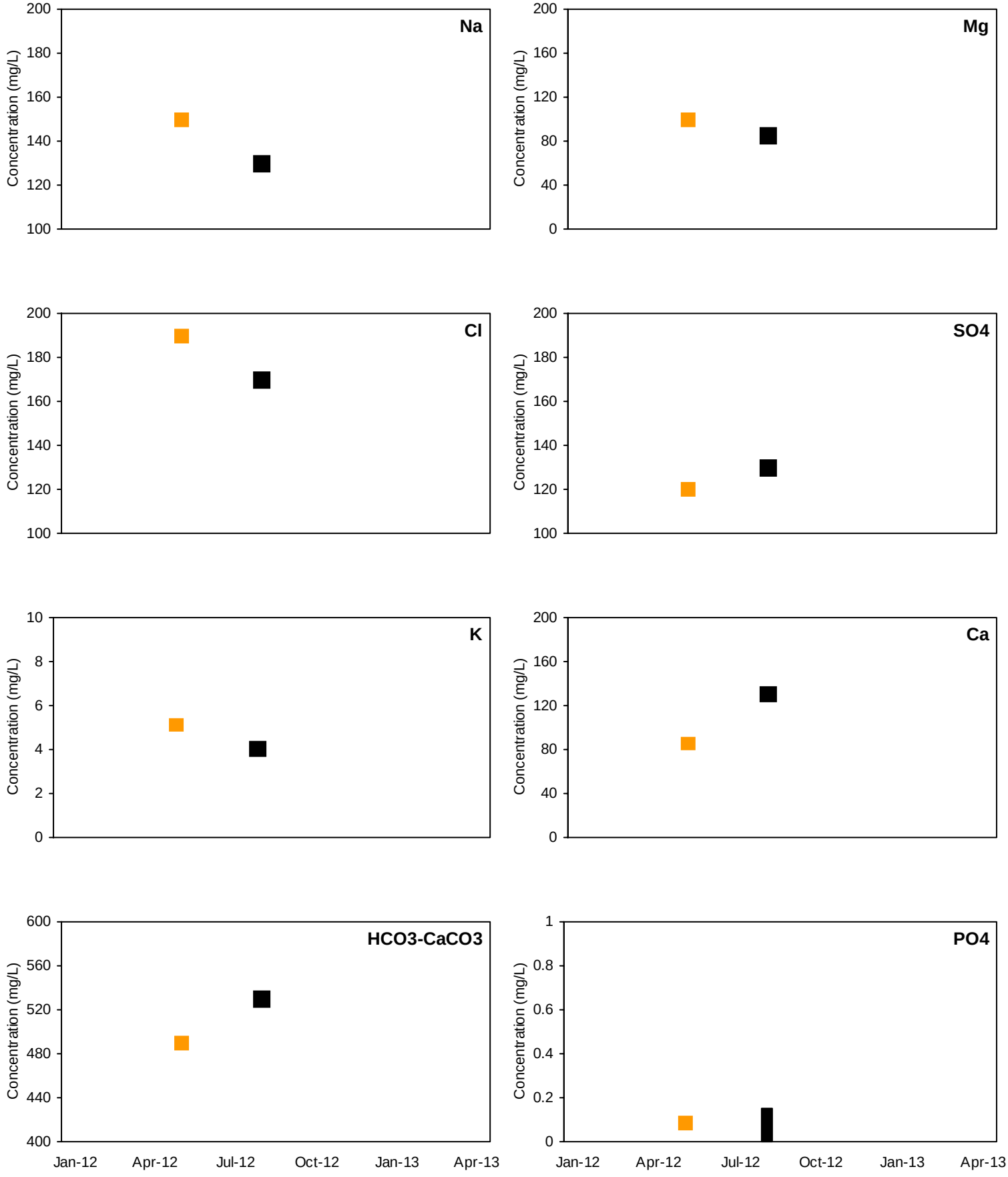
ROB-MW8



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

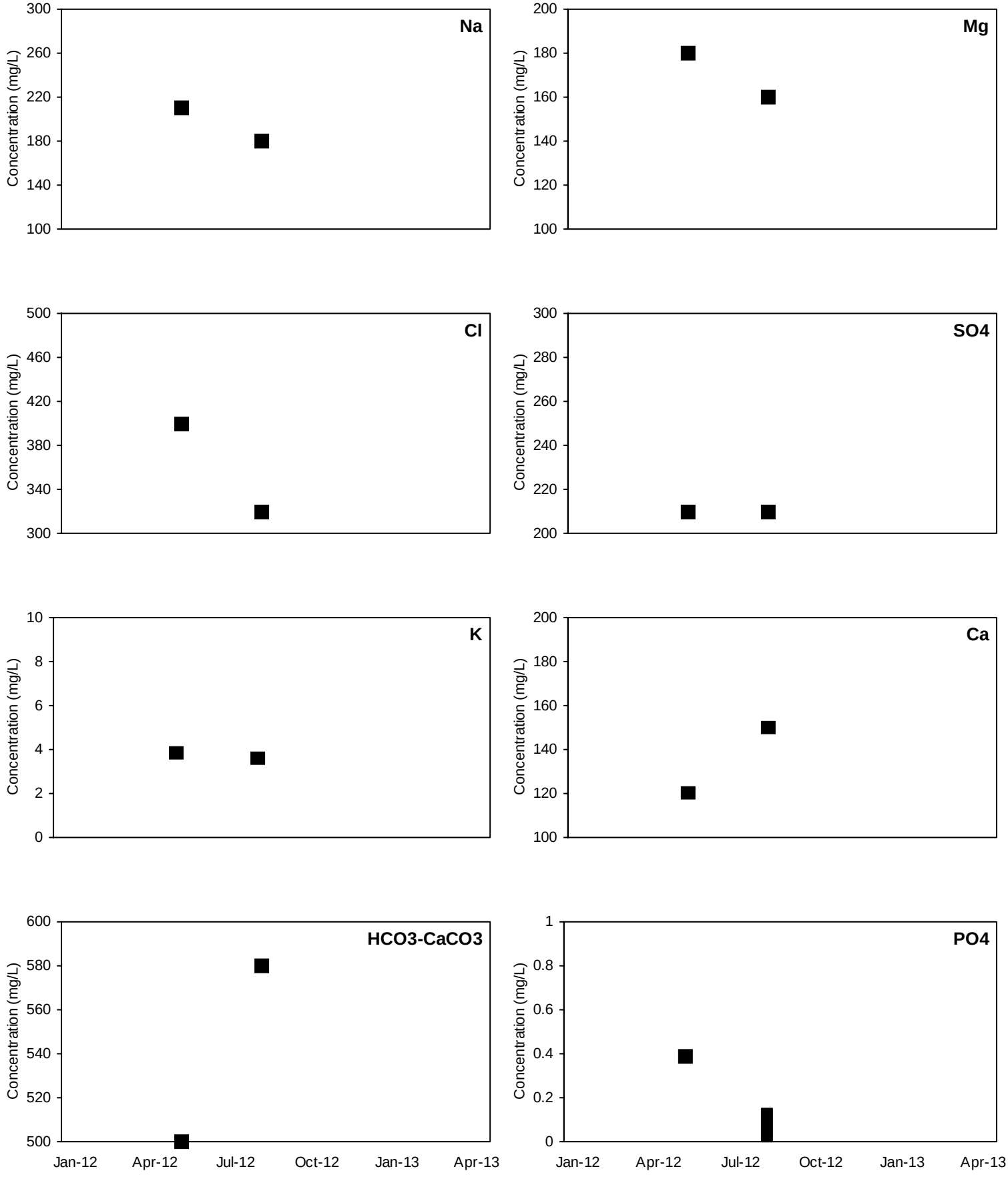
ANT-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

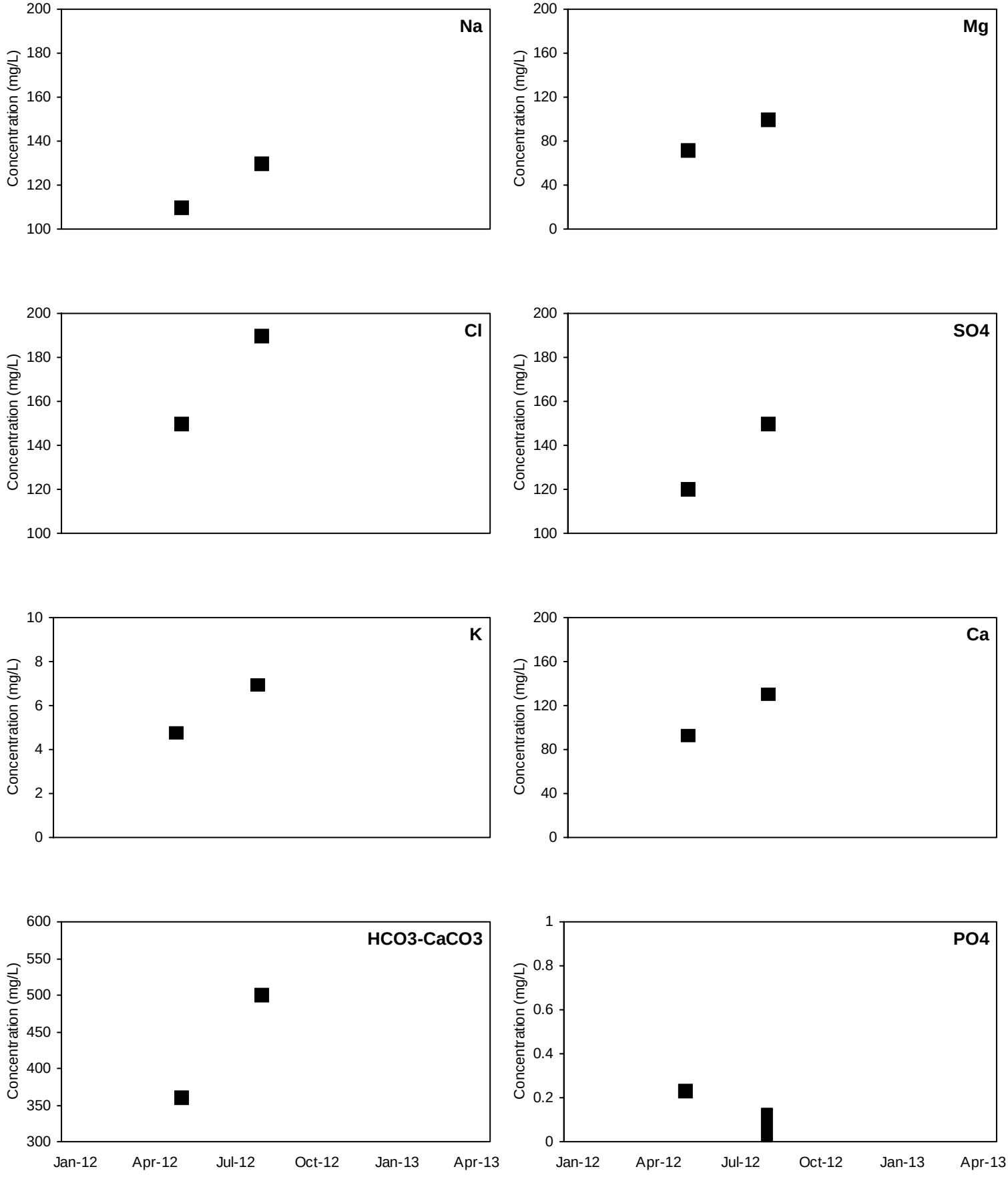
ANT-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

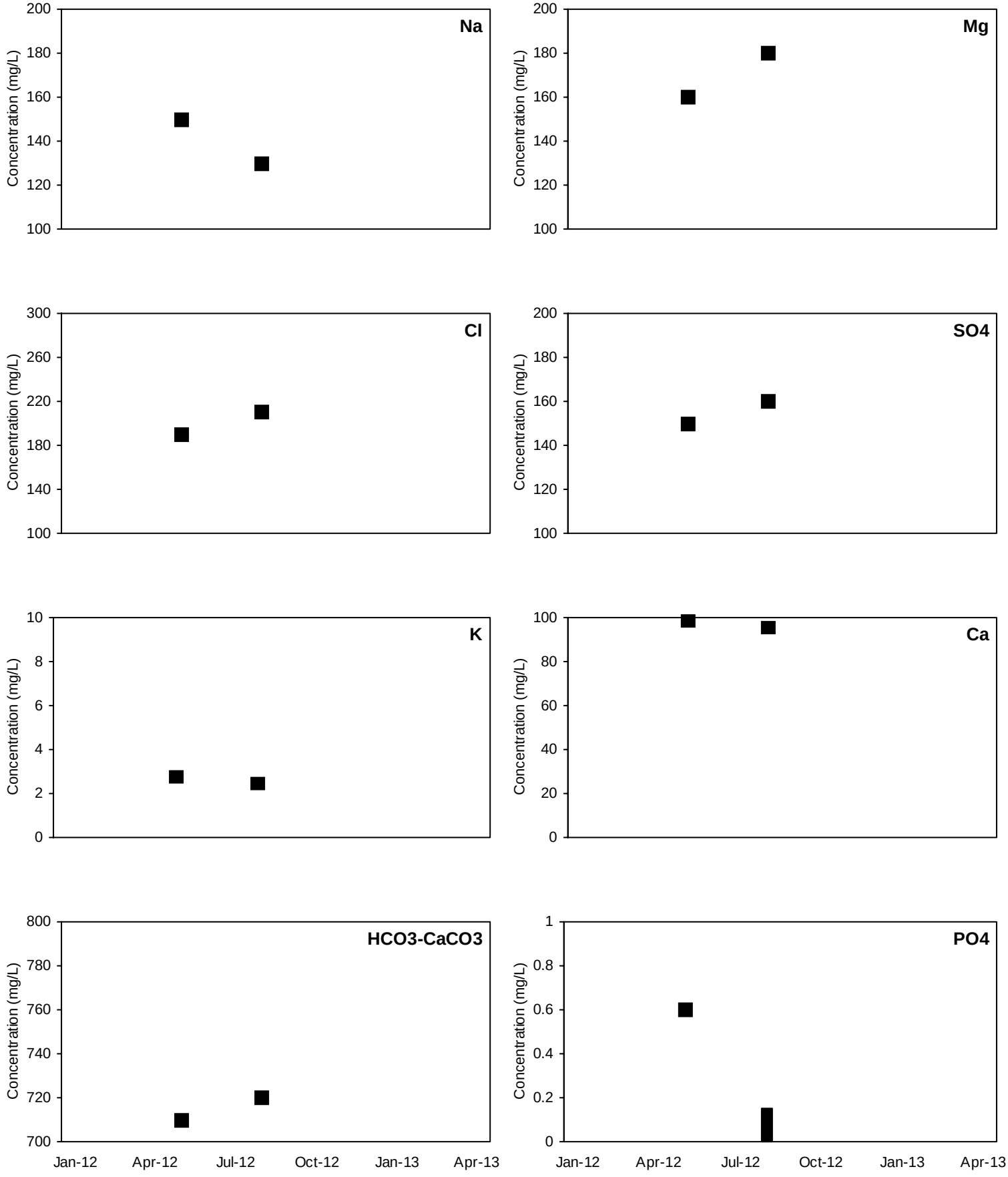
ANT-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

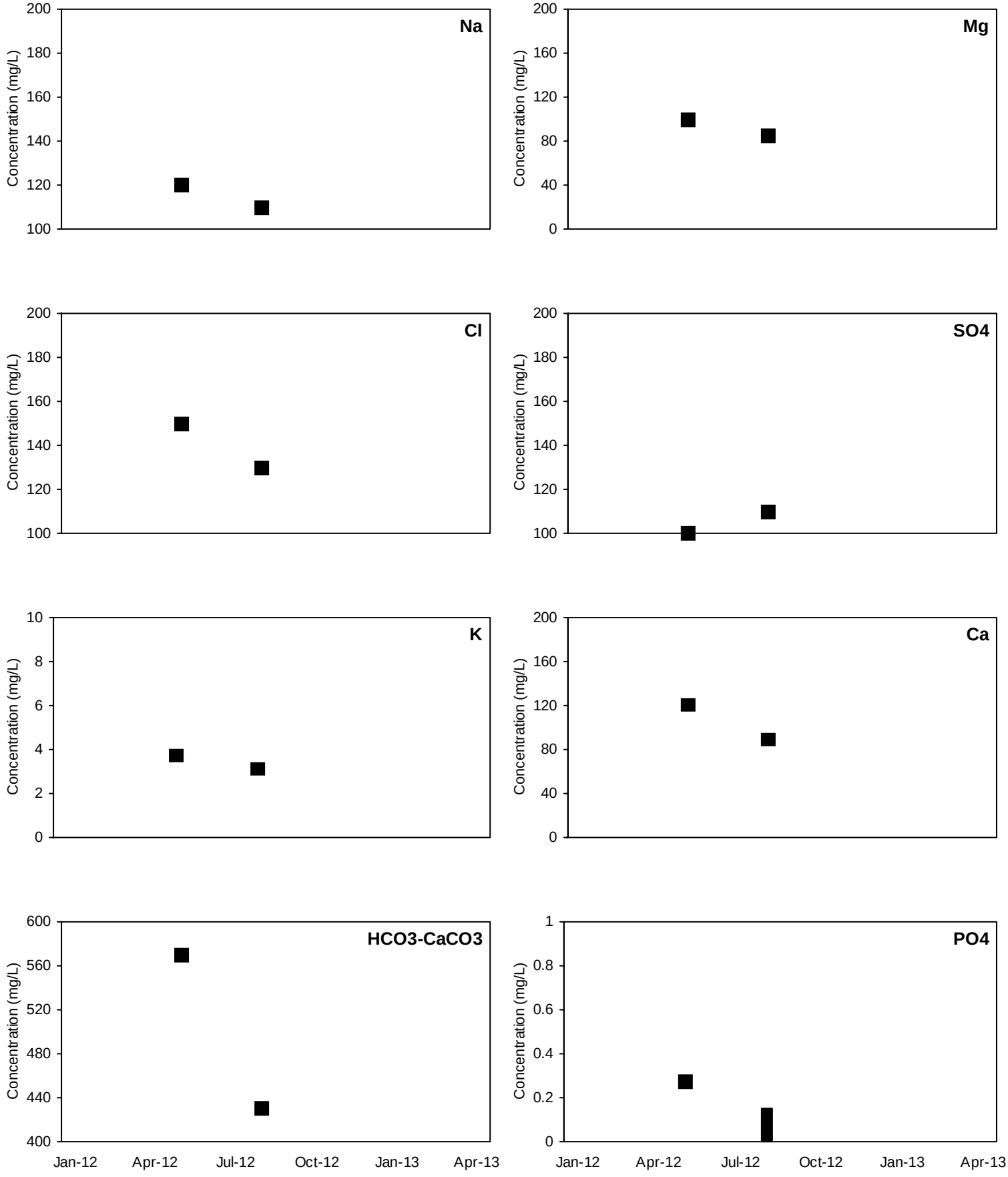
ANT-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

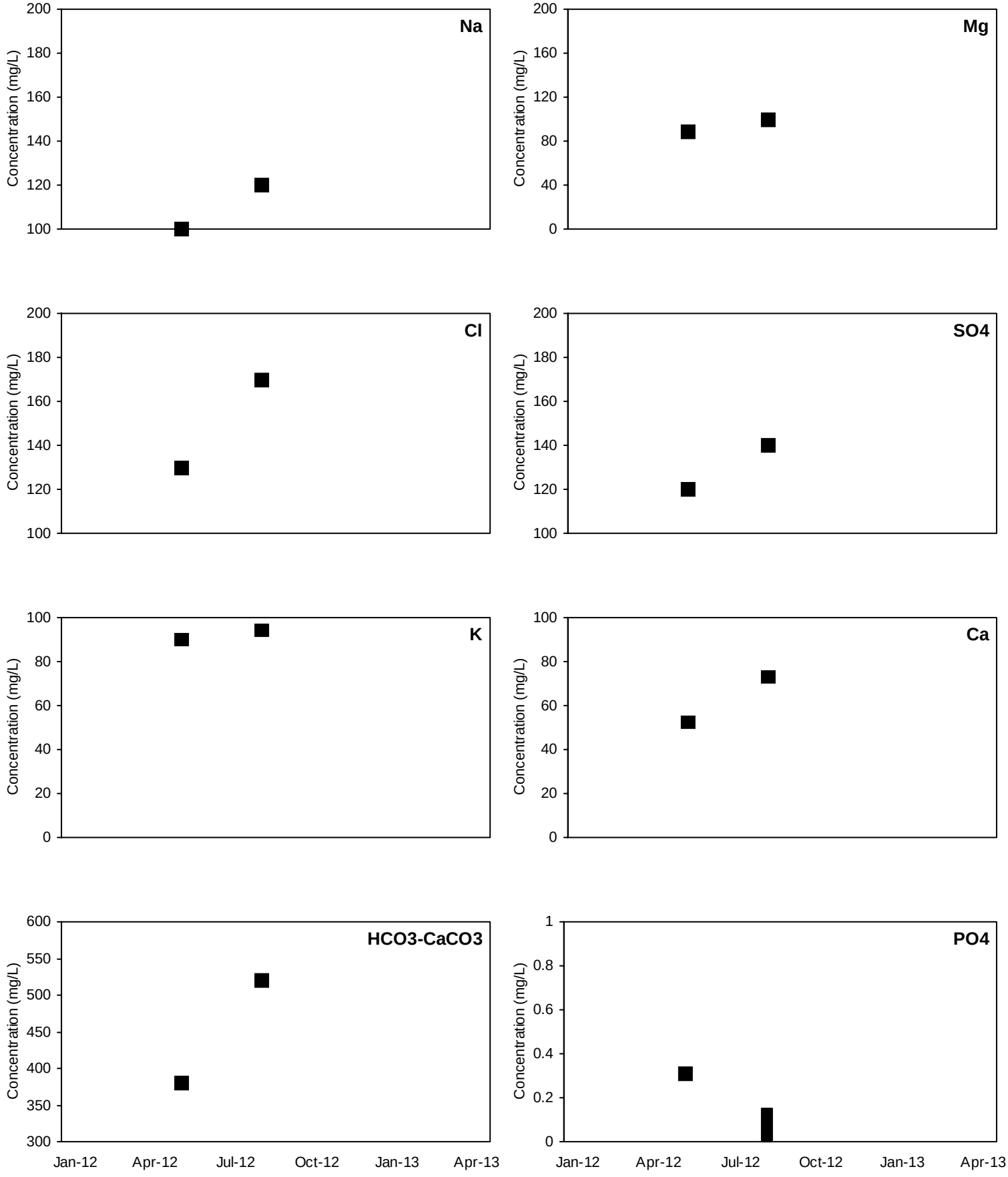
ANT-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

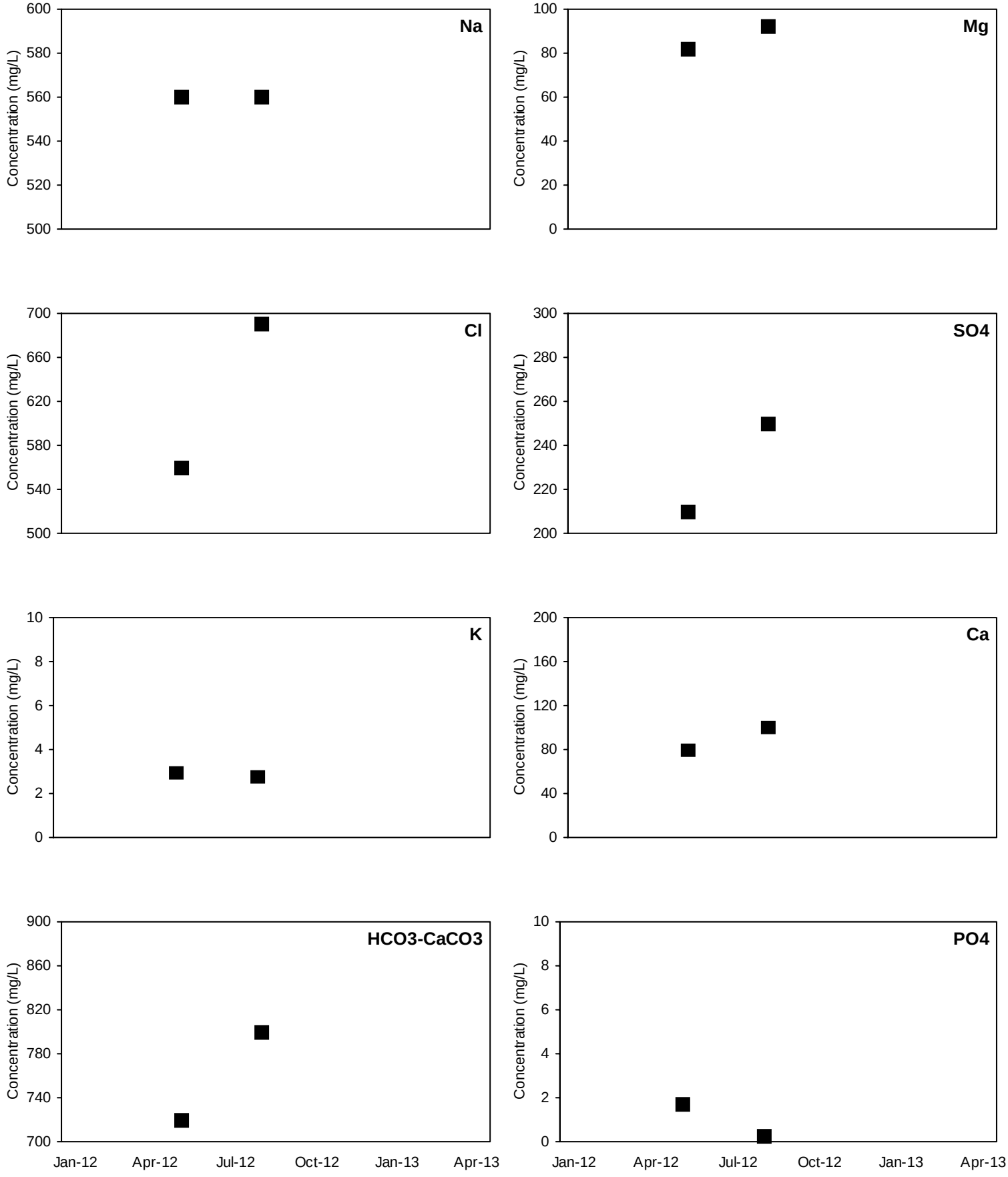
ANT-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

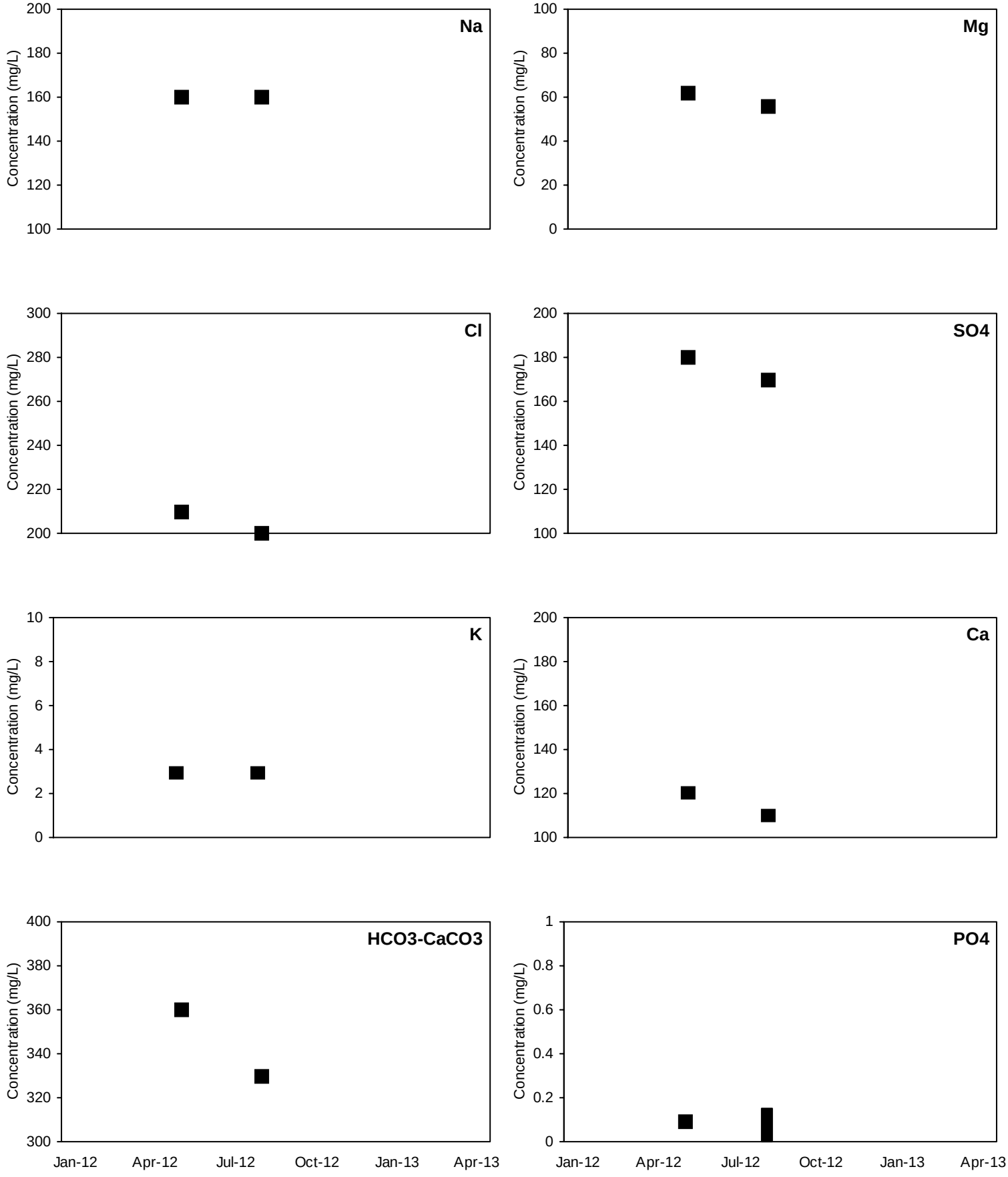
COR-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

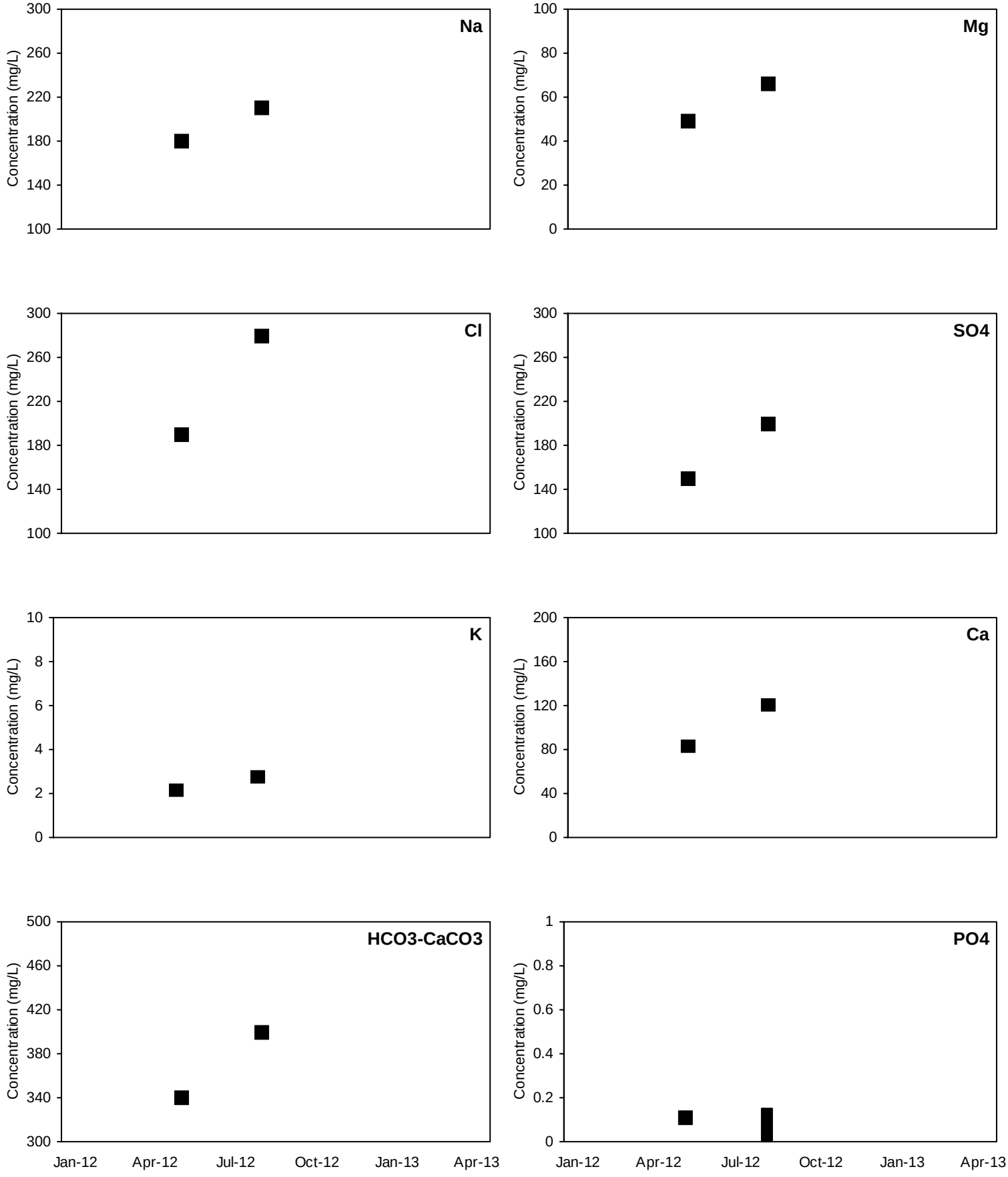
COR-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

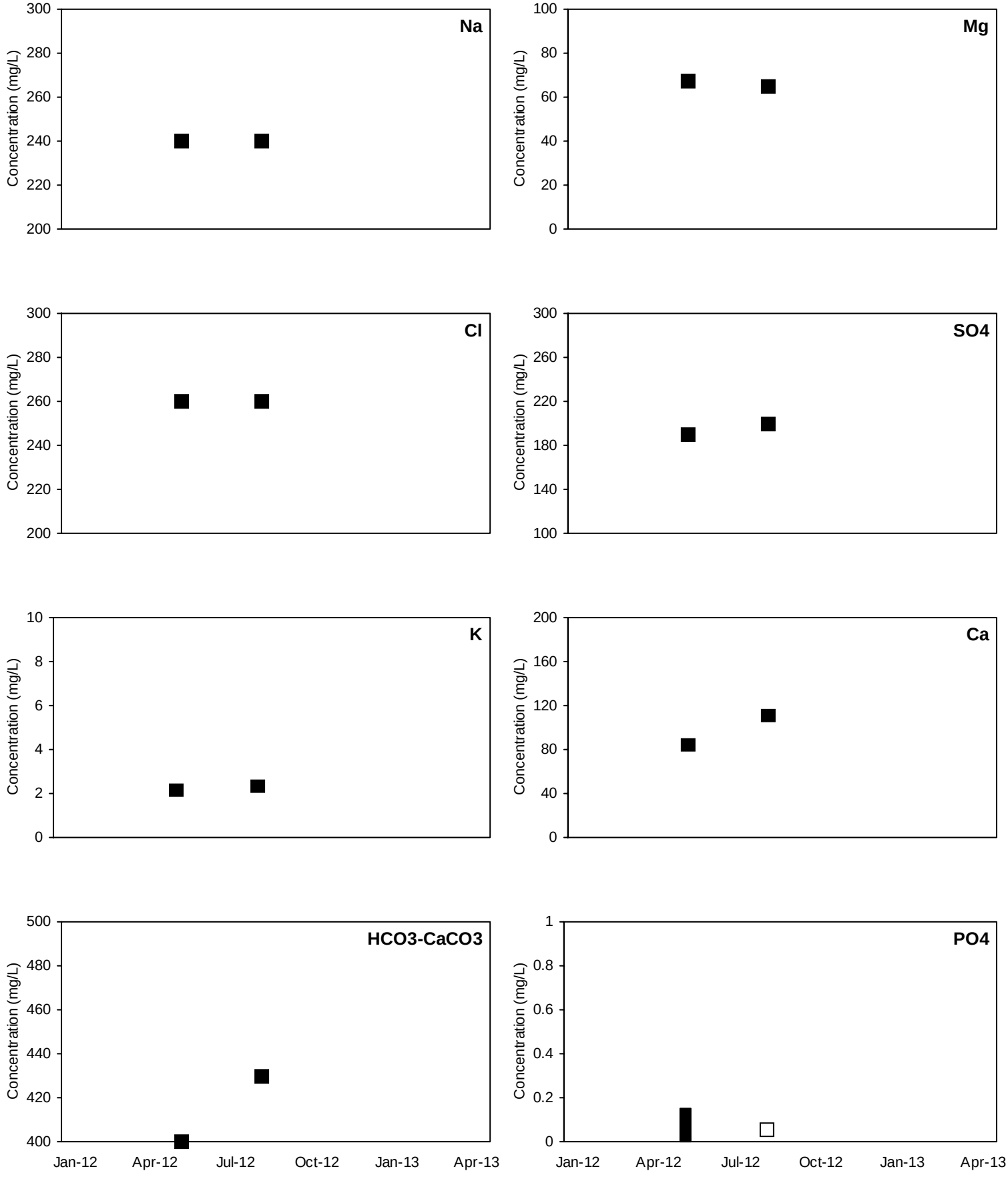
COR-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

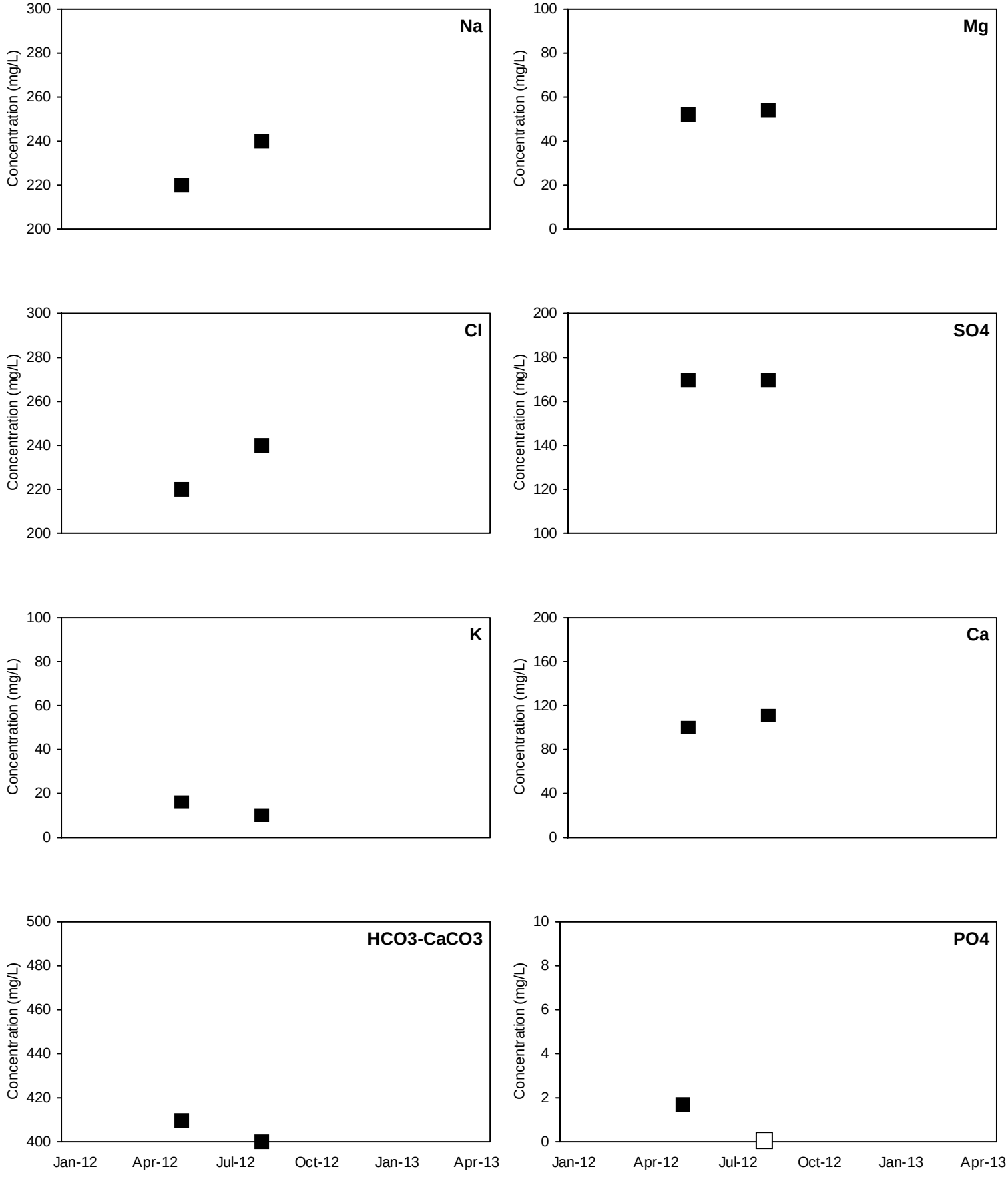
COR-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

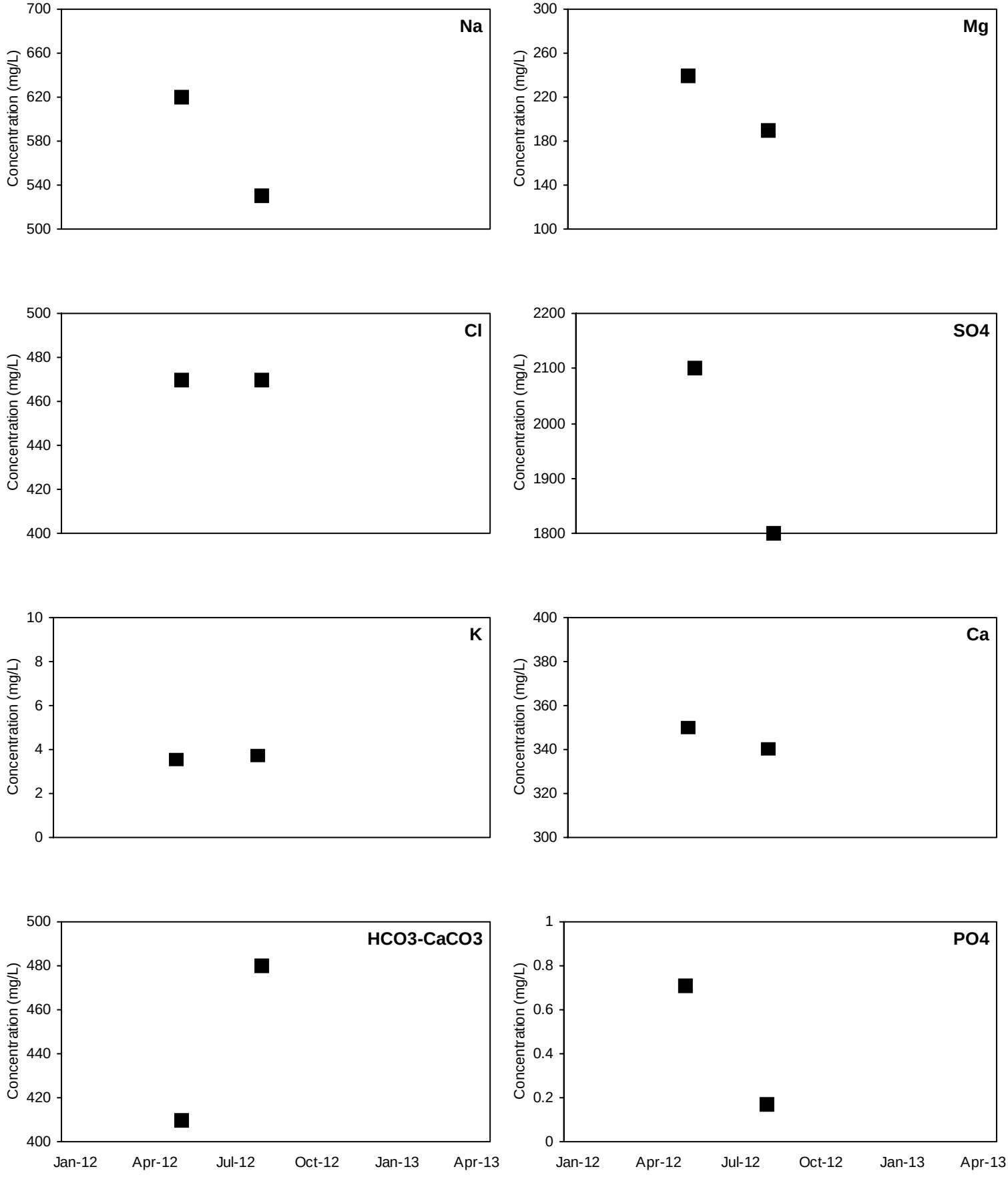
COR-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

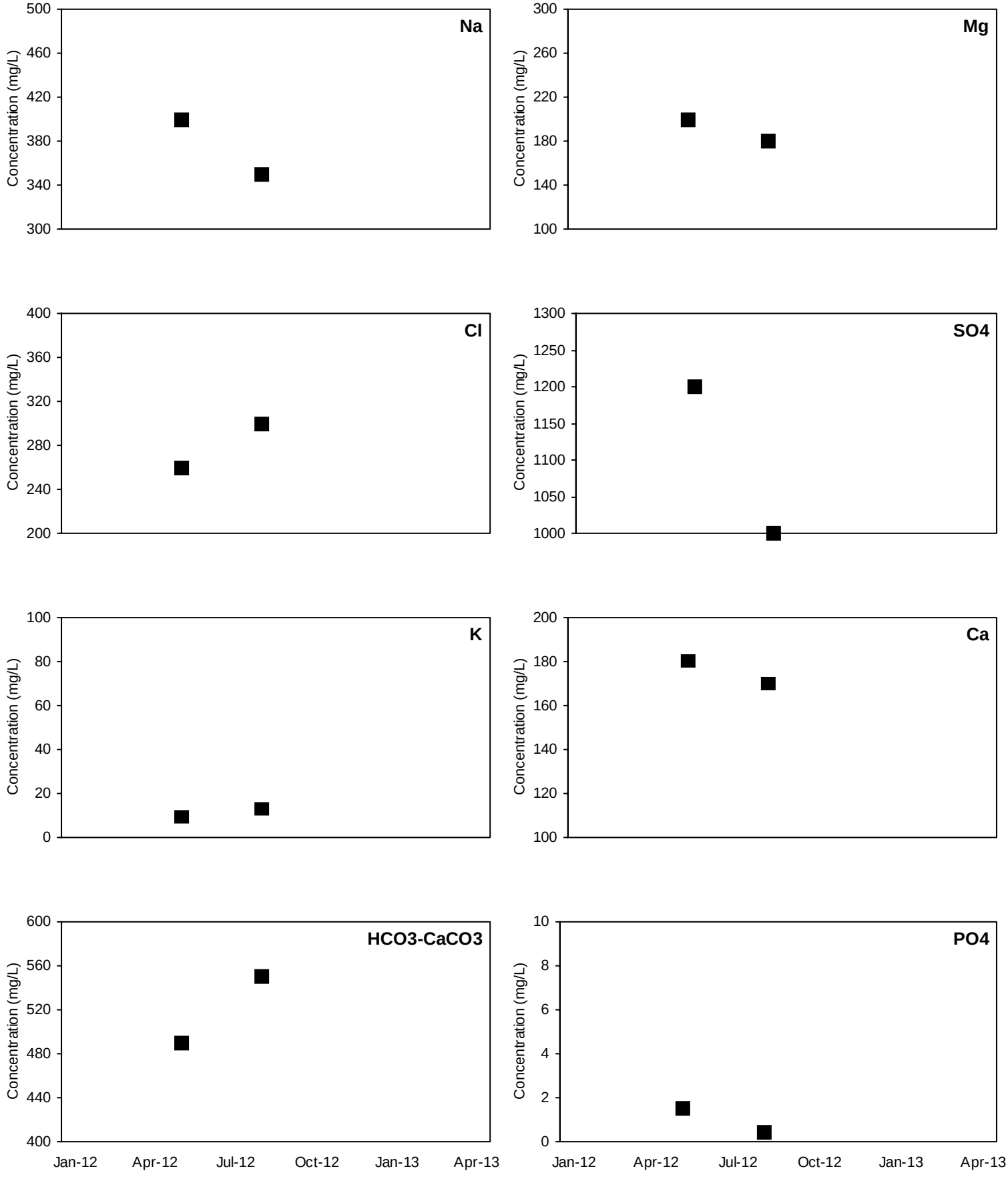
FG2-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

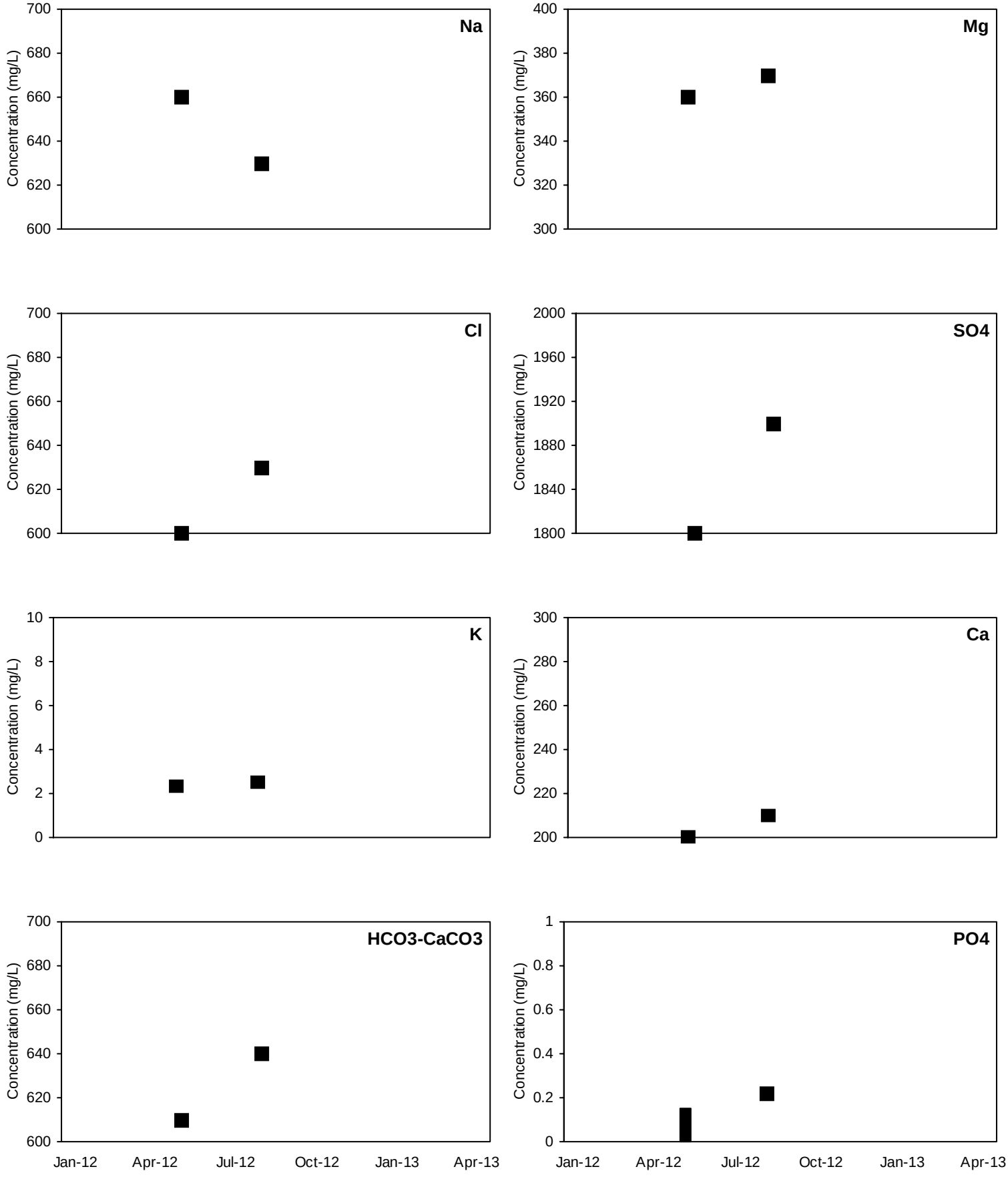
FG2-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

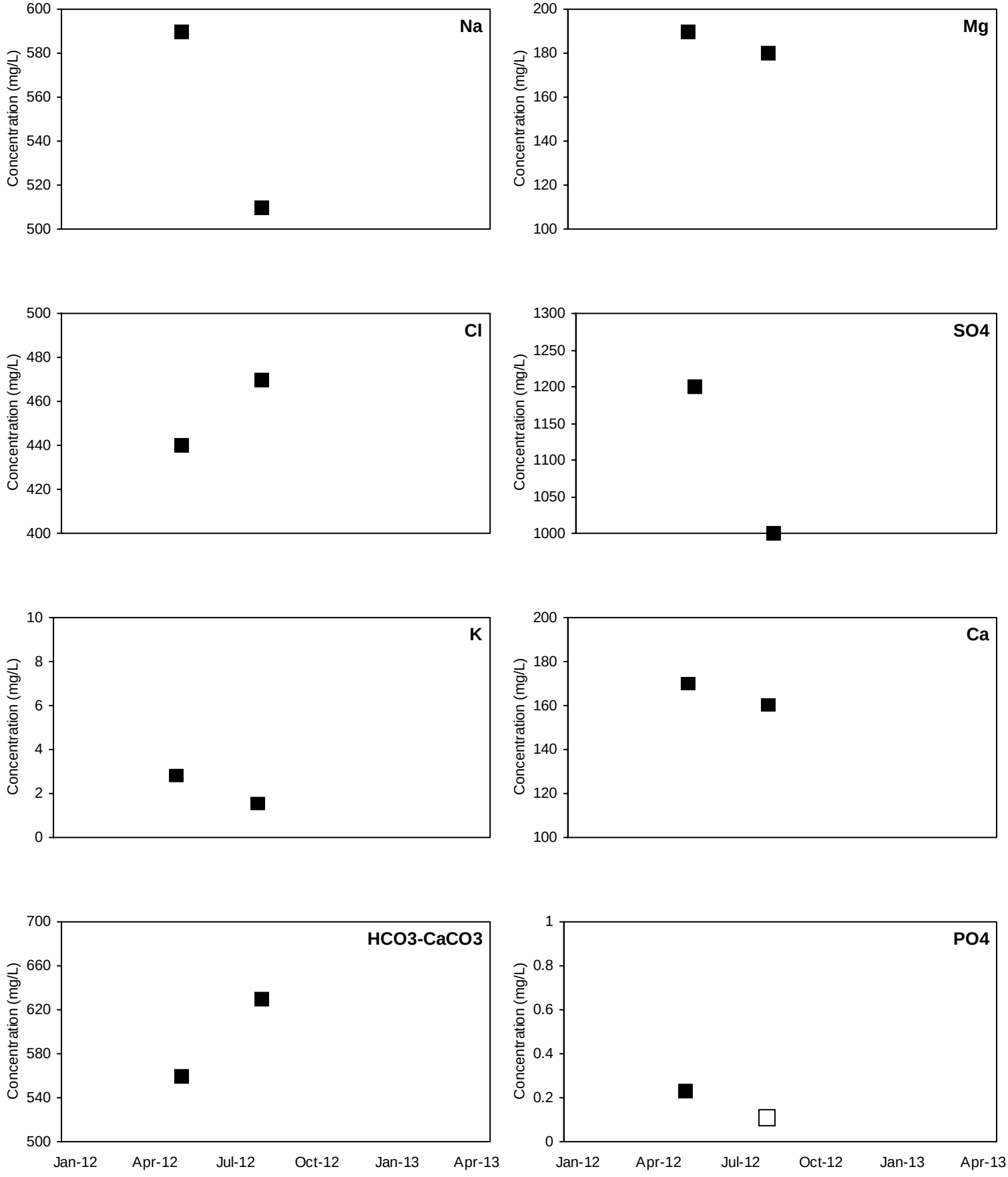
FG2-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

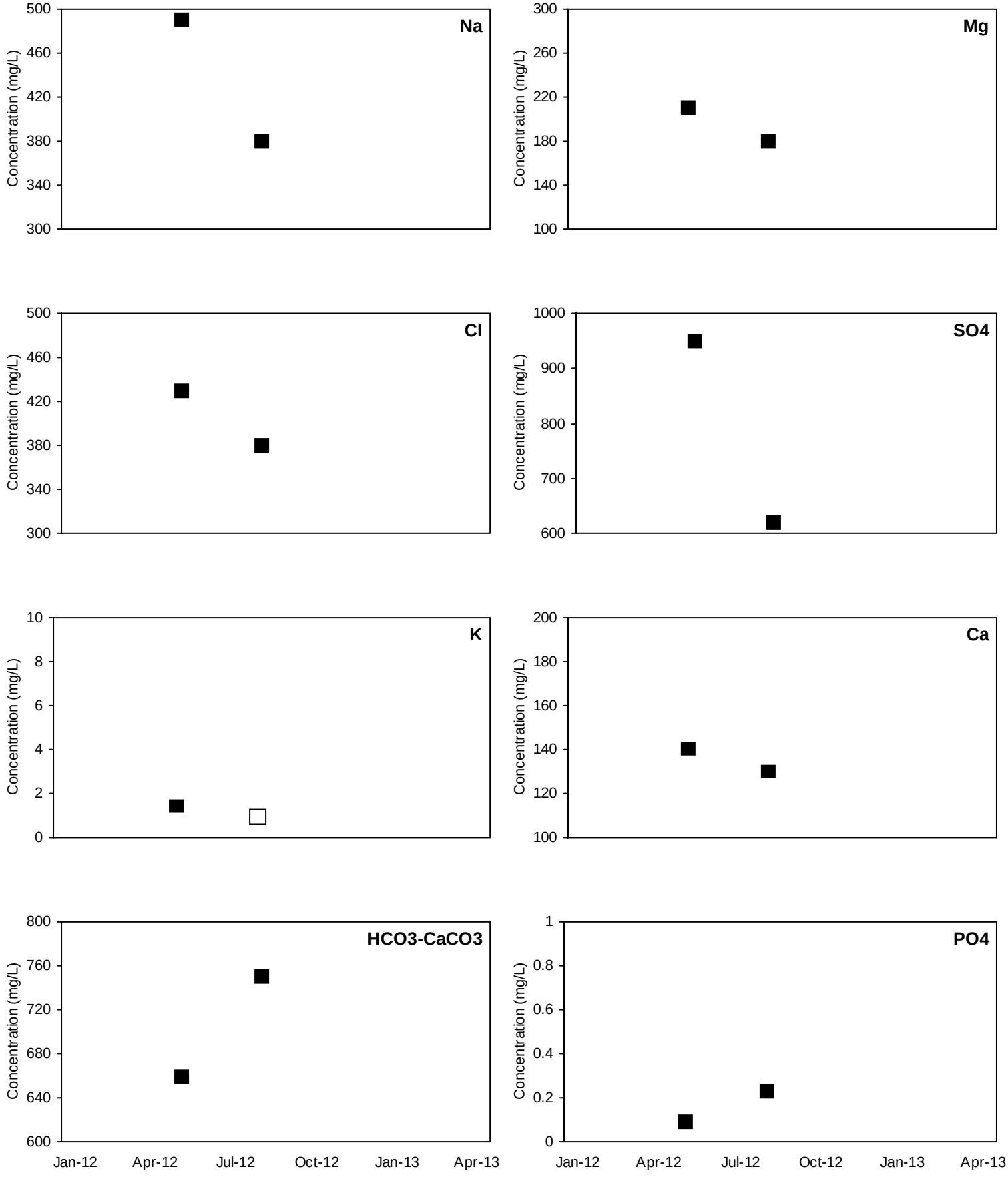
FG2-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

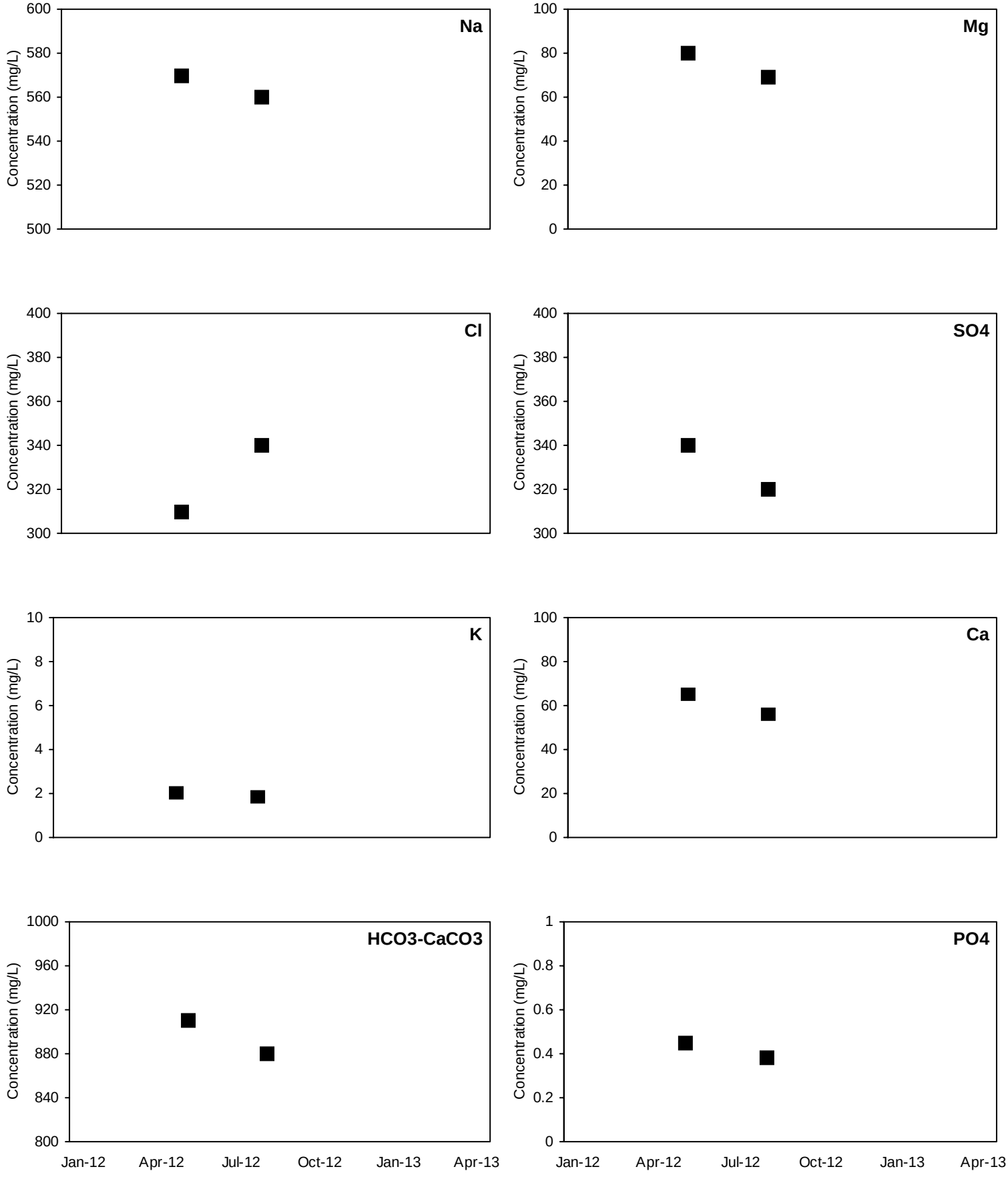
FG2-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

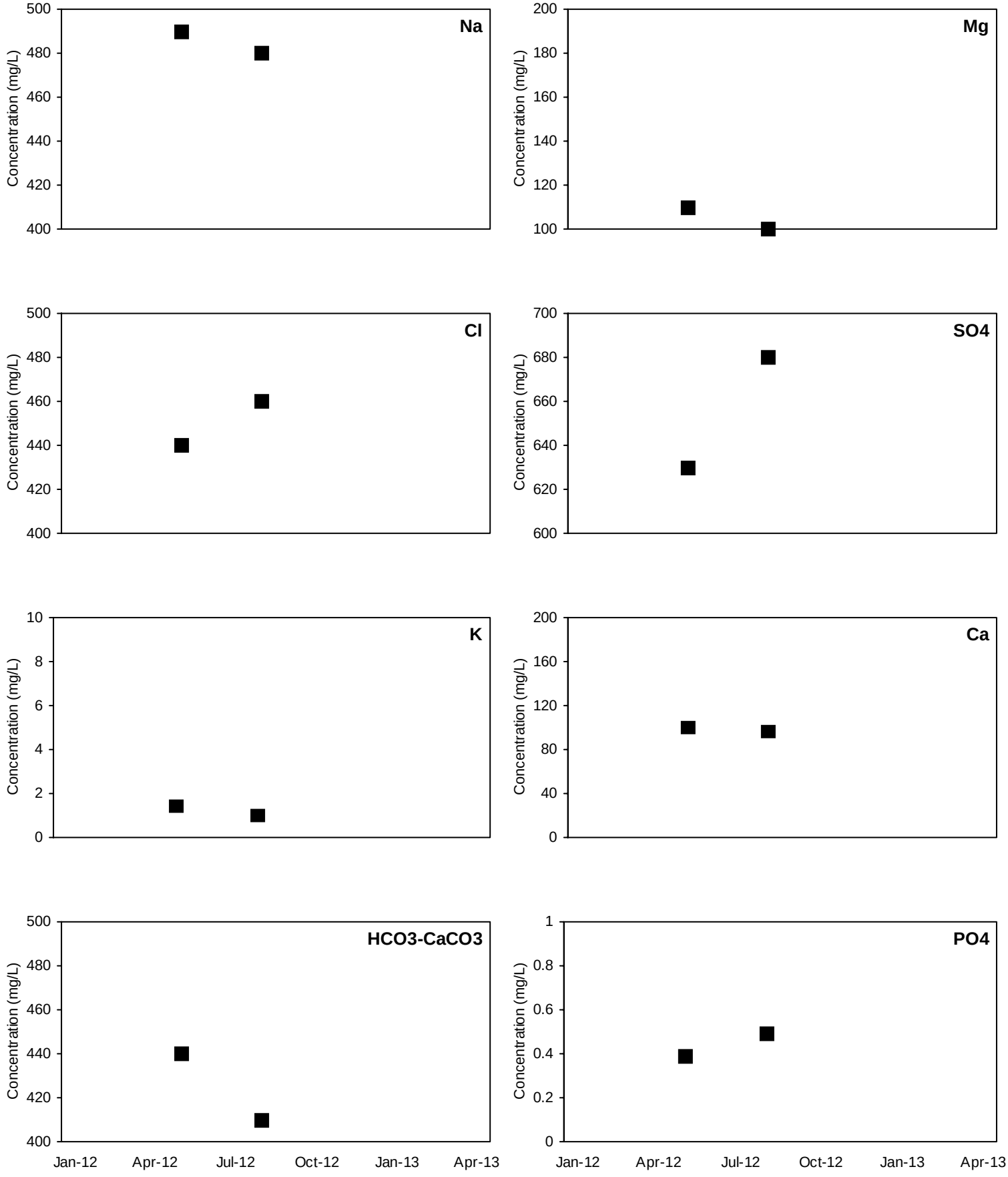
GOD-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

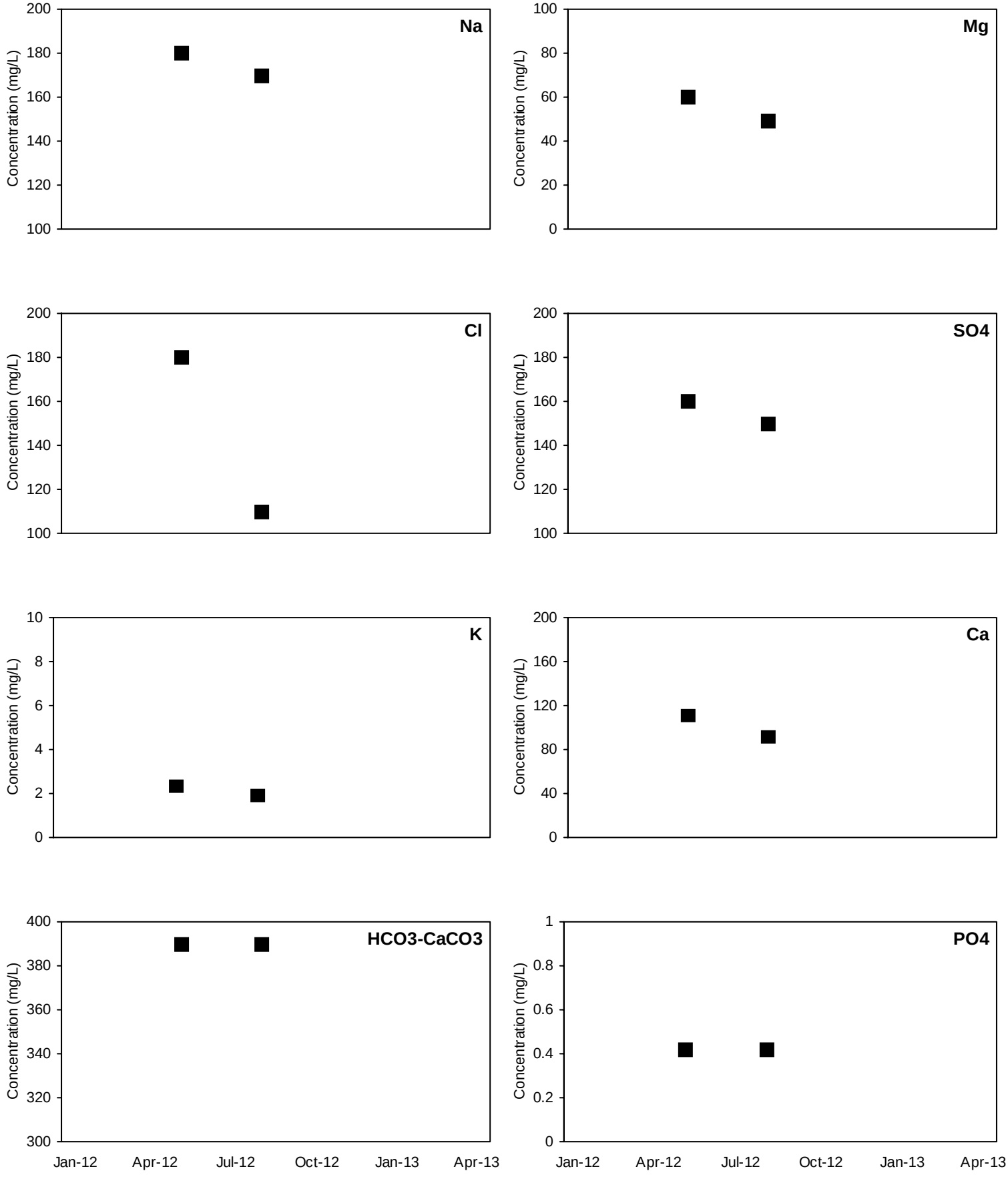
GOD-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

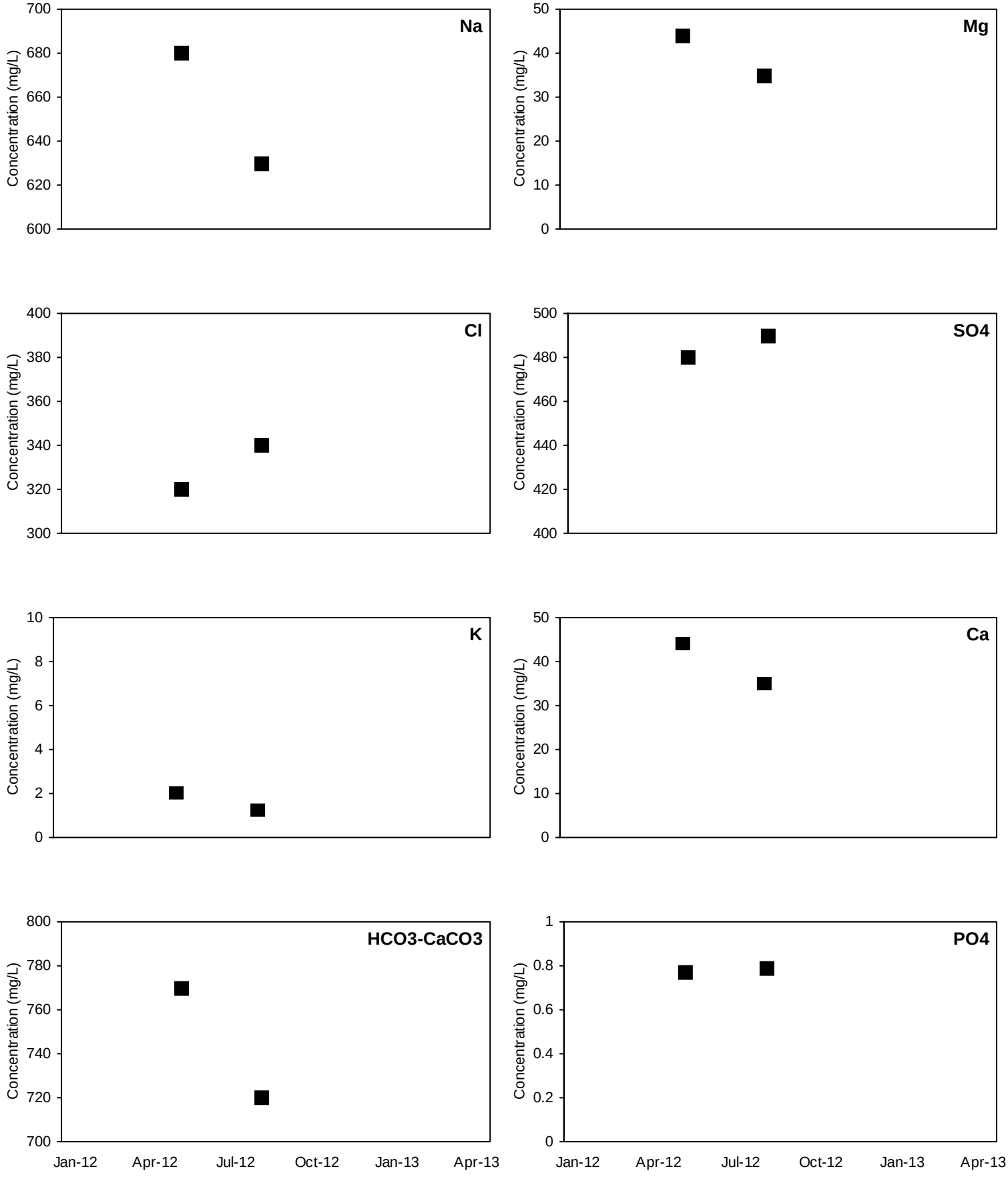
GOD-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

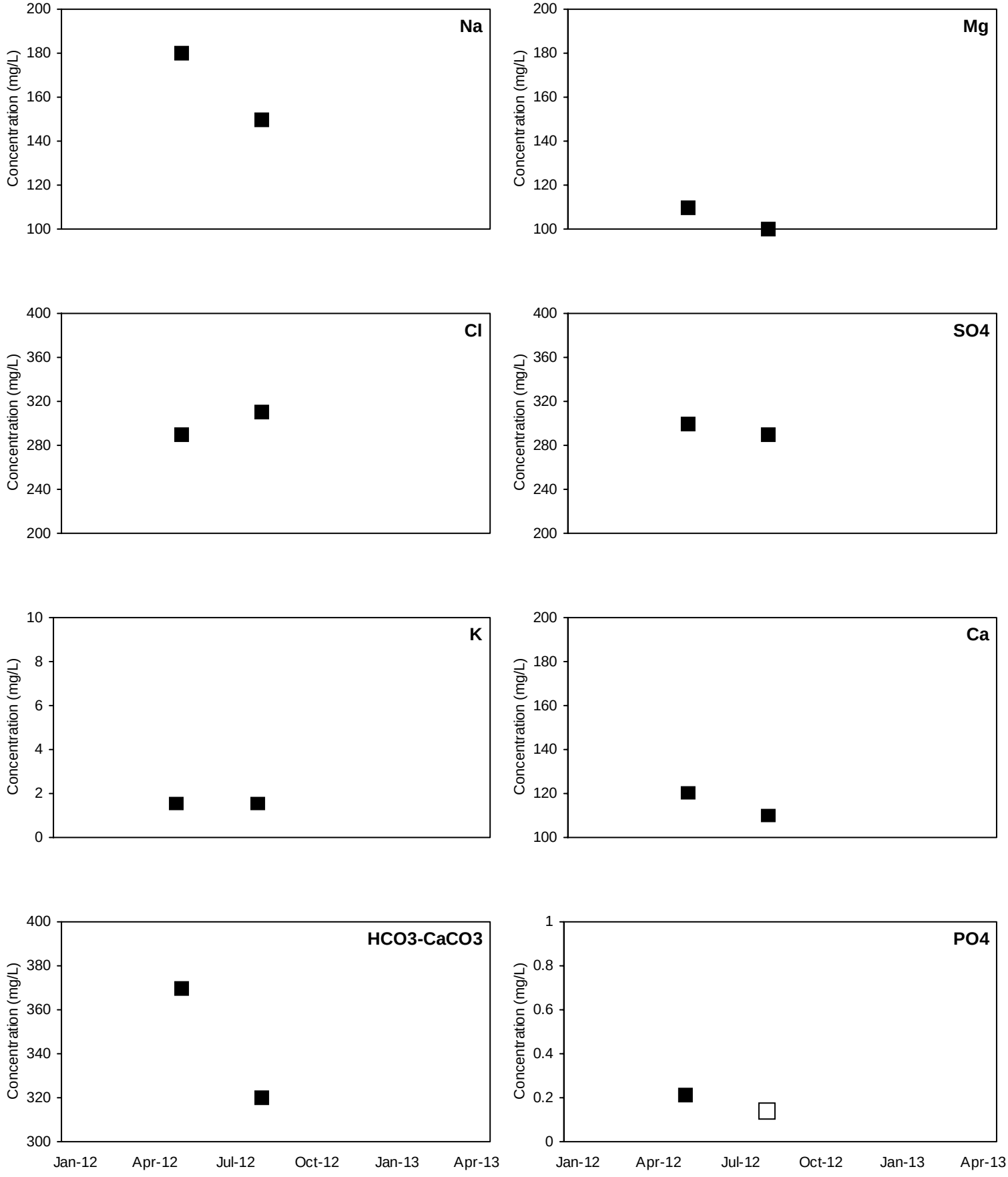
GOD-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

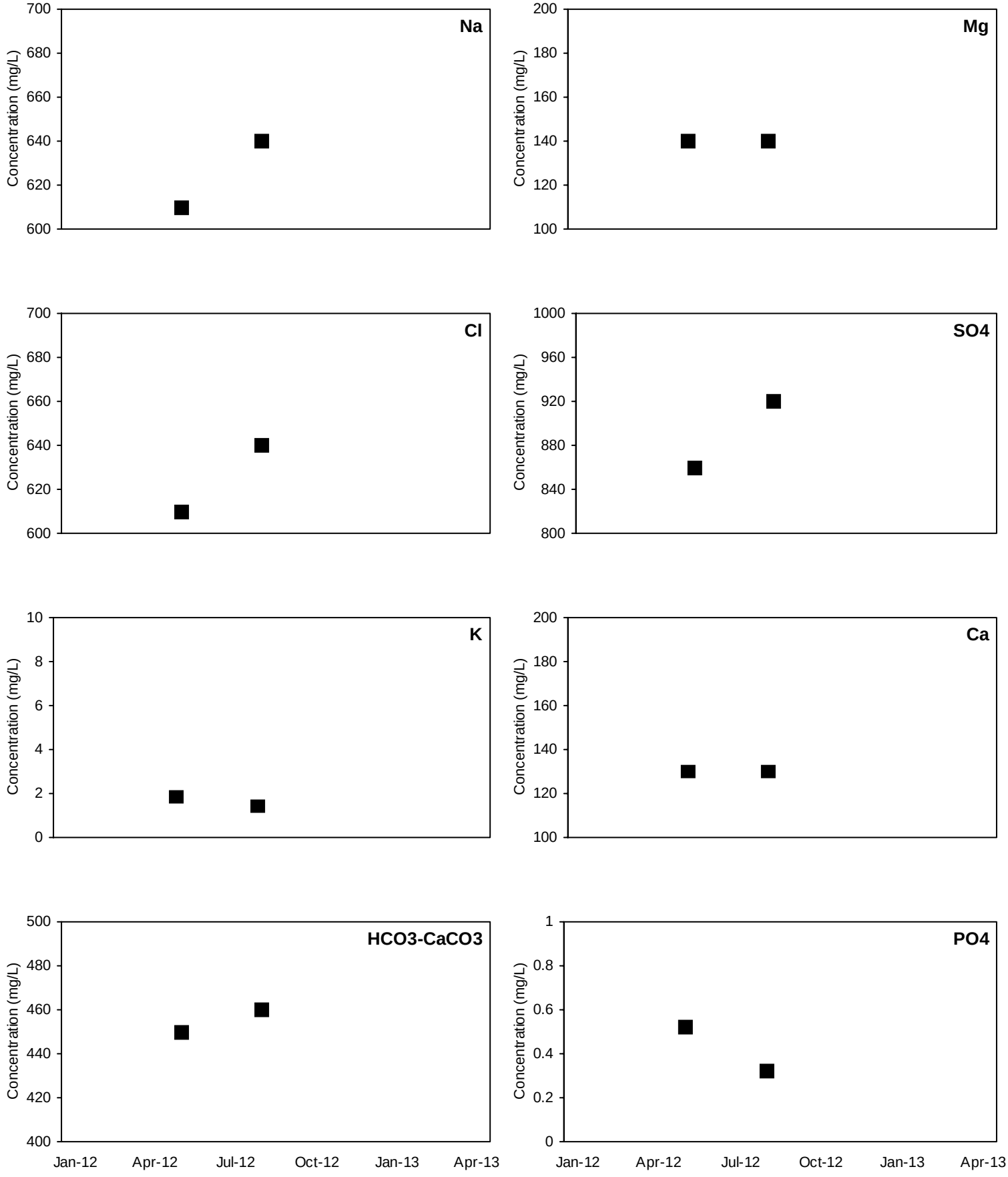
GOD-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

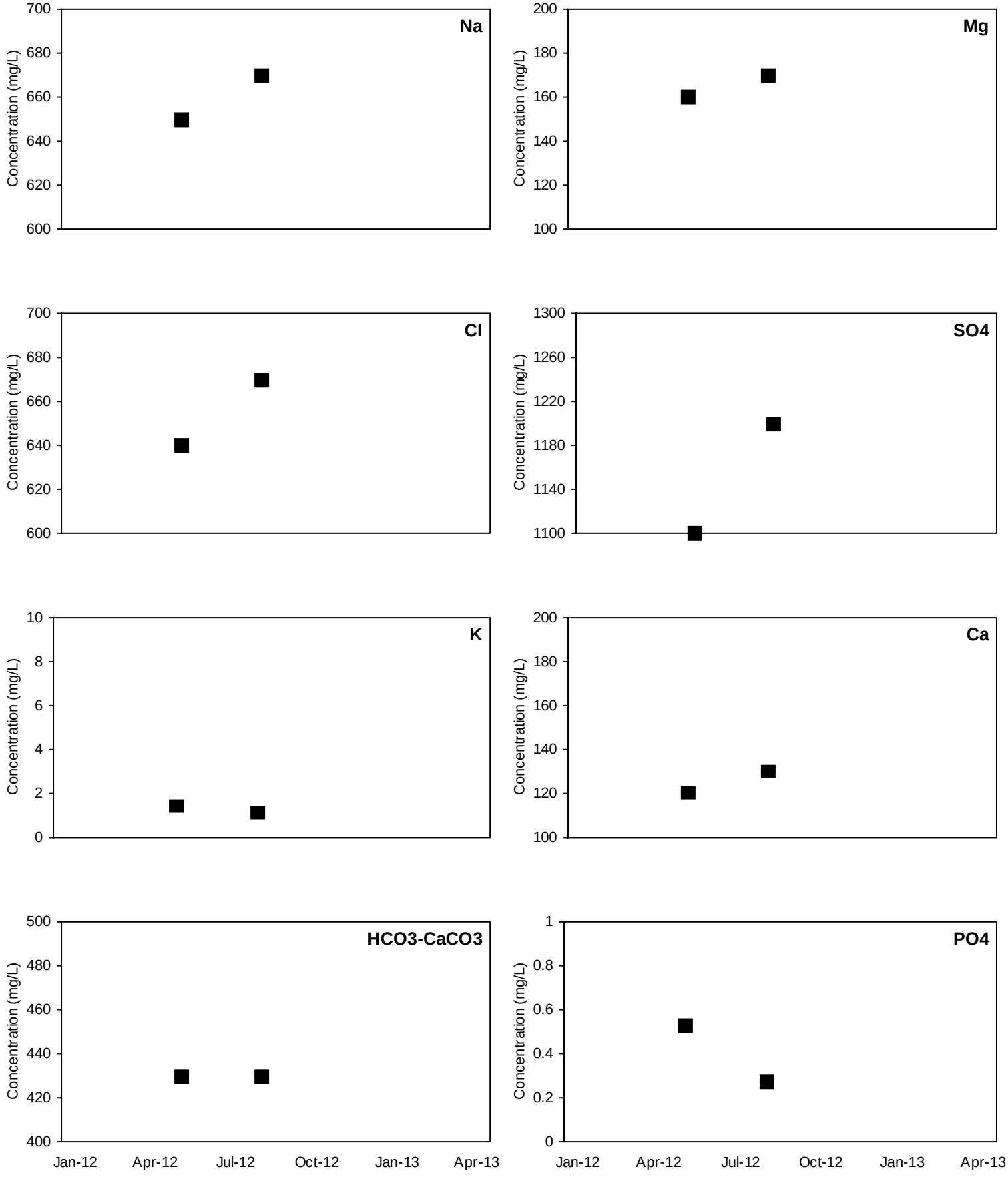
GOD-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

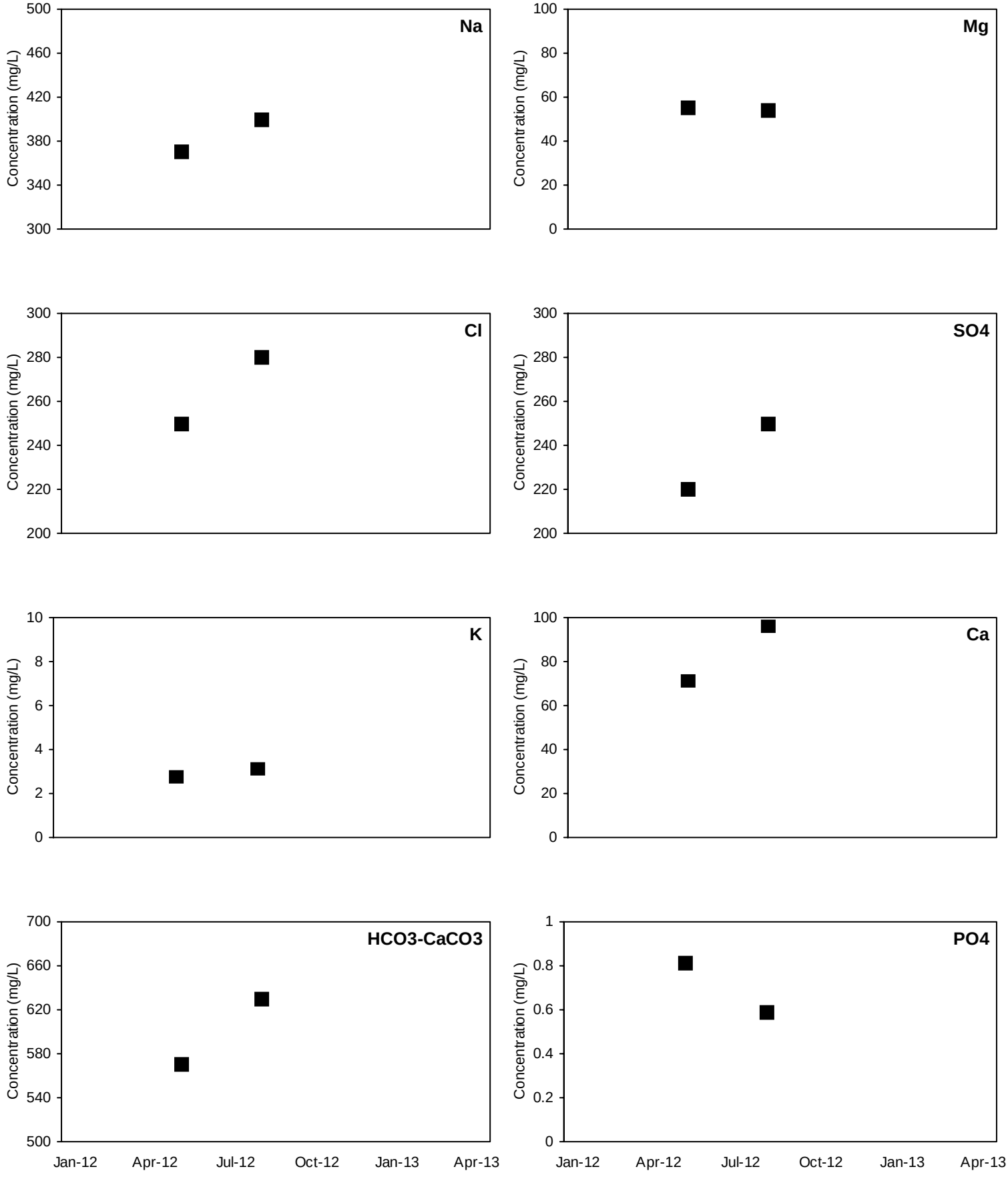
GOD-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

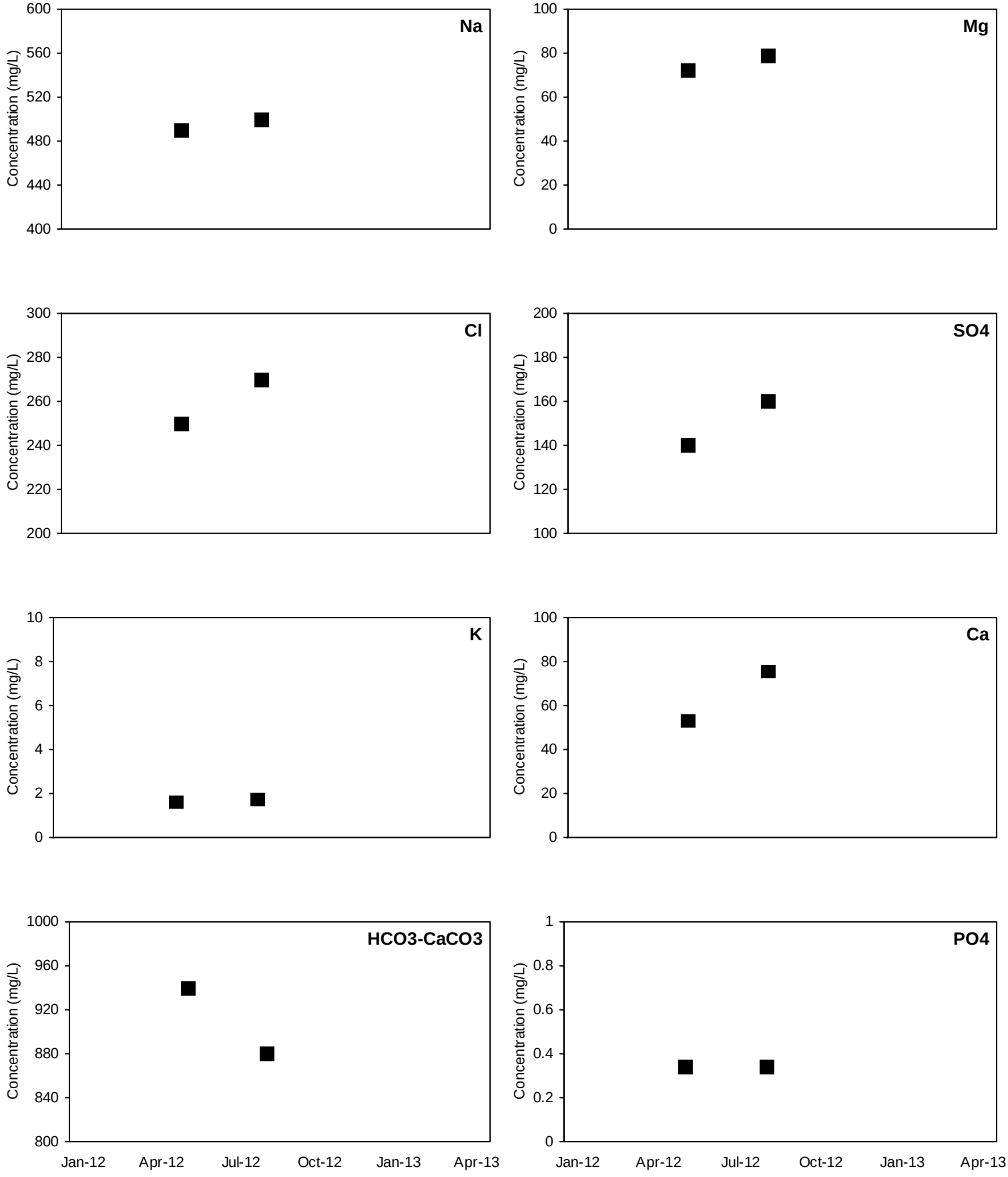
MAC-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

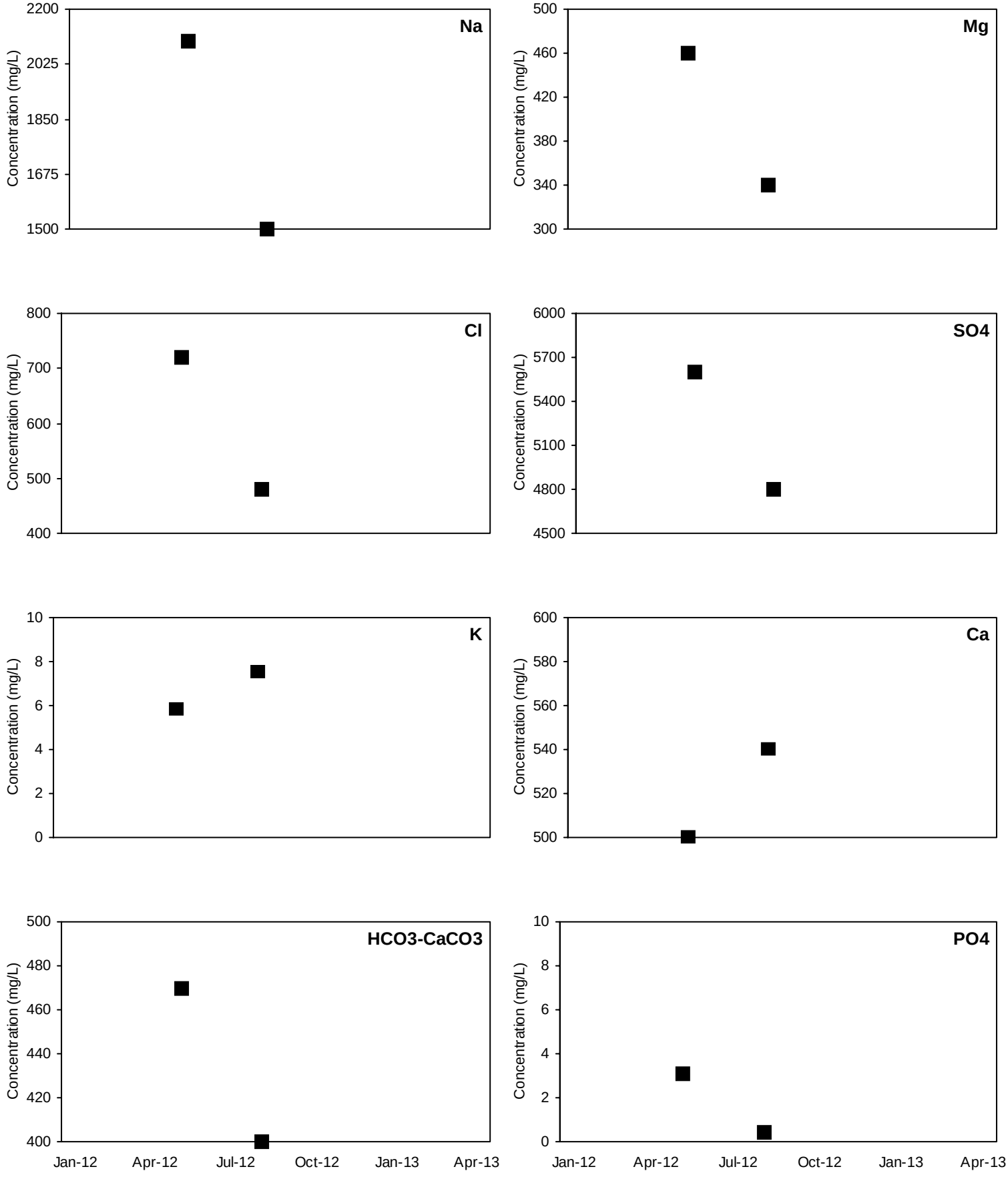
MAC-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

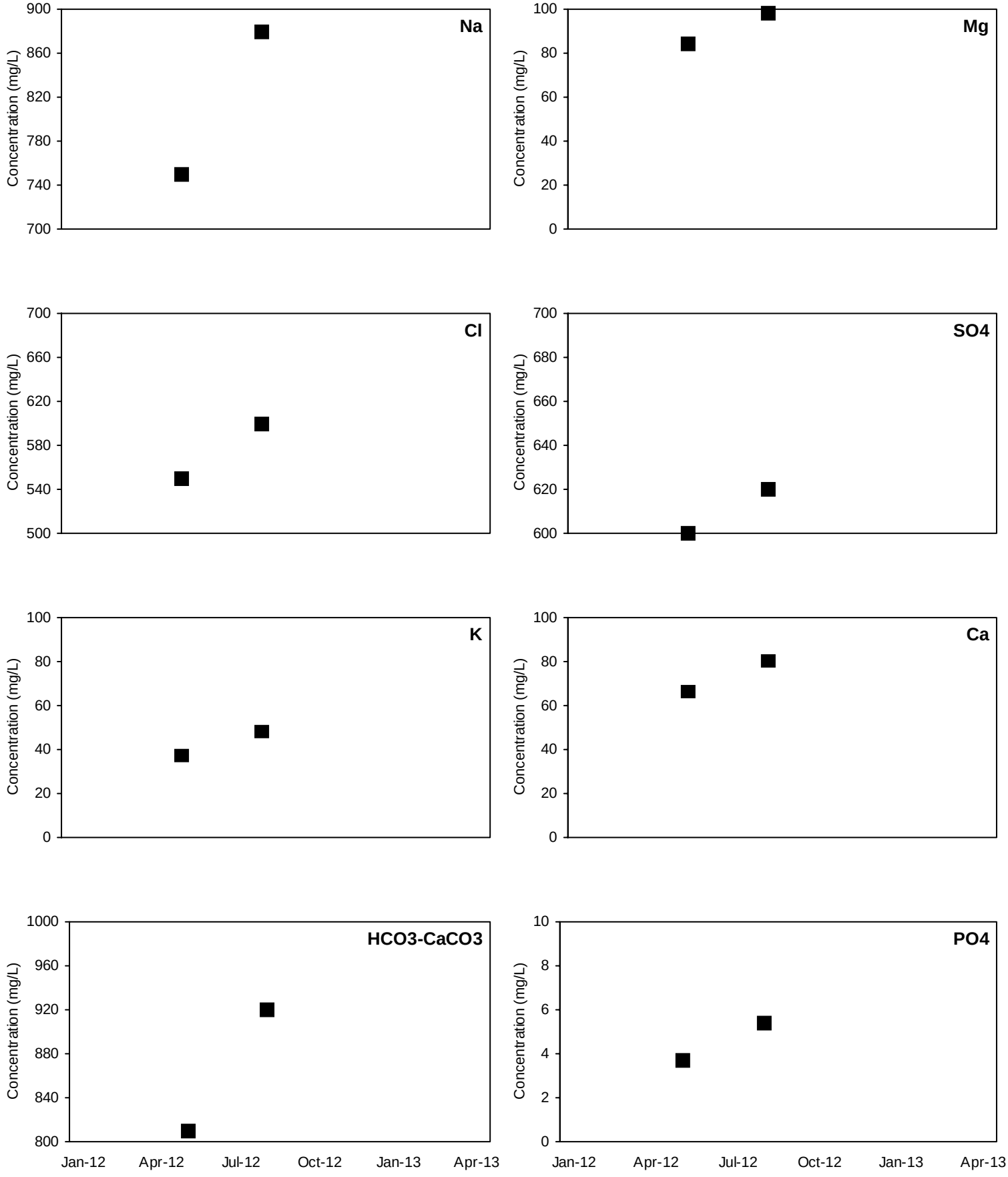
MAC-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

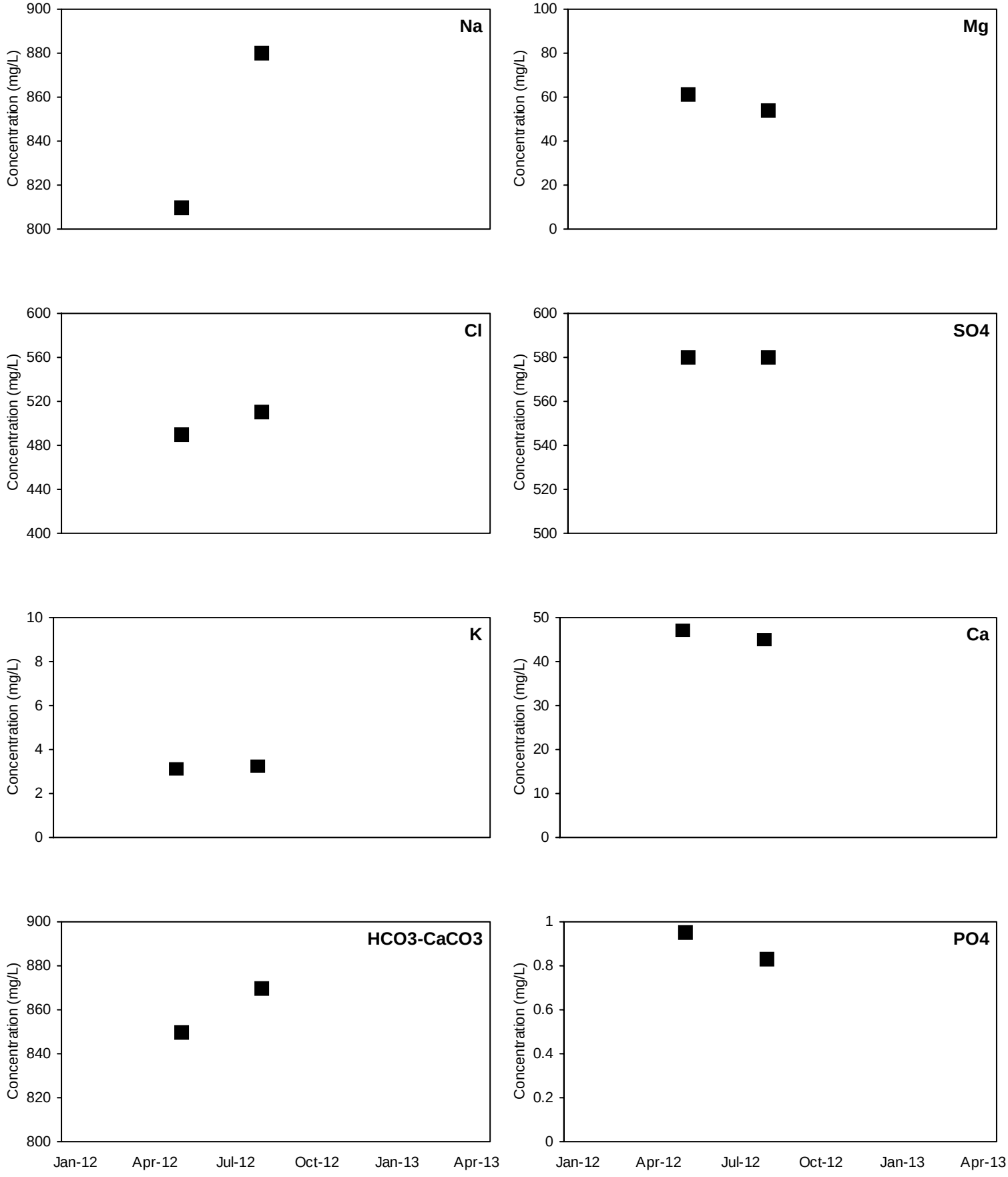
MAC-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

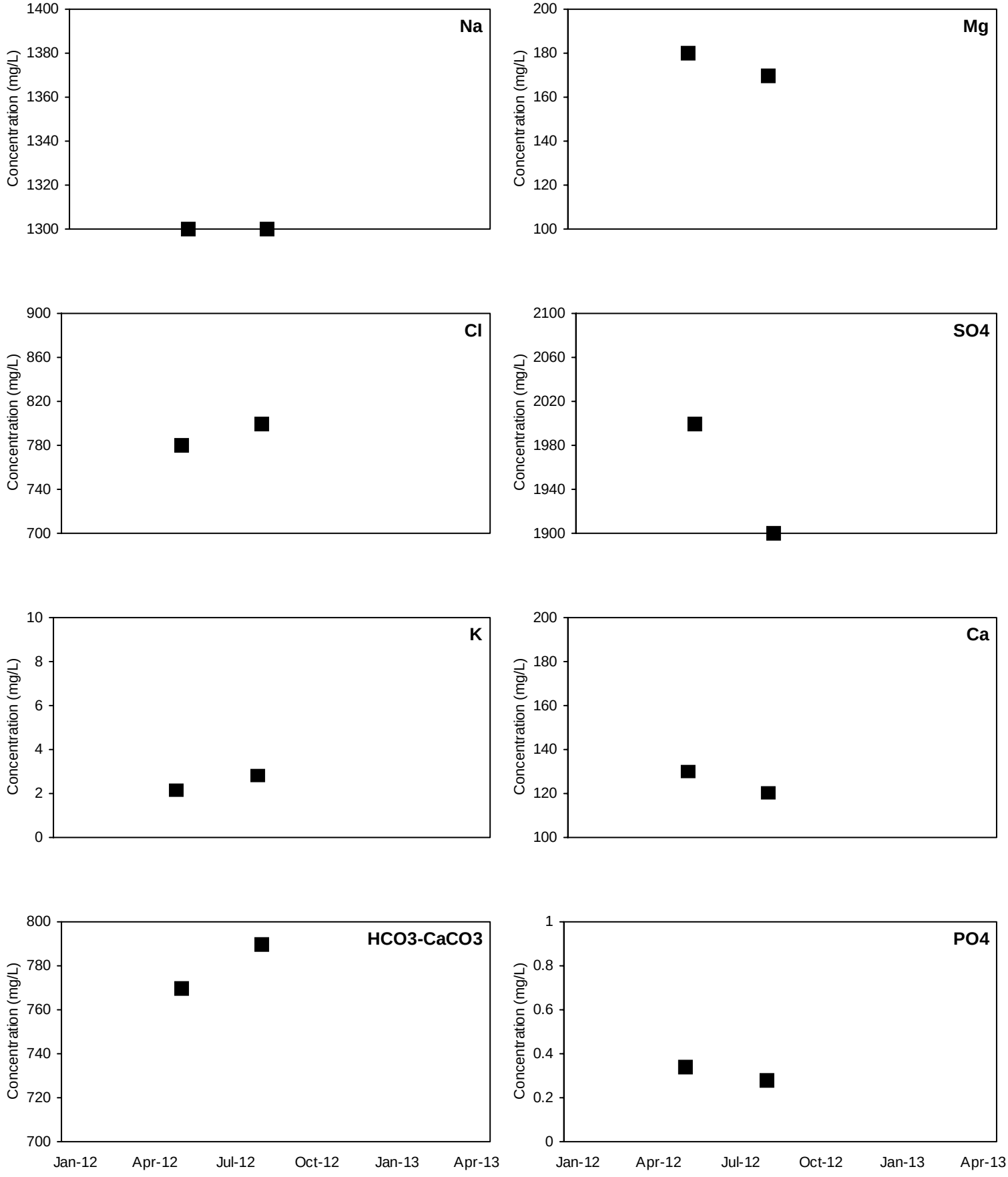
MAC-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

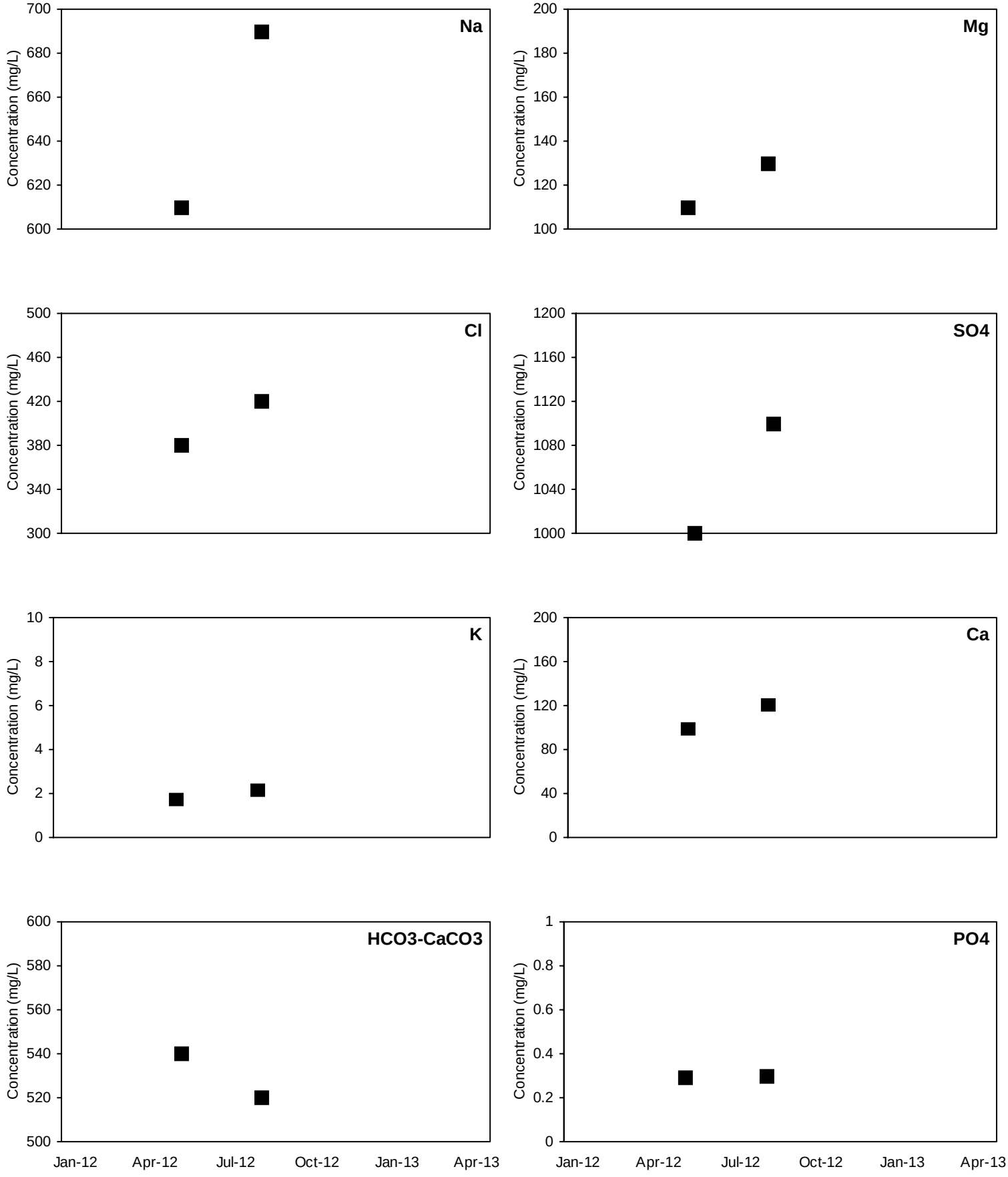
NUN-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

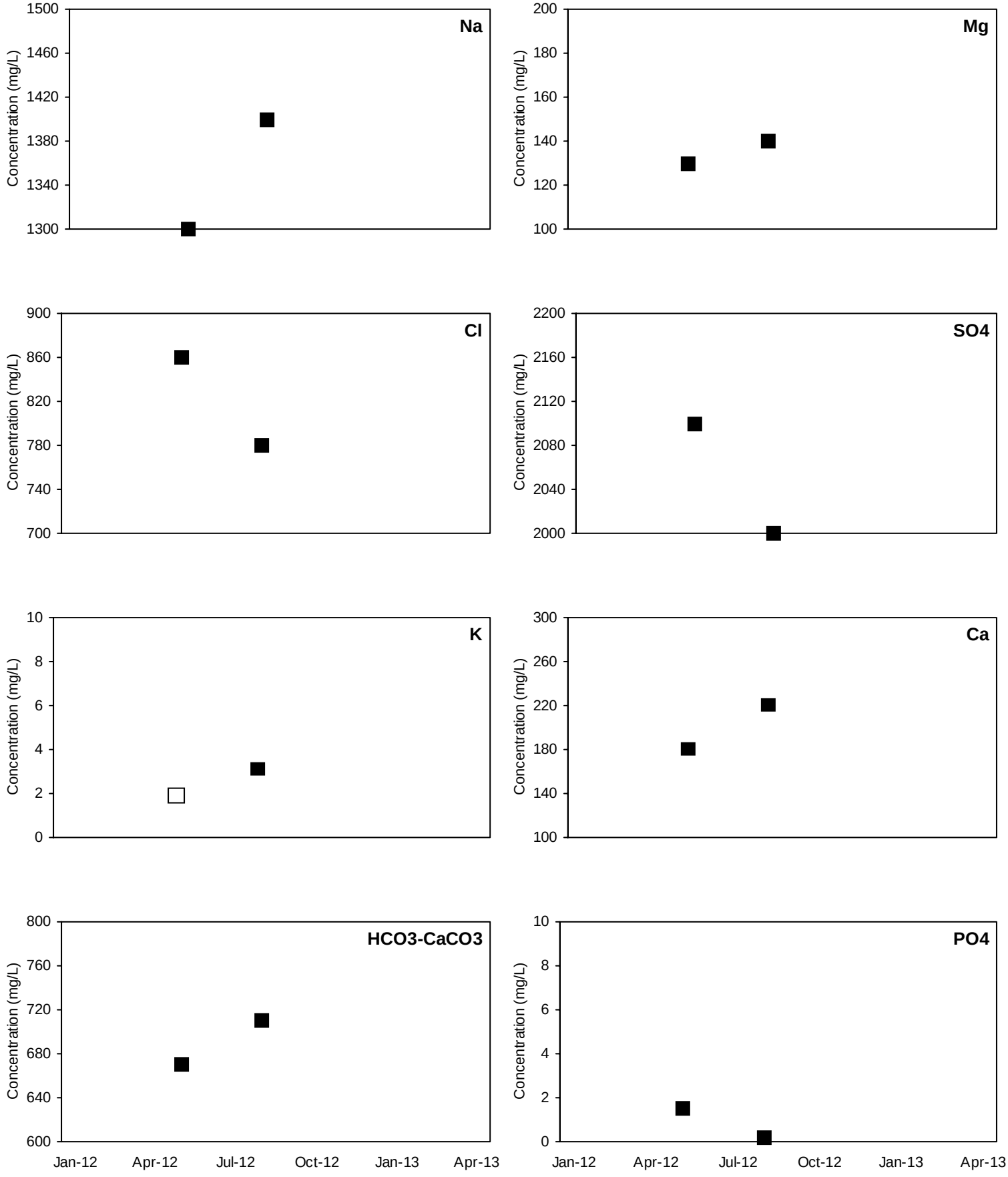
NUN-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

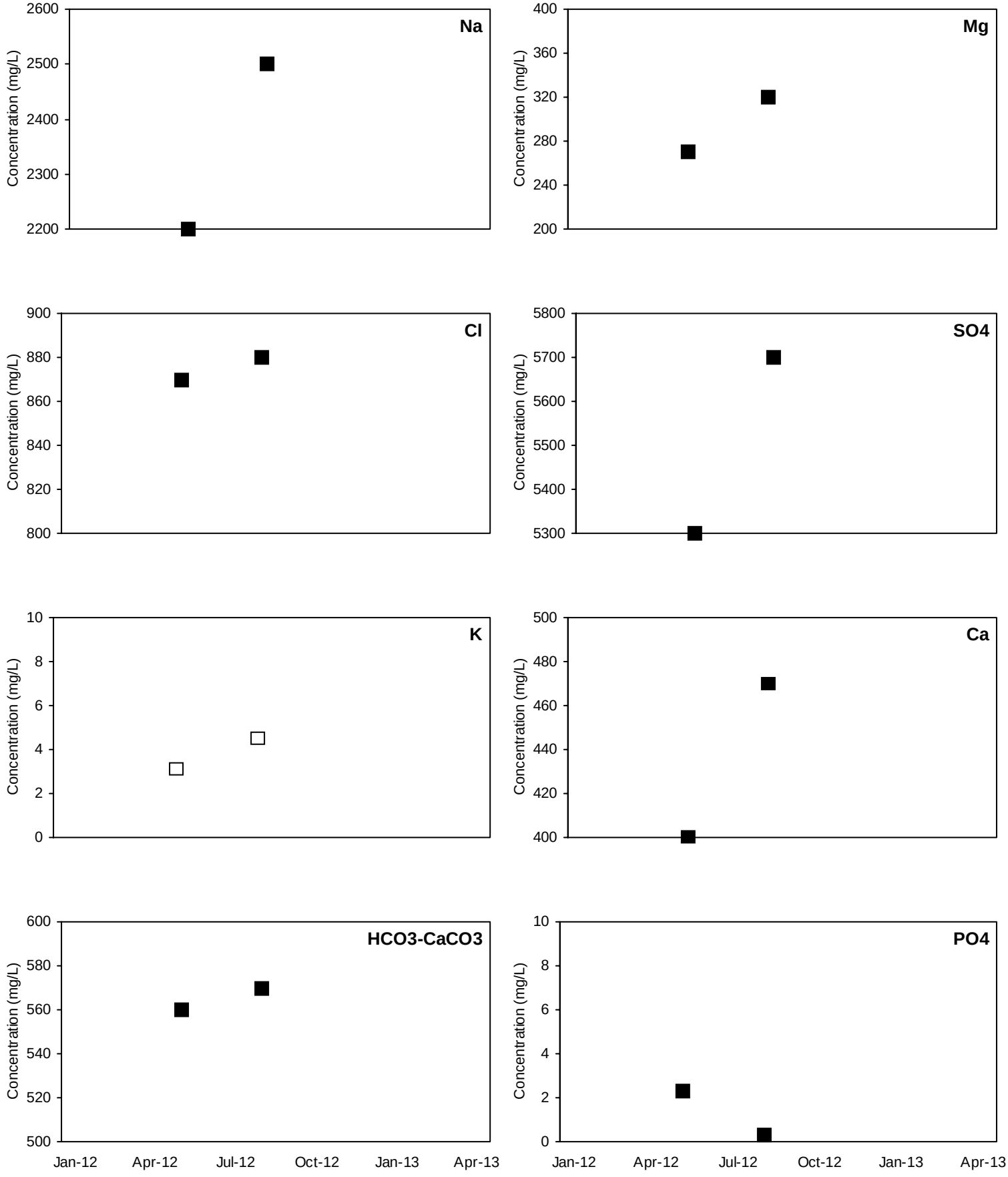
NUN-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

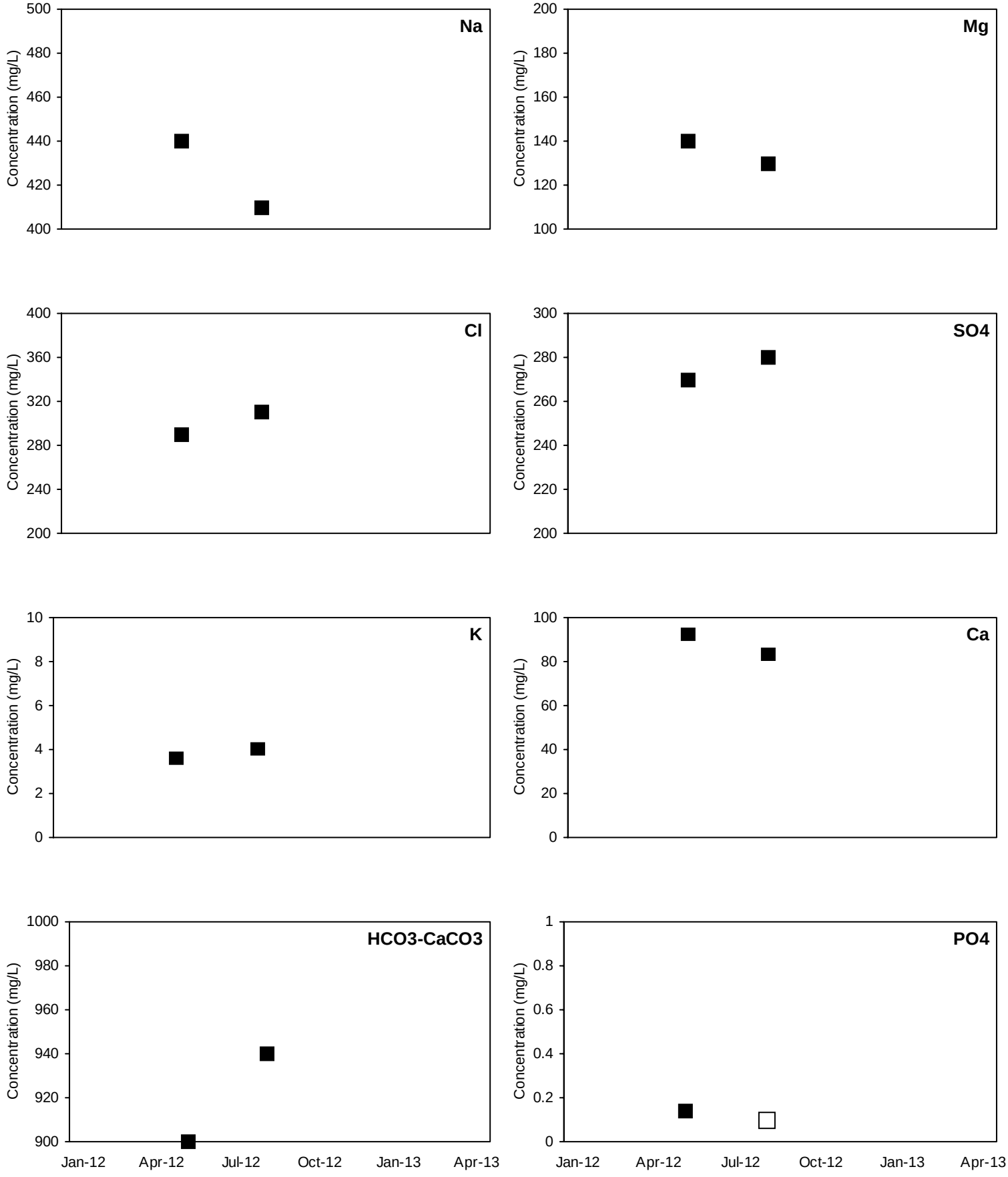
NUN-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

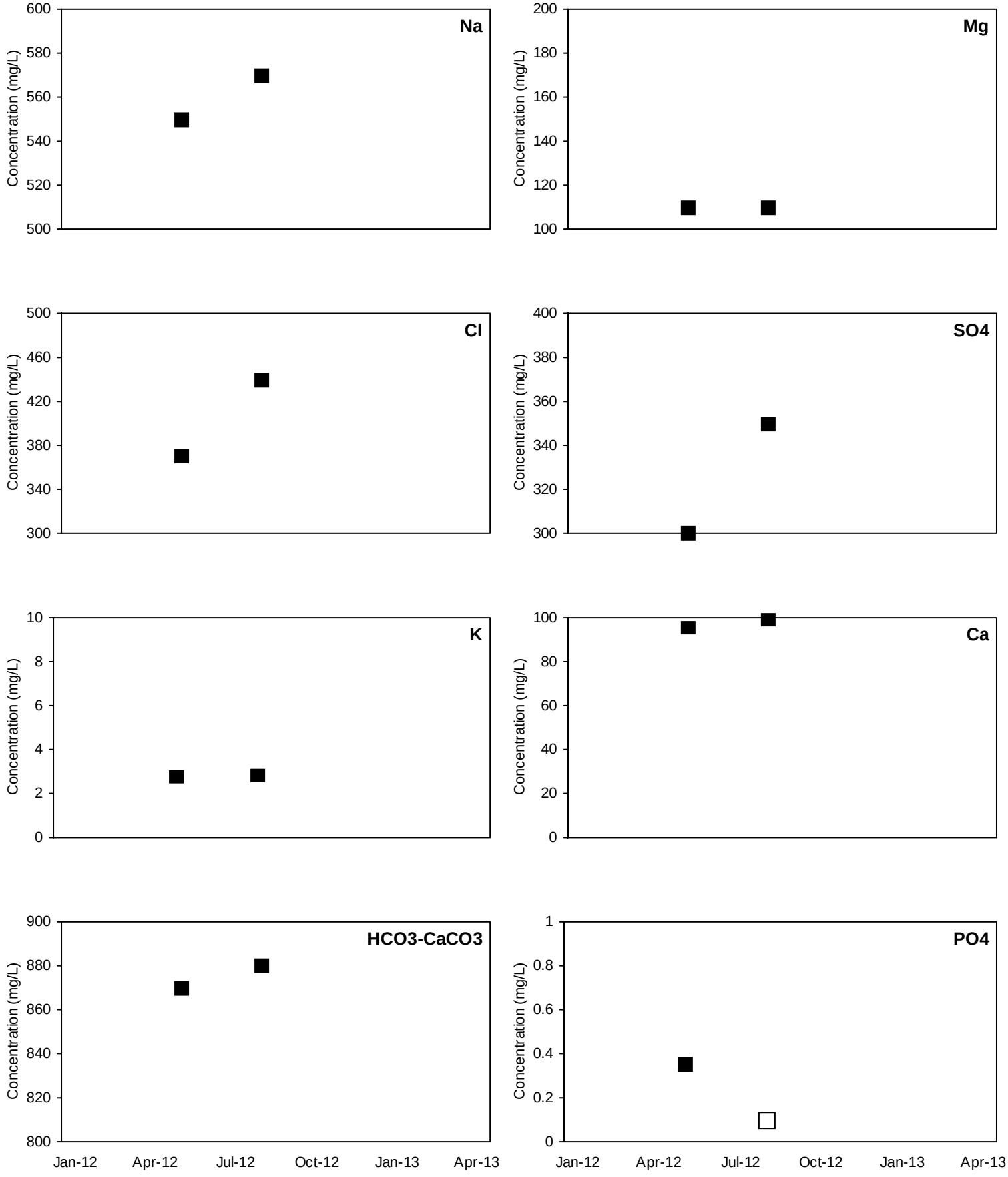
MOO-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

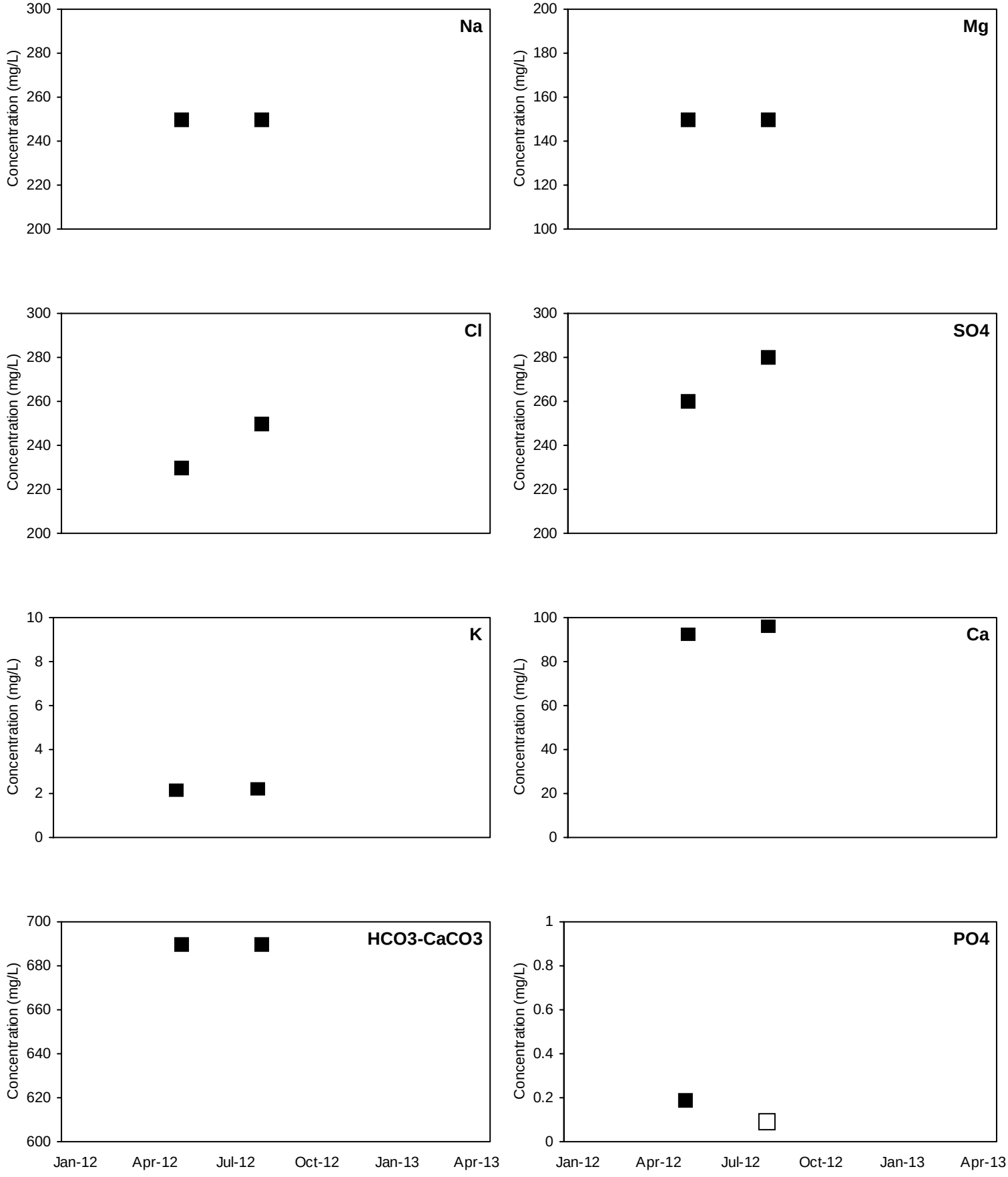
MOO-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

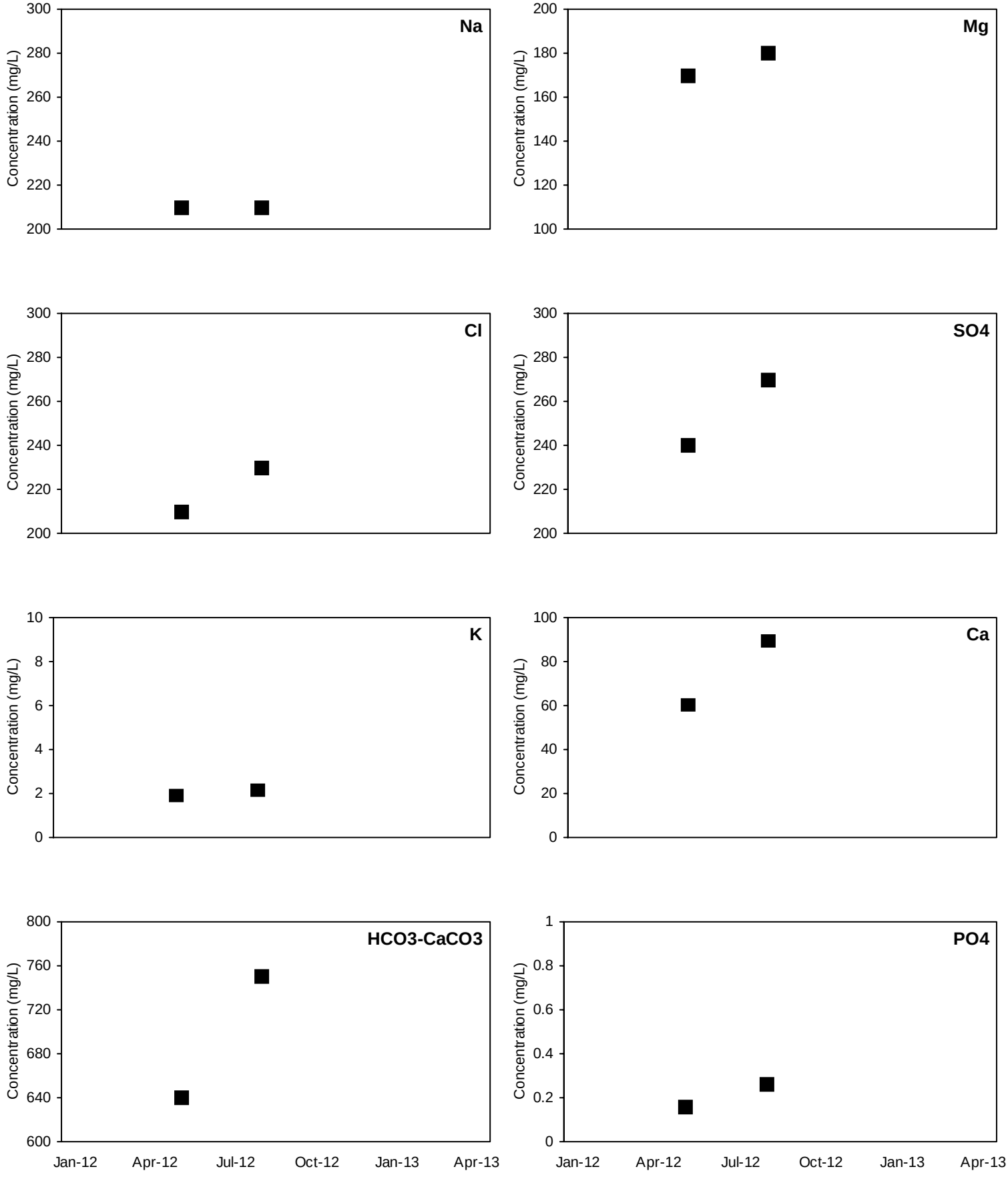
MOO-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

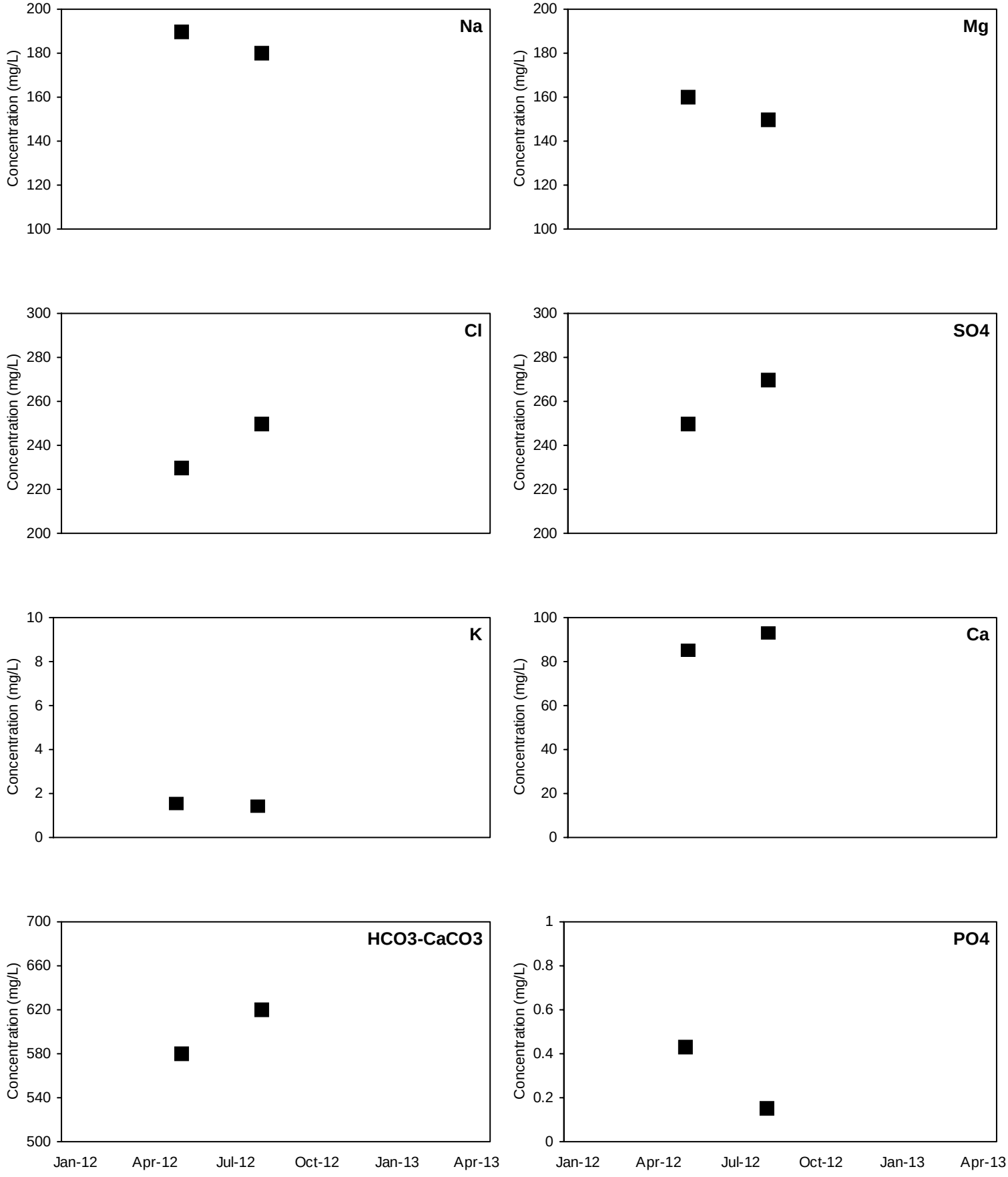
MOO-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

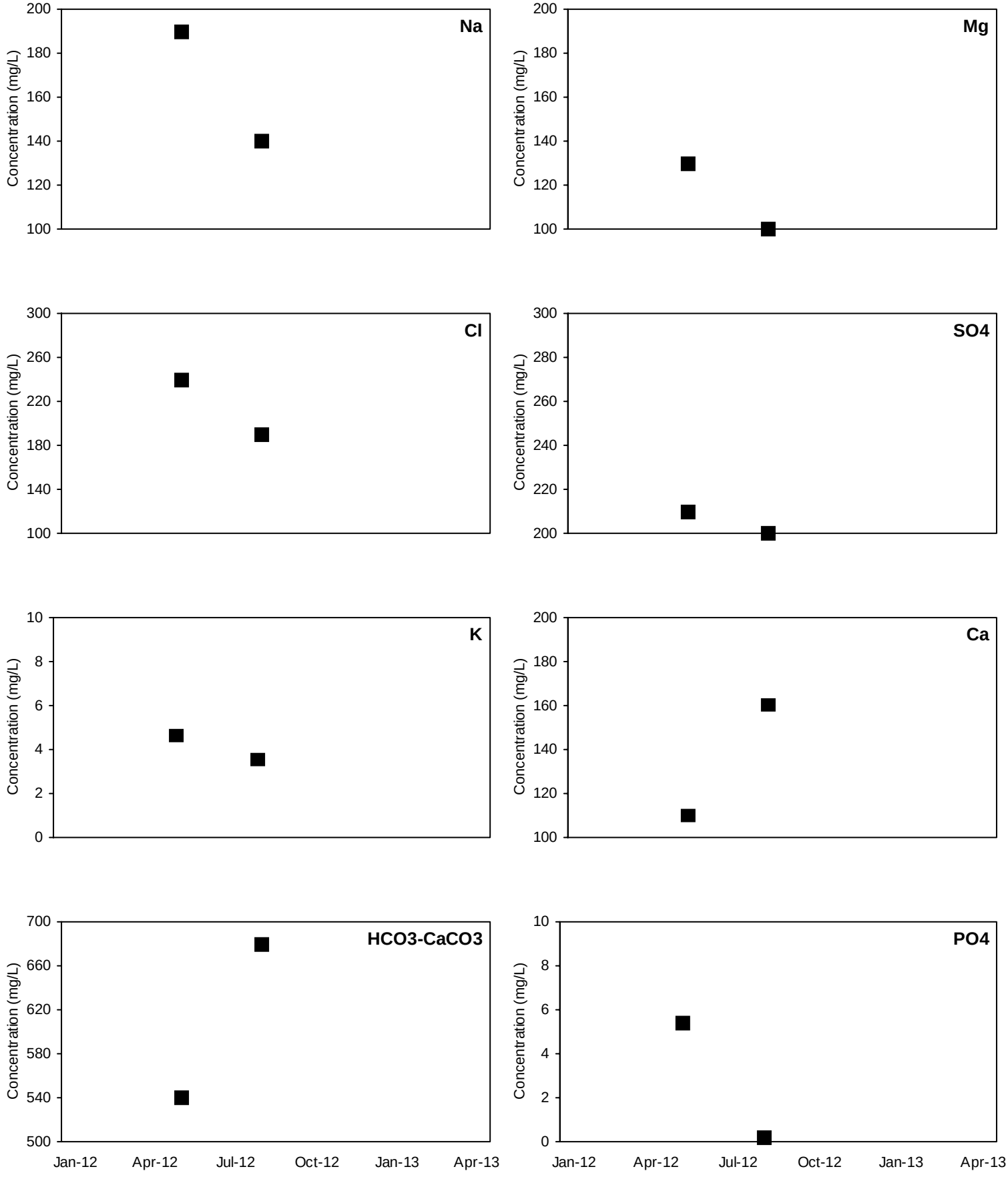
MOO-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

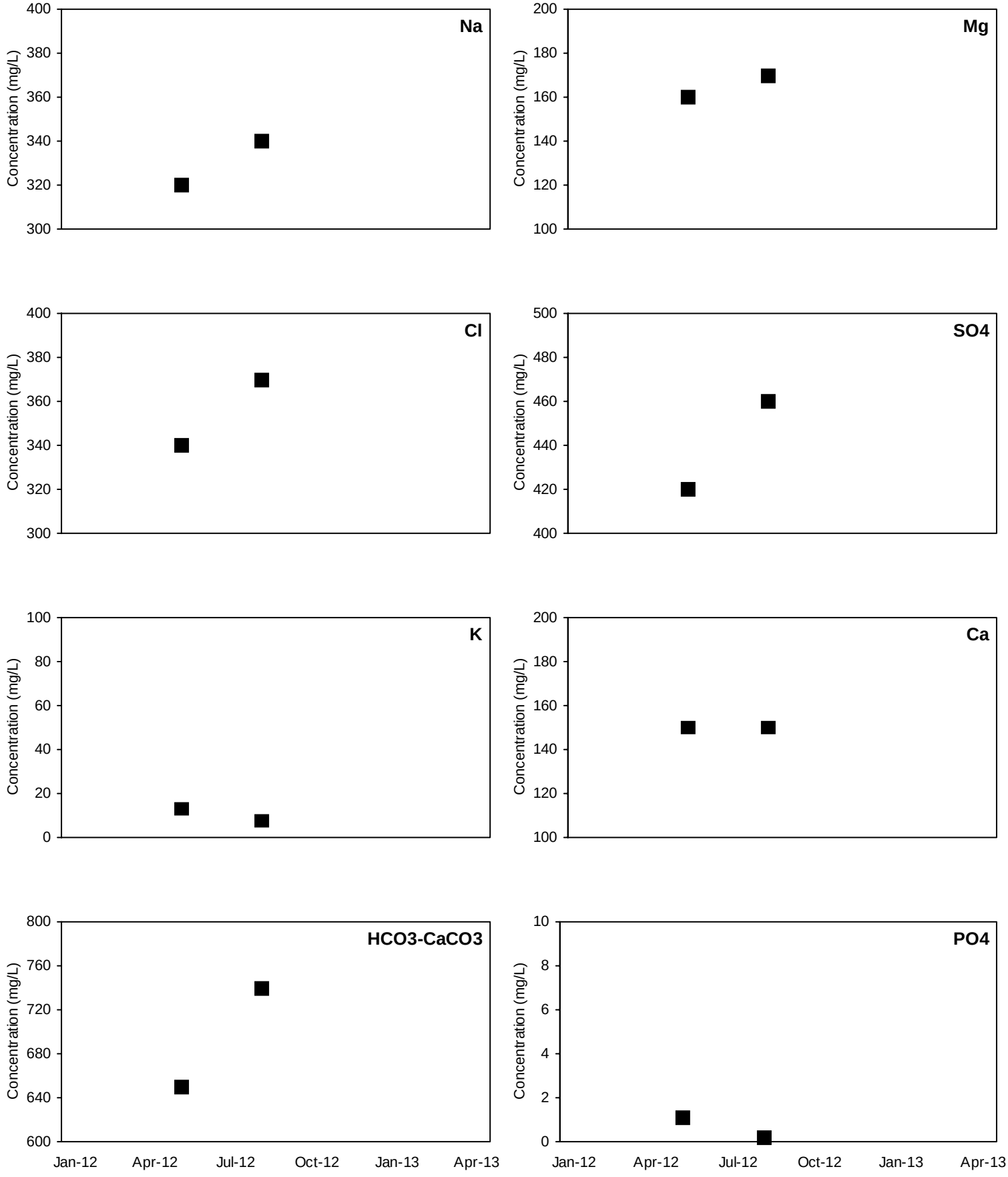
MOO-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

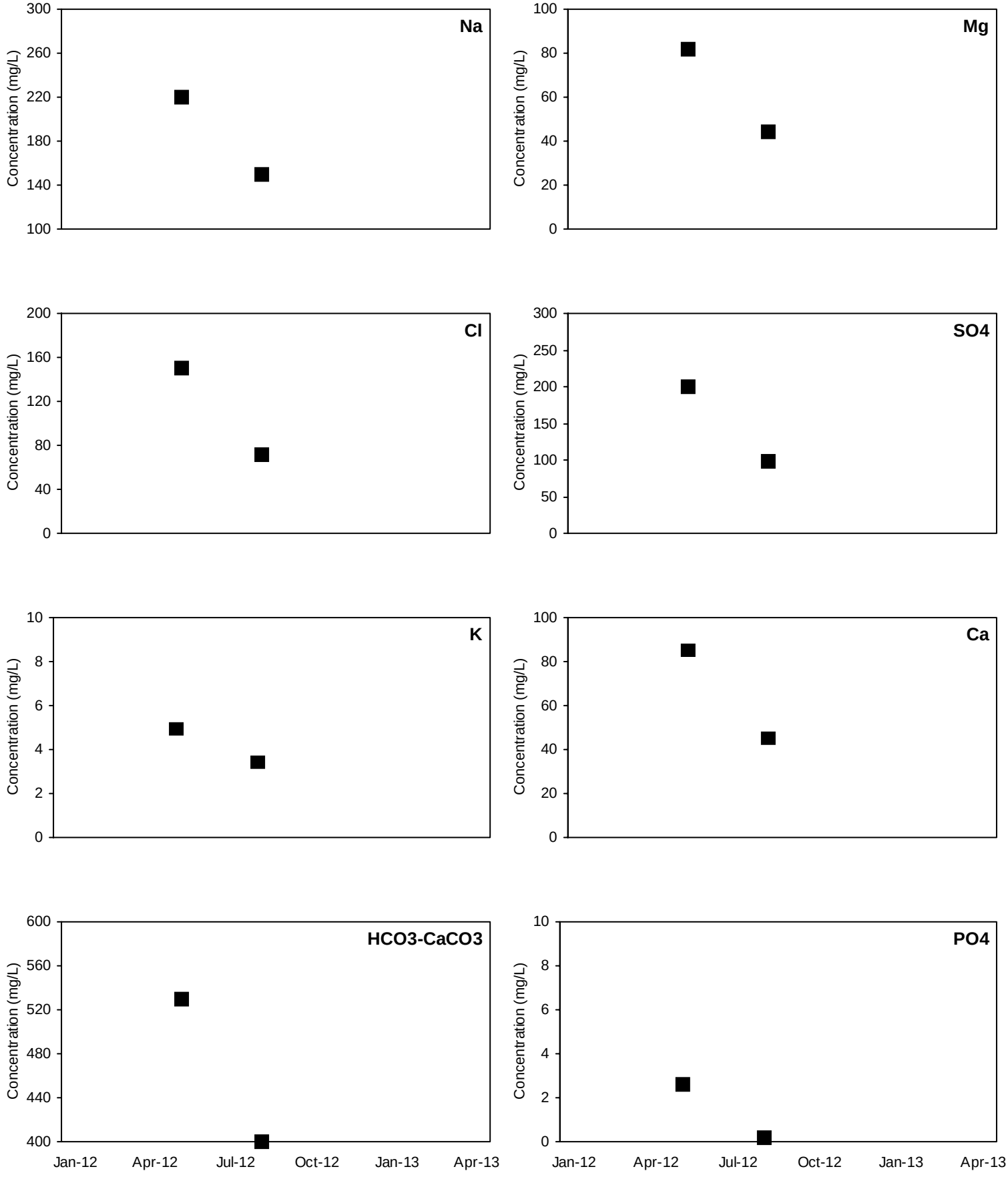
MOO-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

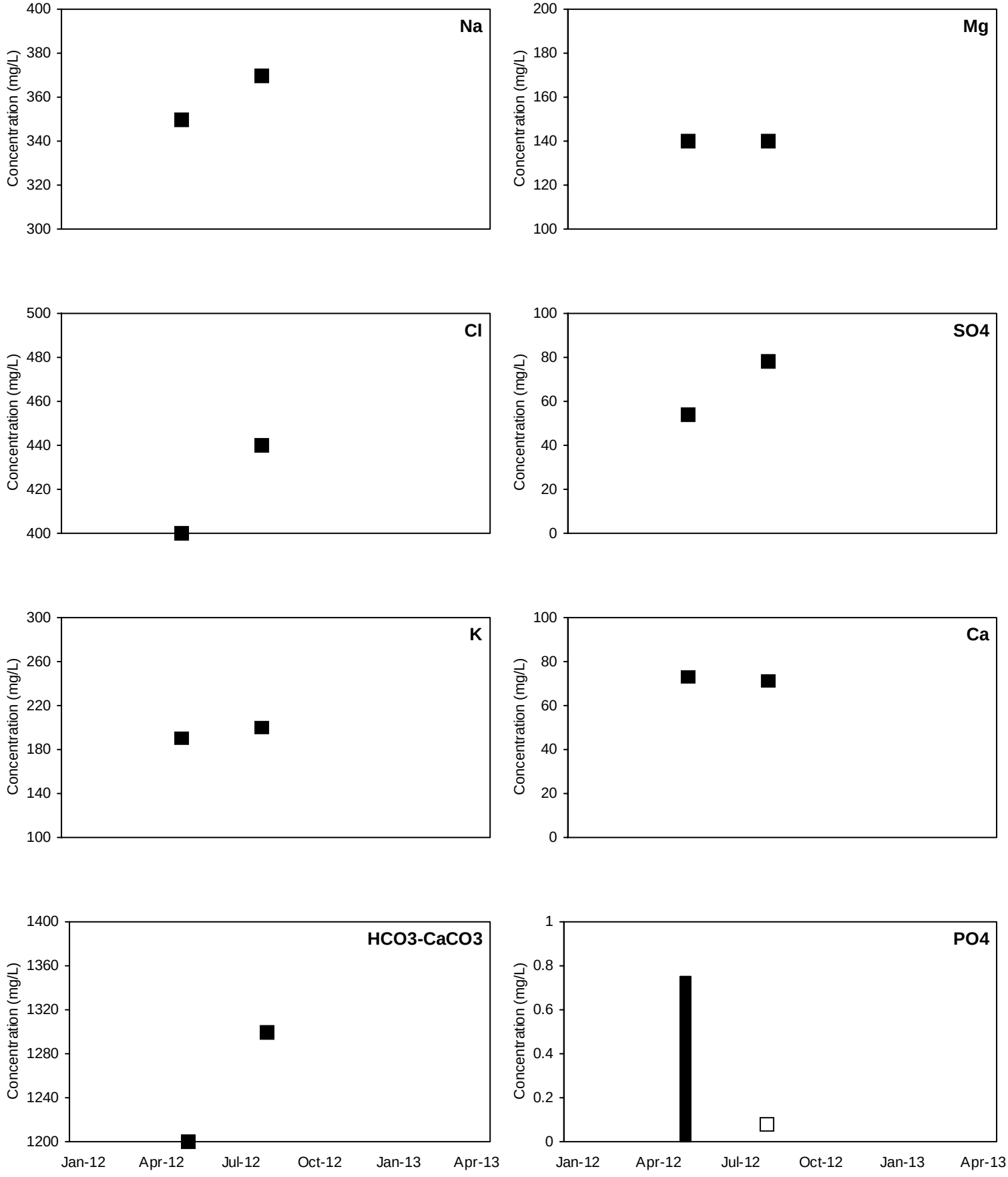
MOO-MW8



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

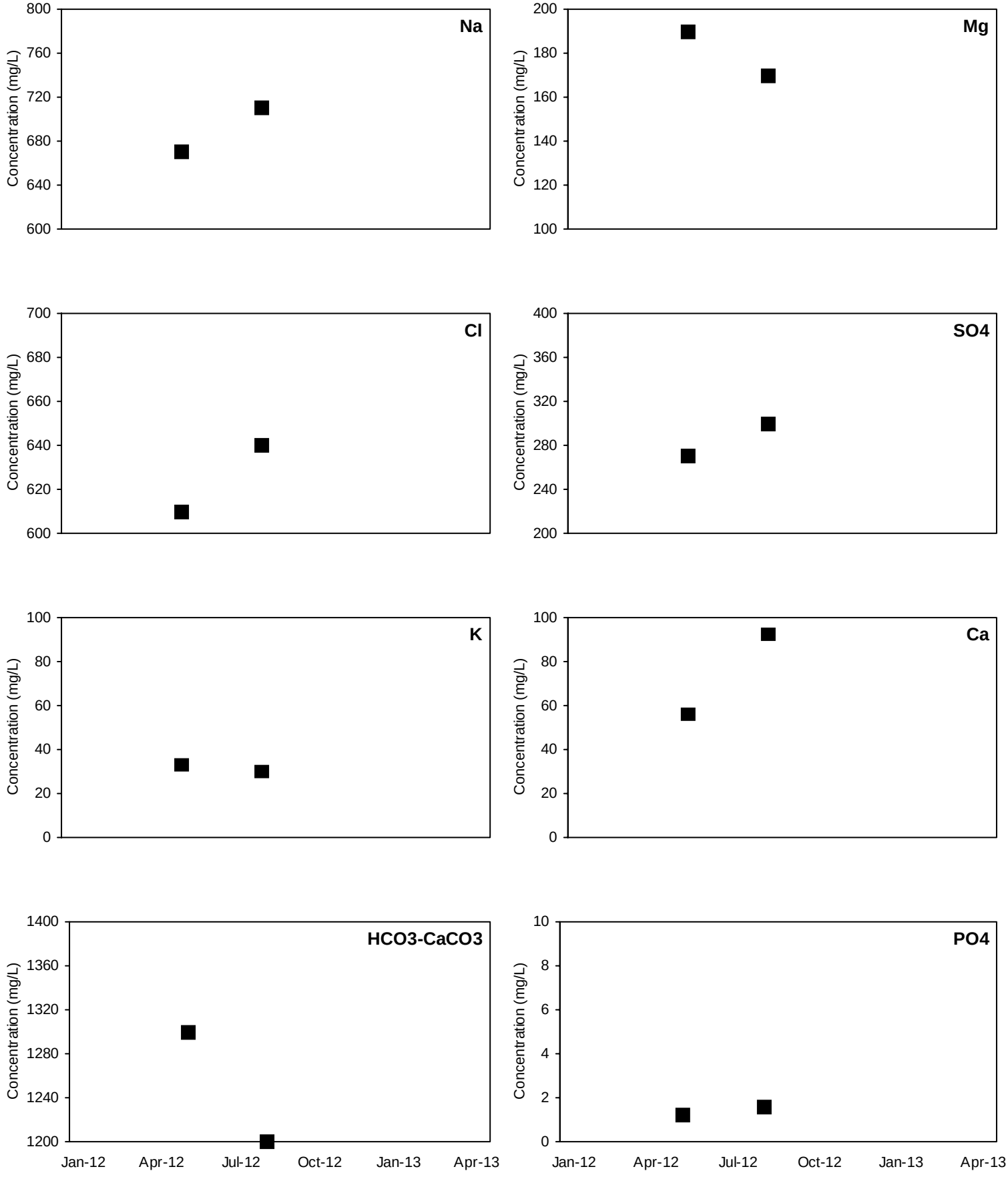
TON-MW1



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

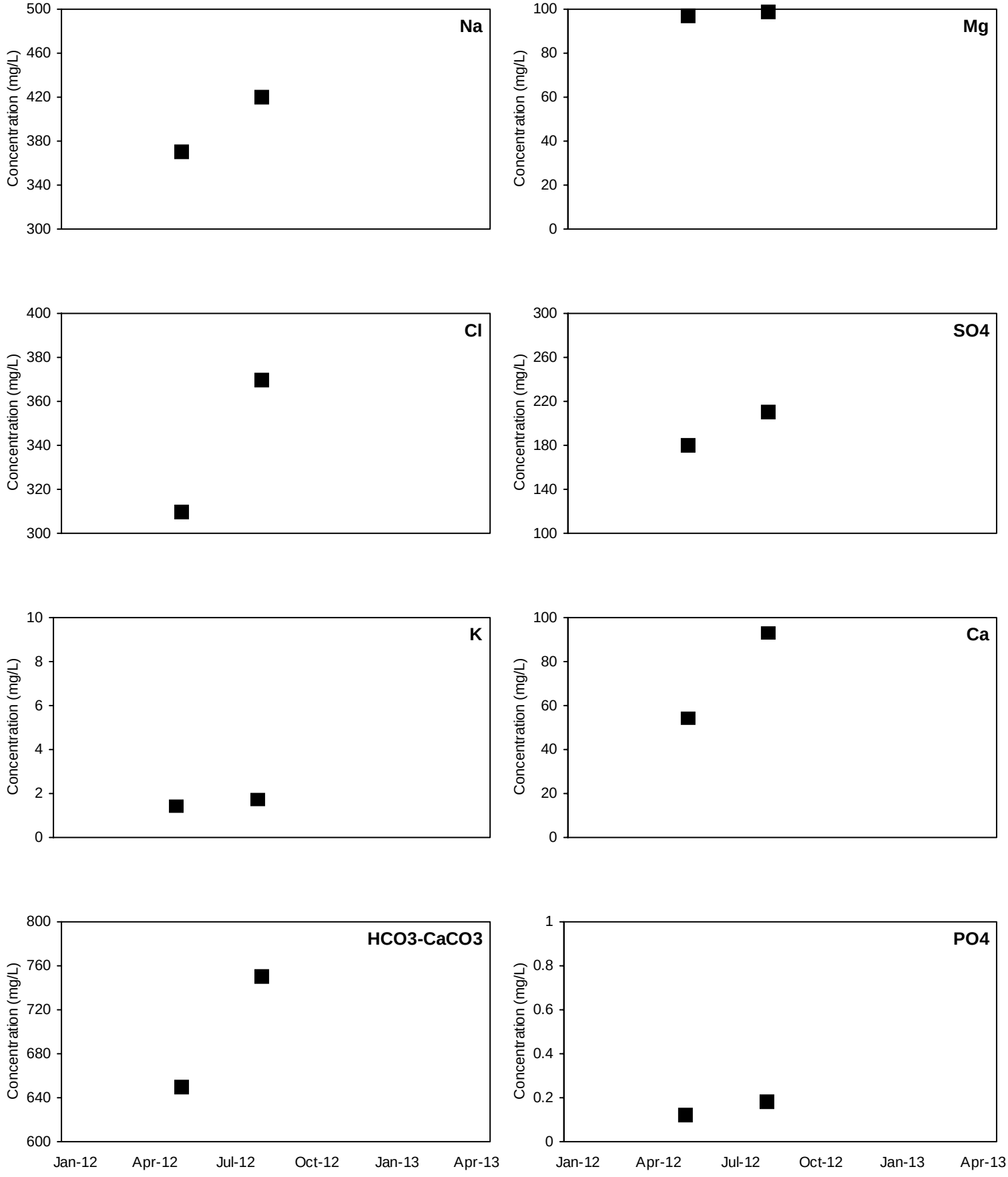
TON-MW2



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

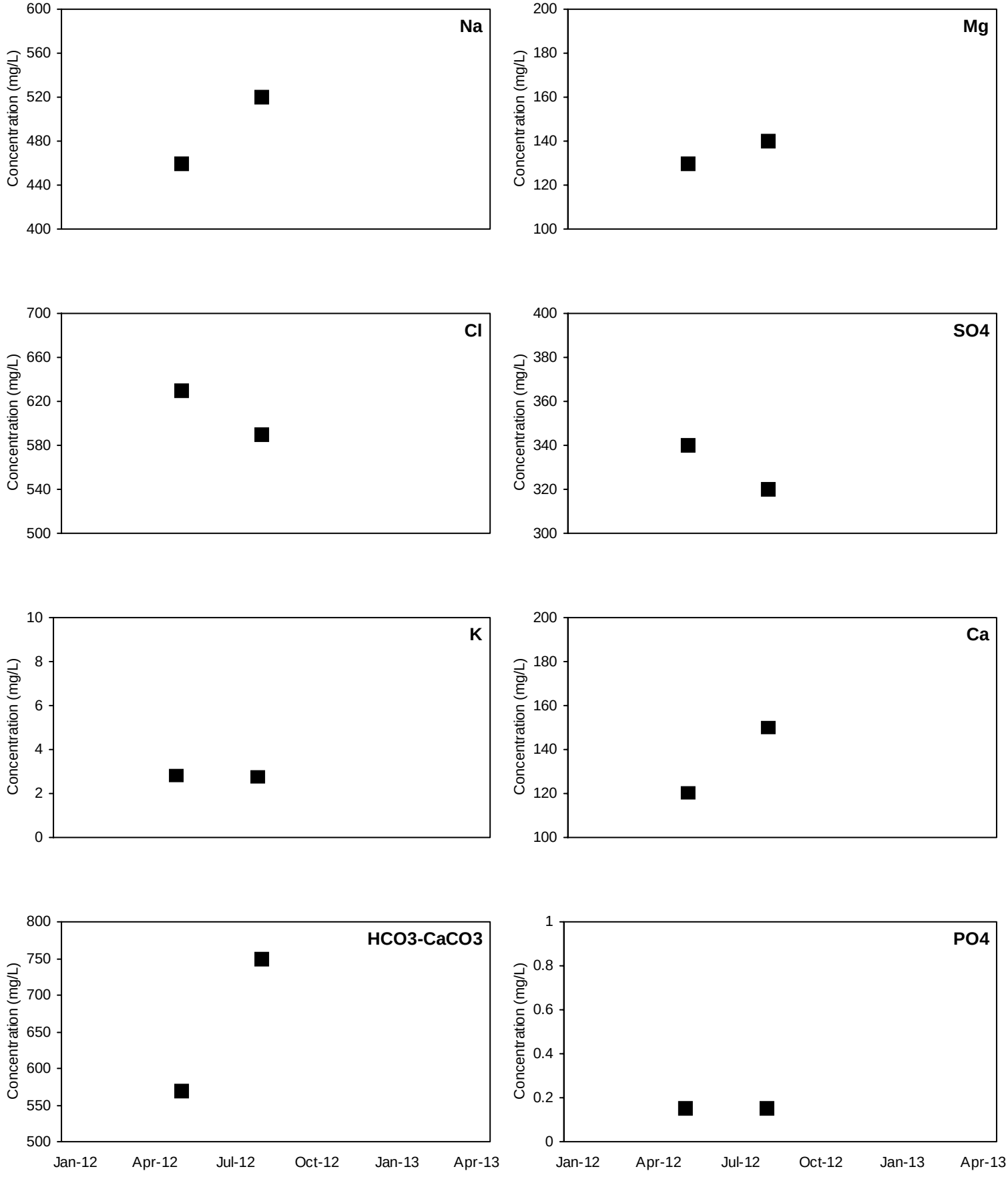
TON-MW3



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

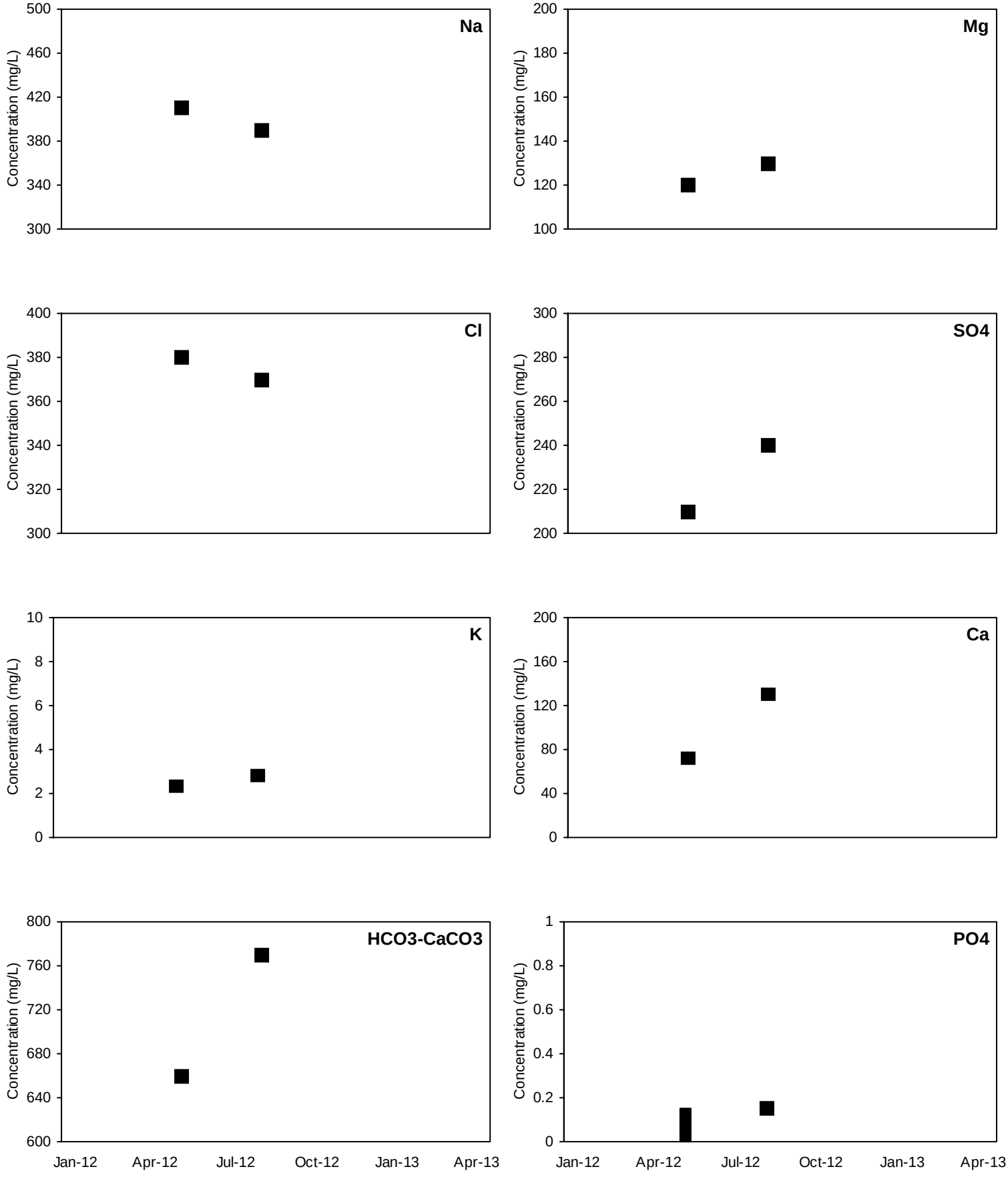
TON-MW4



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

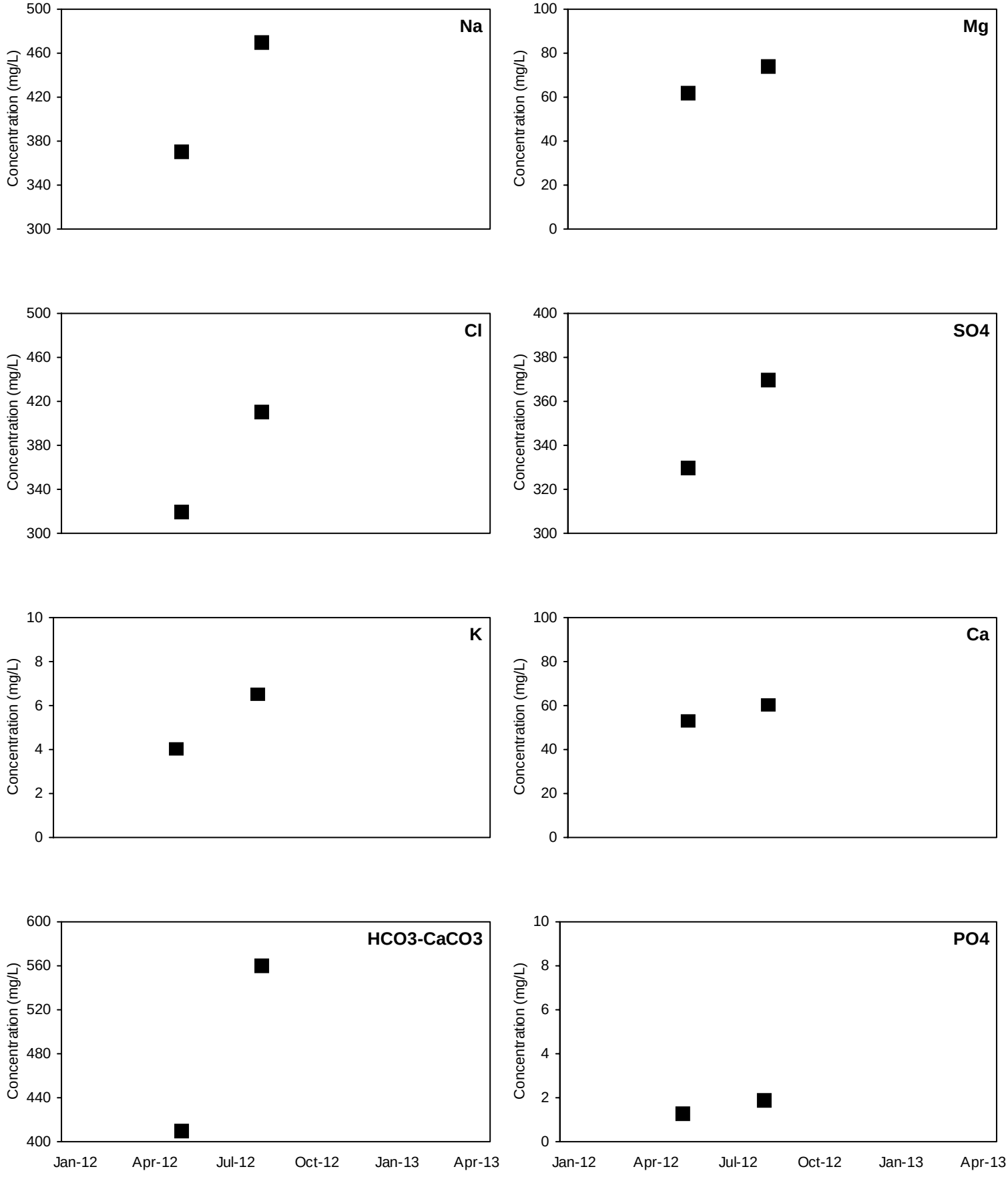
TON-MW5



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

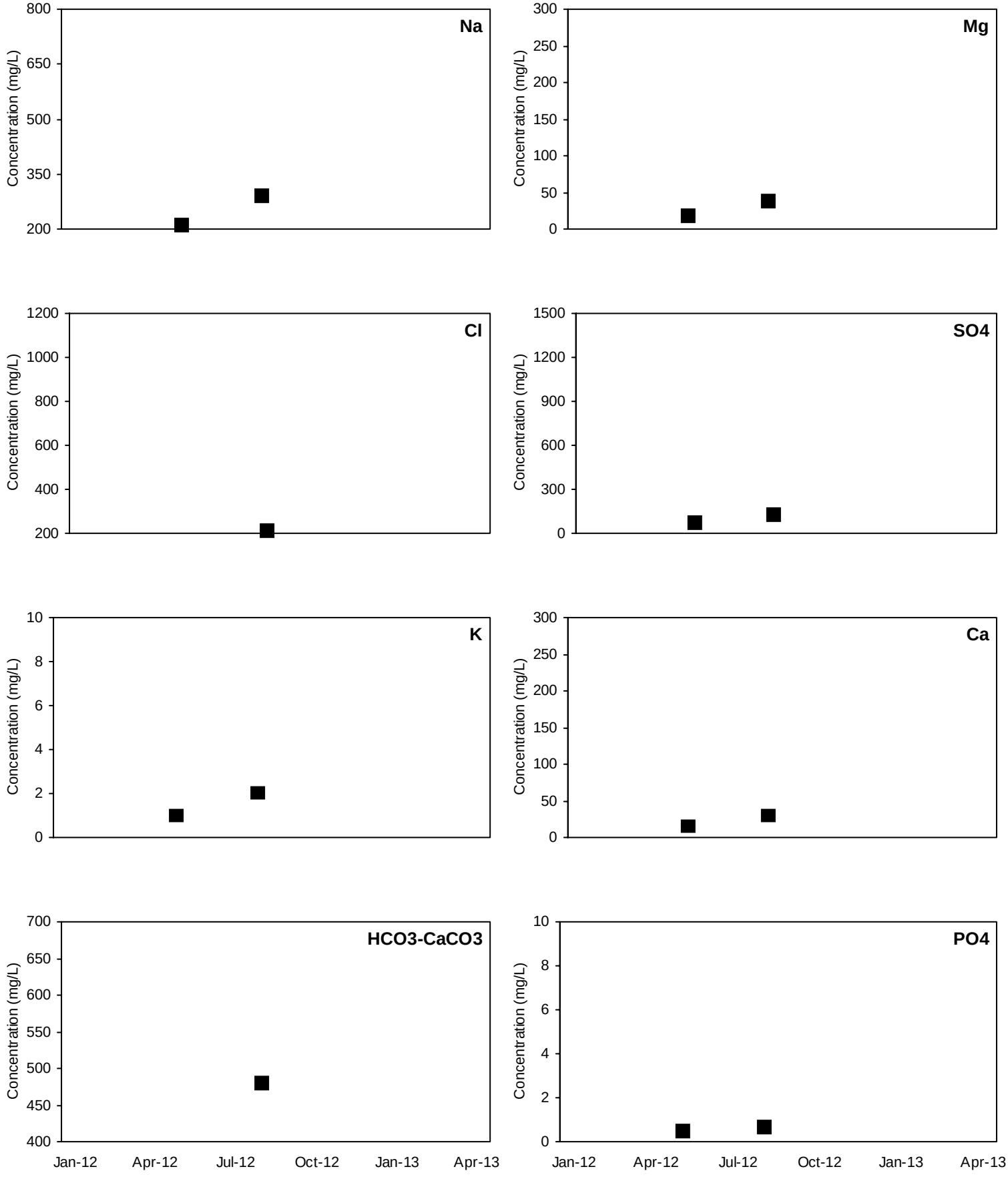
TON-MW6



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

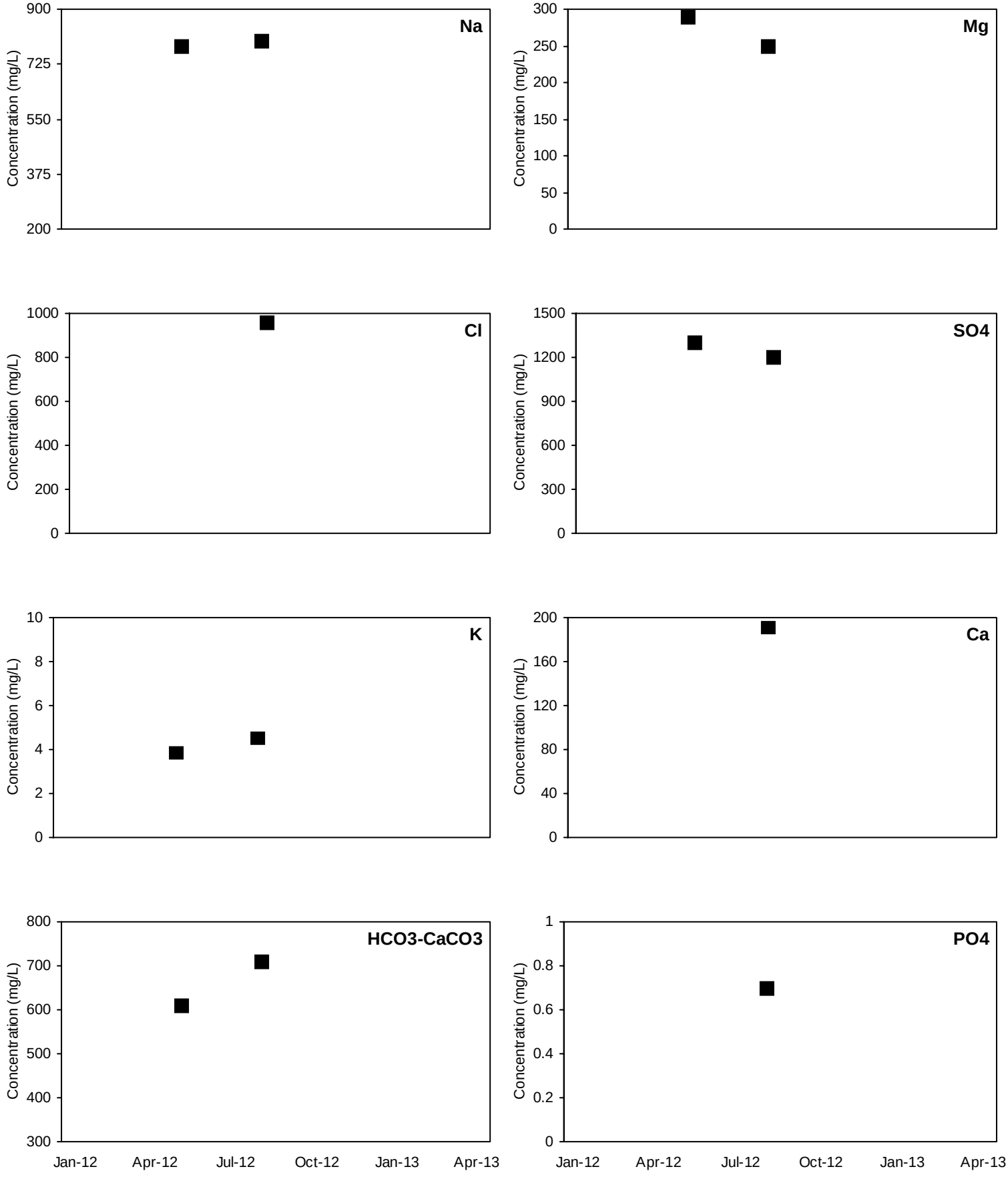
TON-MW7



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

TON-MW8



■ Detected Value □ 'J'-Flag (value between reporting limit and detection limit) Non-Detect Range

Shallow Well shown with black symbols Deep Well shown with orange symbols

Attachment A7

Groundwater Chemical Characteristics – Bar Charts, Stiff Diagrams, and Tertiary Plots

Table of Figures

A7-1 MEN – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 4

A7-2 MEN – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 4

A7-3 MEN – Stiff diagrams, May 2012 4

A7-4 MEN – Stiff diagrams, August 2012 5

A7-5 MEN – ternary diagram, major cations in groundwater samples, May 20125

A7-6 MEN – ternary diagram, major anions in groundwater samples, May 20125

A7-7 MEN – ternary diagram, major cations in groundwater samples, August 2012 6

A7-8 MEN – ternary diagram, major anions in groundwater samples, August 2012 6

A7-9 ANC – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 6

A7-10 ANC – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 6

A7-11 ANC – Stiff diagrams, May 2012 7

A7-12 ANC – Stiff diagrams, August 2012 7

A7-13 ANC – ternary diagram, major cations in groundwater samples, May 20128

A7-14 ANC – ternary diagram, major anions in groundwater samples, May 20128

A7-15 ANC – ternary diagram, major cations in groundwater samples, August 2012 8

A7-16 ANC – ternary diagram, major anions in groundwater samples, August 2012 8

A7-17 BET - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 9

A7-18 BET - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 9

A7-19 BET – Stiff diagrams, May 2012 9

A7-20 BET – Stiff diagrams, August 2012 10

A7-21 BET – ternary diagram, major cations in groundwater samples, May 201210

A7-22 BET – ternary diagram, major anions in groundwater samples, May 201210

A7-23 BET – ternary diagram, major cations in groundwater samples, August 2012 11

A7-24 BET – ternary diagram, major anions in groundwater samples, August 2012 11

A7-25 FG1 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 11

A7-26 FG1 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 11

A7-27 FG1 – Stiff diagrams, May 2012 12

A7-28 FG1 – Stiff diagrams, Auguat 2012 13

A7-29 FG1 – ternary diagram, major cations in groundwater samples, May 201214

A7-30 FG1 – ternary diagram, major anions in groundwater samples, May 201214

A7-31 FG1 – ternary diagram, major cations in groundwater samples, August 2012 14

A7-32 FG1 – ternary diagram, major anions in groundwater samples, August 2012 14

A7-33 BEA – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 15

A7-34 BEA – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 15

A7-35 BEA – Stiff diagrams, May 2012 15

A7-36 BEA – Stiff diagrams, August 2012 15

A7-37 BEA – ternary diagram, major cations in groundwater samples, May 201216

A7-38 BEA – ternary diagram, major anions in groundwater samples, May 201216

A7-39 BEA – ternary diagram, major cations in groundwater samples, August 2012 16

A7-40 BEA – ternary diagram, major anions in groundwater samples, August 2012 16

A7-41 COT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 17

A7-42 COT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 17

A7-43 COT – Stiff diagrams, May 2012 18

A7-44 COT – Stiff diagrams, August 2012 19

A7-45 COT – ternary diagram, major cations in groundwater samples, May 201220

A7-46 COT – ternary diagram, major anions in groundwater samples, May 201220

A7-47 COT – ternary diagram, major cations in groundwater samples, August 2012 20

A7-48 COT – ternary diagram, major anions in groundwater samples, August 2012 20

A7-49 SAN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 21

A7-50 SAN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 21

A7-51 SAN – Stiff diagrams, May 2012 21

A7-52 SAN – Stiff diagrams, August 2012 22

A7-53 SAN – ternary diagram, major cations in groundwater samples, May 201222

A7-54 SAN – ternary diagram, major anions in groundwater samples, May 201222

A7-55 SAN – ternary diagram, major cations in groundwater samples, August 2012 23

A7-56 SAN – ternary diagram, major anions in groundwater samples, August 2012 23

A7-57 PLS - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012....23

A7-58 PLS - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012....23

A7-59 PLS – Stiff diagrams, May 2012....24

A7-60 PLS – Stiff diagrams, August 2012....24

A7-61 PLS – ternary diagram, major cations in groundwater samples, May 201225

A7-62 PLS – ternary diagram, major anions in groundwater samples, May 201225

A7-63 PLS – ternary diagram, major cations in groundwater samples, August 2012....25

A7-64 PLS – ternary diagram, major anions in groundwater samples, August 2012....25

A7-65 CAE - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012....26

A7-66 CAE - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012....26

A7-67 CAE – Stiff diagrams, May 2012....26

A7-68 CAE – Stiff diagrams, August 2012....27

A7-69 CAE – ternary diagram, major cations in groundwater samples, May 201227

A7-70 CAE – ternary diagram, major anions in groundwater samples, May 201227

A7-71 CAE – ternary diagram, major cations in groundwater samples, August 2012....28

A7-72 CAE – ternary diagram, major anions in groundwater samples, August 2012....28

A7-73 ROB - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012....28

A7-74 ROB - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012....28

A7-75 ROB – Stiff diagrams, May 2012....29

A7-76 ROB – Stiff diagrams, August 2012....29

A7-77 ROB – ternary diagram, major cations in groundwater samples, May 201230

A7-78 ROB – ternary diagram, major anions in groundwater samples, May 201230

A7-79 ROB – ternary diagram, major cations in groundwater samples, August 2012....30

A7-80 ROB – ternary diagram, major anions in groundwater samples, August 2012....30

A7-81 ANT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012....31

A7-82 ANT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012....31

A7-83 ANT – Stiff diagrams, May 2012....31

A7-84 ANT – Stiff diagrams, August 2012....32

A7-85 ANT – ternary diagram, major cations in groundwater samples, May 201232

A7-86 ANT – ternary diagram, major anions in groundwater samples, May 201232

A7-87 ANT – ternary diagram, major cations in groundwater samples, August 2012....33

A7-88 ANT – ternary diagram, major anions in groundwater samples, August 2012....33

A7-89 COR – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012....33

A7-90 COR – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012....33

A7-91 COR – Stiff diagrams, May 2012....34

A7-92 COR – Stiff diagrams, August 2012....34

A7-93 COR – ternary diagram, major cations in groundwater samples, May 201234

A7-94 COR – ternary diagram, major anions in groundwater samples, May 201235

A7-95 COR – ternary diagram, major cations in groundwater samples, August 2012....35

A7-96 COR – ternary diagram, major anions in groundwater samples, August 2012....35

A7-97 FG2 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012....36

A7-98 FG2 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012....36

A7-99 FG2 – Stiff diagrams, May 2012....36

A7-100 FG2 – Stiff diagrams, August 2012....37

A7-101 FG2 – ternary diagram, major cations in groundwater samples, May 2012....37

A7-102 FG2 – ternary diagram, major anions in groundwater samples, May 2012....37

A7-103 FG2 – ternary diagram, major cations in groundwater samples, August 2012....38

A7-104 FG2 – ternary diagram, major anions in groundwater samples, August 2012....38

A7-105 GOD - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012....38

A7-106 GOD - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012....38

A7-107 GOD – Stiff diagrams, May 2012....39

A7-108 GOD – Stiff diagrams, August 2012....39

A7-109 GOD – ternary diagram, major cations in groundwater samples, May 2012....40

A7-110 GOD – ternary diagram, major anions in groundwater samples, May 2012....40

A7-111 GOD – ternary diagram, major cations in groundwater samples, August 2012....40

A7-112 GOD – ternary diagram, major anions in groundwater samples, August 2012....40

A7-113 MAC - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 41

A7-114 MAC - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 41

A7-115 MAC – Stiff diagrams, May 2012 41

A7-116 MAC – Stiff diagrams, August 2012 42

A7-117 MAC – ternary diagram, major cations in groundwater samples, May 2012 42

A7-118 MAC – ternary diagram, major anions in groundwater samples, May 2012 42

A7-119 MAC – ternary diagram, major cations in groundwater samples, August 2012 43

A7-120 MAC – ternary diagram, major anions in groundwater samples, August 2012 43

A7-121 NUN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 43

A7-122 NUN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 43

A7-123 NUN – Stiff diagrams, May 2012 44

A7-124 NUN – Stiff diagrams, August 2012 44

A7-125 NUN – ternary diagram, major cations in groundwater samples, May 2012 44

A7-126 NUN – ternary diagram, major anions in groundwater samples, May 2012 44

A7-127 NUN – ternary diagram, major cations in groundwater samples, August 2012 45

A7-128 NUN – ternary diagram, major anions in groundwater samples, August 2012 45

A7-129 MOO - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 45

A7-130 MOO - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 45

A7-131 MOO – Stiff diagrams, May 2012 46

A7-132 MOO – Stiff diagrams, August 2012 46

A7-133 MOO – ternary diagram, major cations in groundwater samples, May 2012 47

A7-134 MOO – ternary diagram, major anions in groundwater samples, May 2012 47

A7-135 MOO – ternary diagram, major cations in groundwater samples, August 2012 47

A7-136 MOO – ternary diagram, major anions in groundwater samples, August 2012 47

A7-137 TON - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012 48

A7-138 TON - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012 48

A7-139 TON – Stiff diagrams, May 2012 48

A7-140 TON – Stiff diagrams, August 2012 49

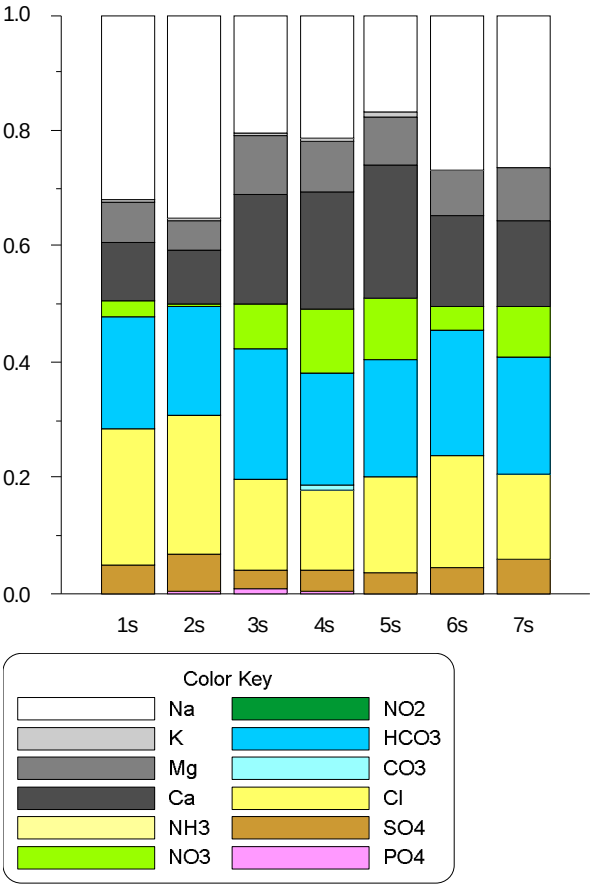
A7-141 TON – ternary diagram, major cations in groundwater samples, May 2012 49

A7-142 TON – ternary diagram, major anions in groundwater samples, May 2012 49

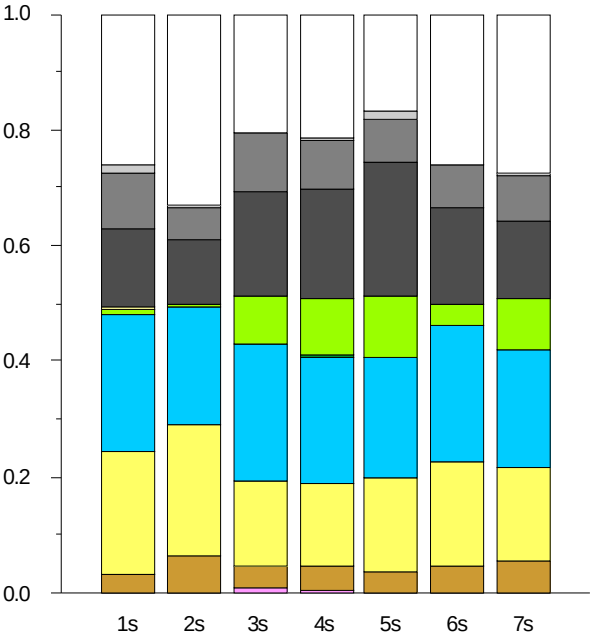
A7-143 TON – ternary diagram, major cations in groundwater samples, August 2012 50

A7-144 TON – ternary diagram, major anions in groundwater samples, August 2012 50

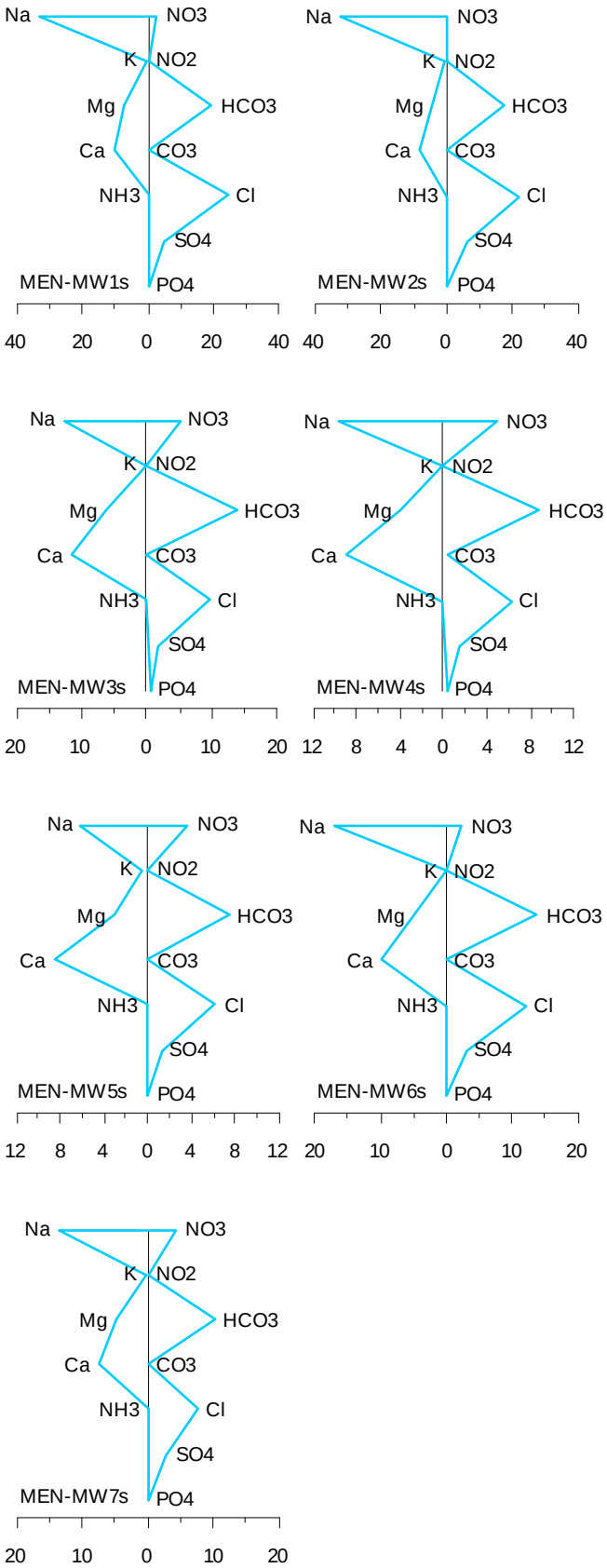
MEN



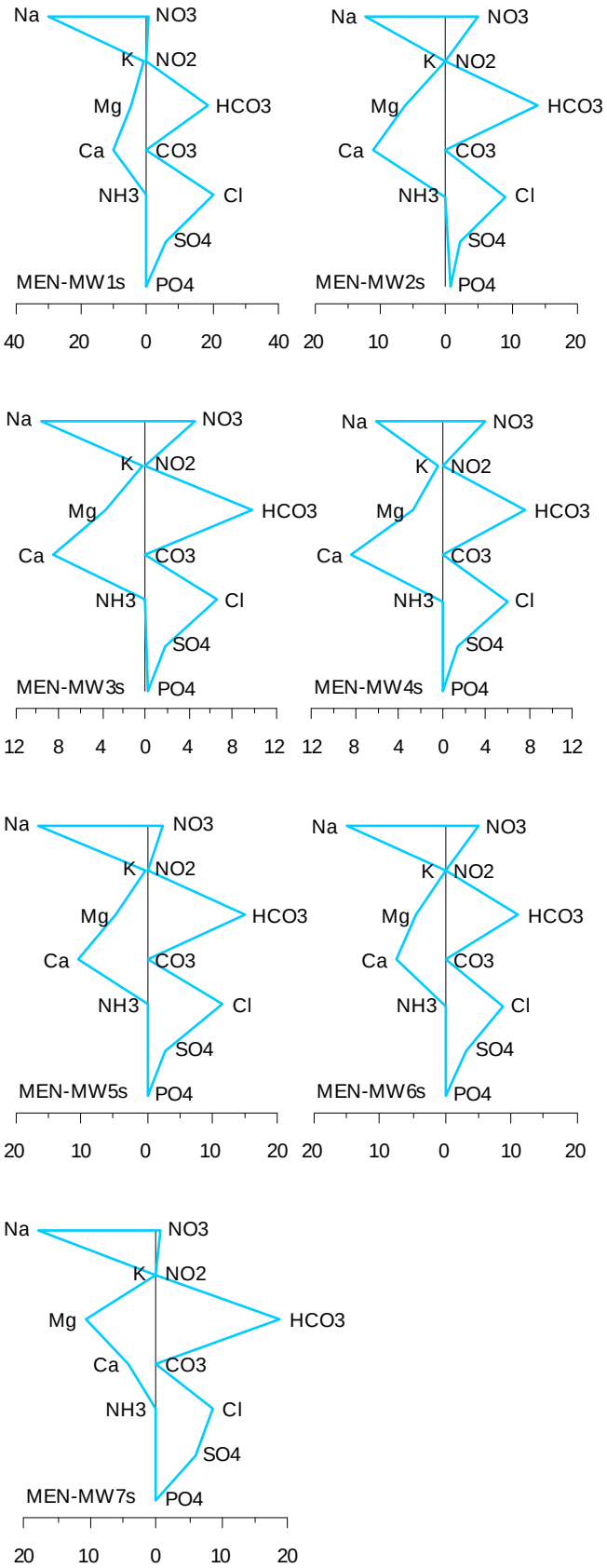
A7-1 MEN – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



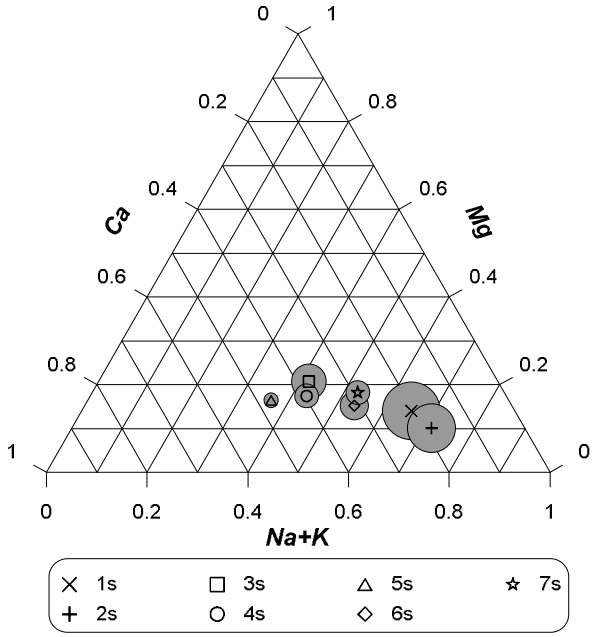
A7-2 MEN – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



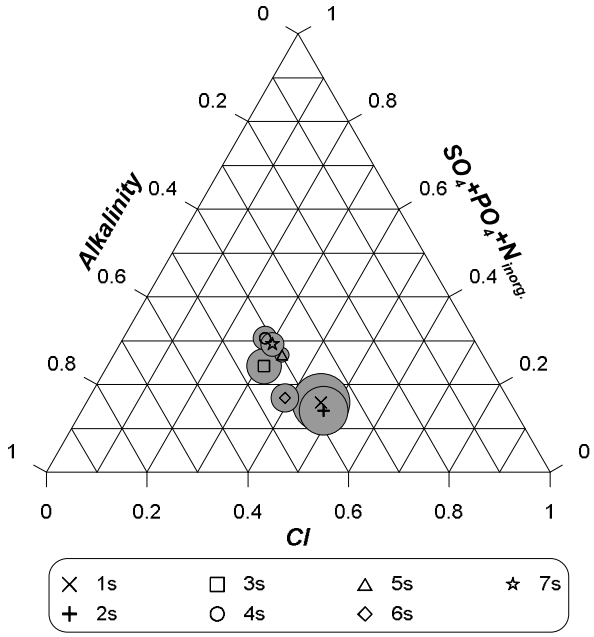
A7-3 MEN – Stiff diagrams, May 2012



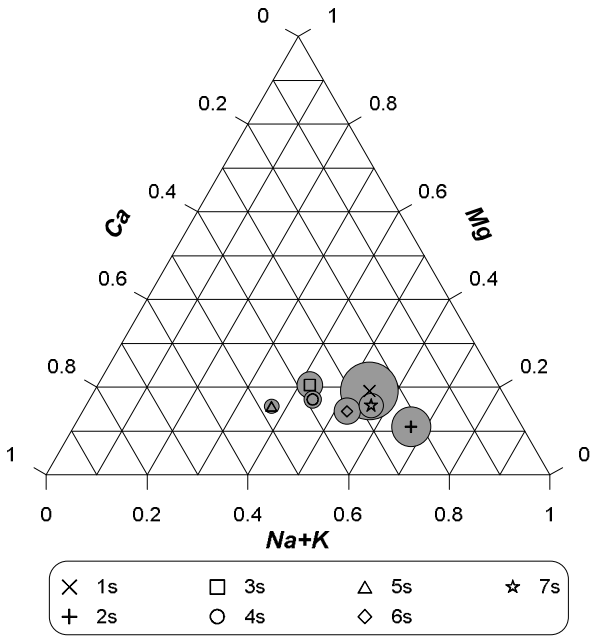
A7-4 MEN – Stiff diagrams, August 2012



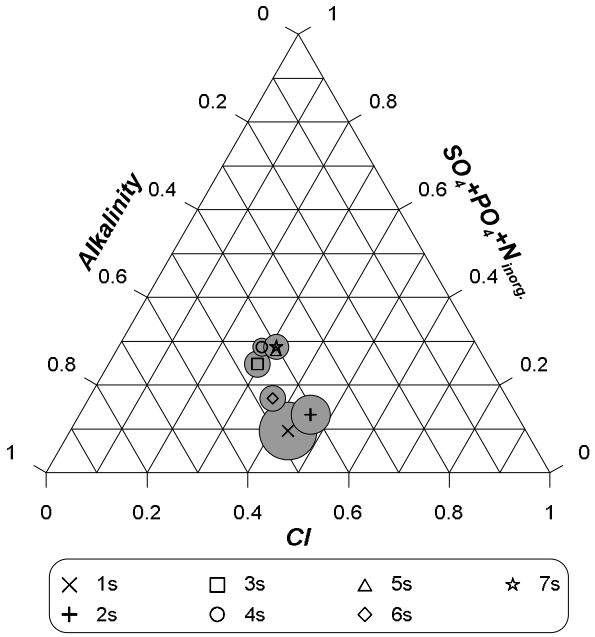
A7-5 MEN – ternary diagram, major cations in groundwater samples, May 2012



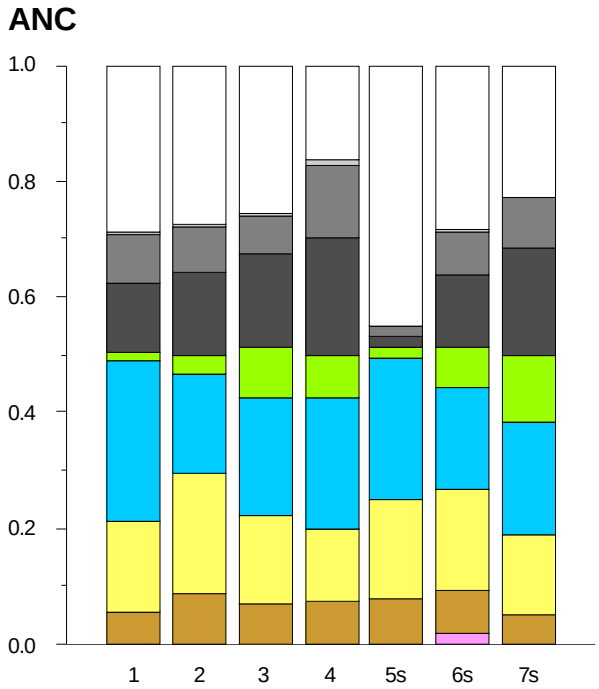
A7-6 MEN – ternary diagram, major anions in groundwater samples, May 2012



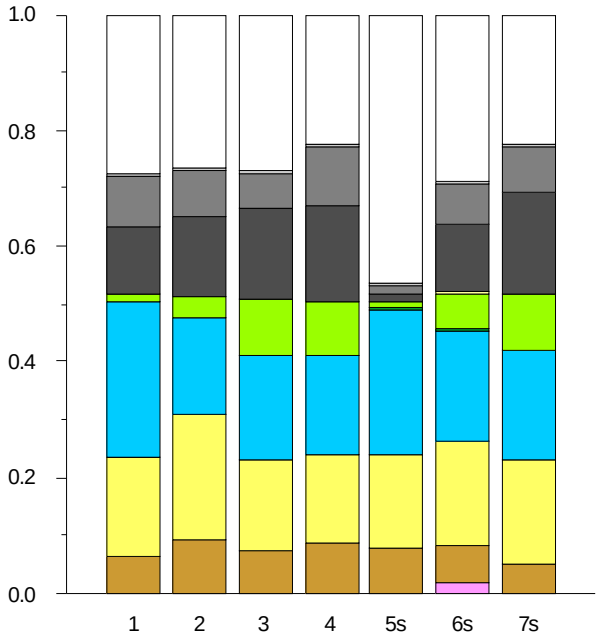
A7-7 MEN – ternary diagram, major cations in groundwater samples, August 2012



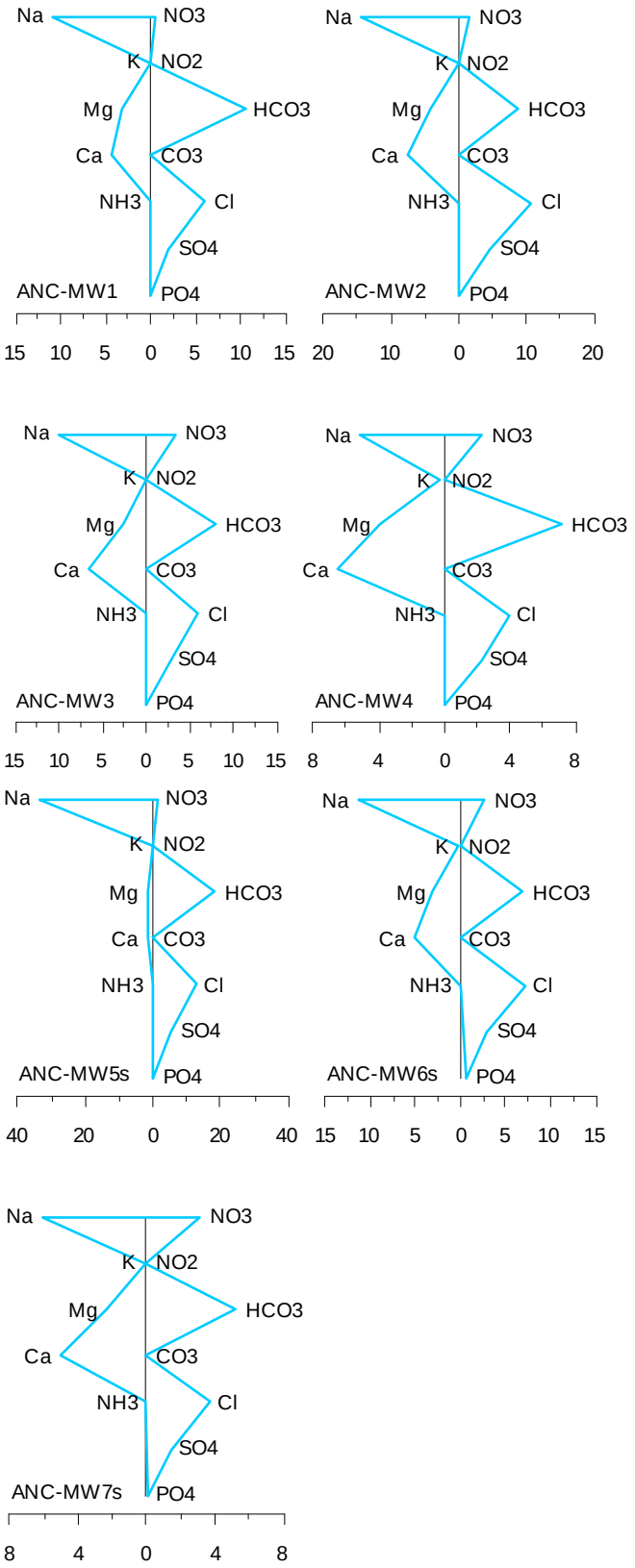
A7-8 MEN – ternary diagram, major anions in groundwater samples, August 2012



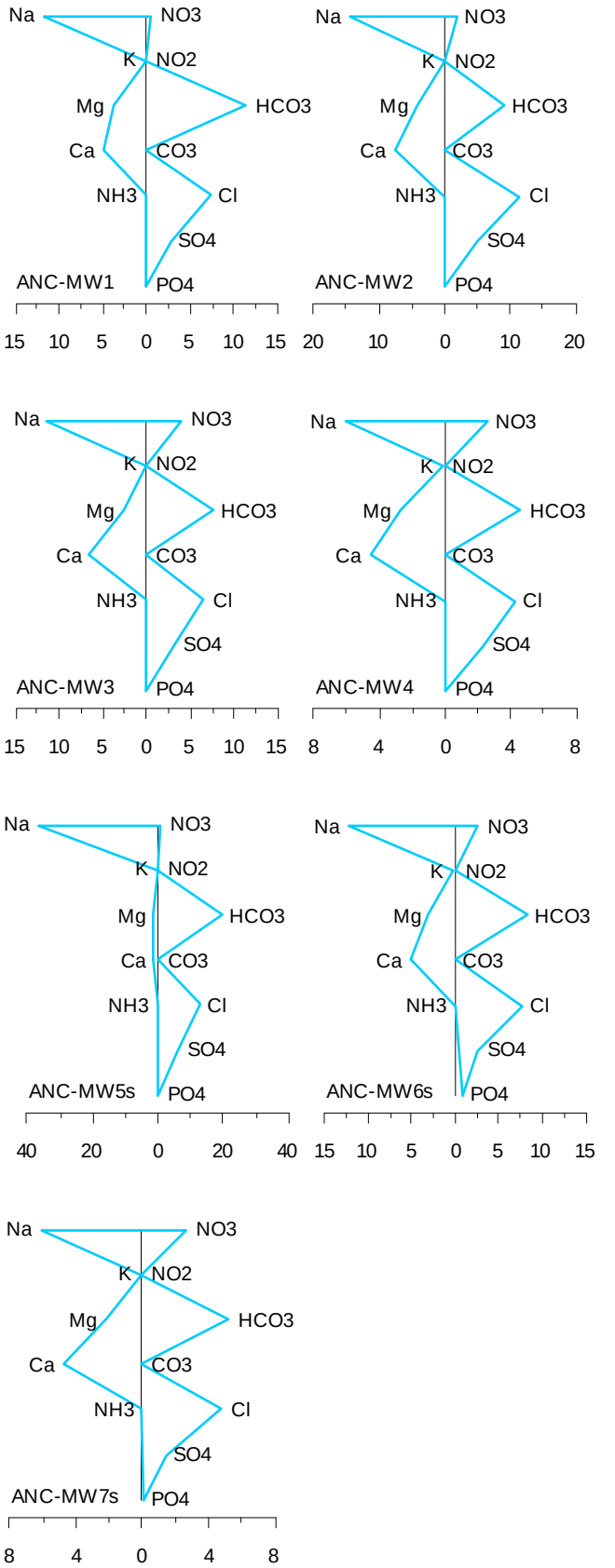
A7-9 ANC – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



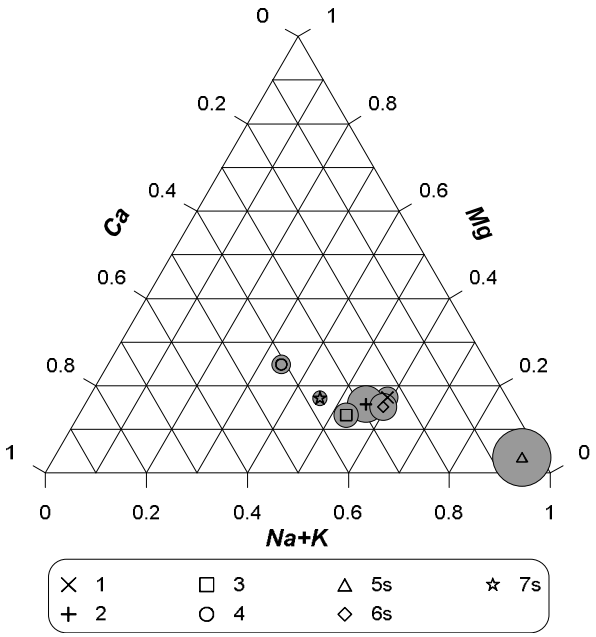
A7-10 ANC – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



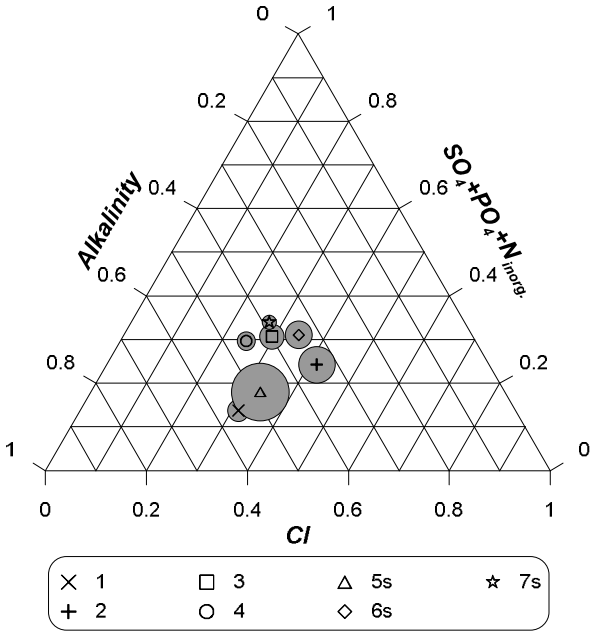
A7-11 ANC – Stiff diagrams, May 2012



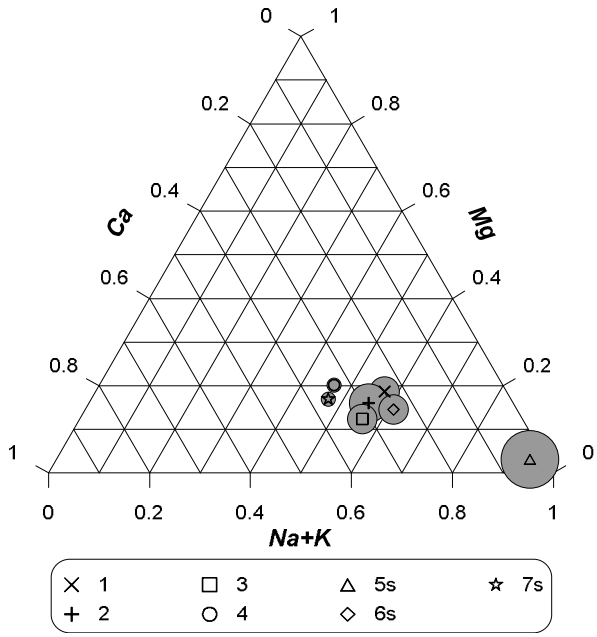
A7-12 ANC – Stiff diagrams, August 2012



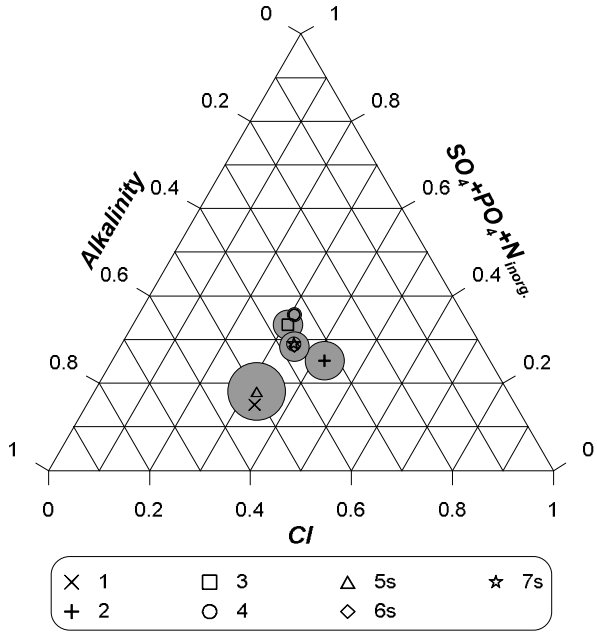
A7-13 ANC – ternary diagram, major cations in groundwater samples, May 2012



A7-14 ANC – ternary diagram, major anions in groundwater samples, May 2012

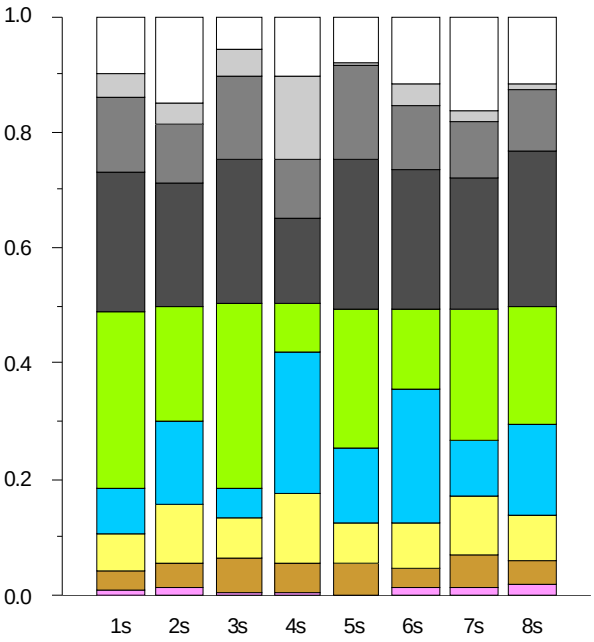


A7-15 ANC – ternary diagram, major cations in groundwater samples, August 2012

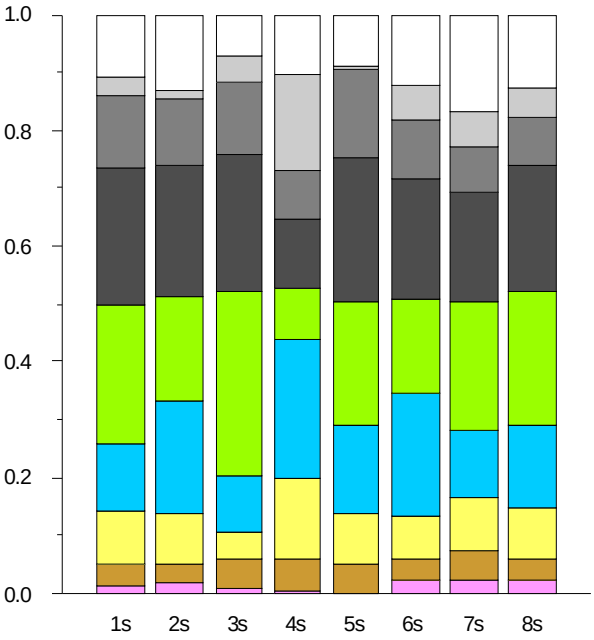


A7-16 ANC – ternary diagram, major anions in groundwater samples, August 2012

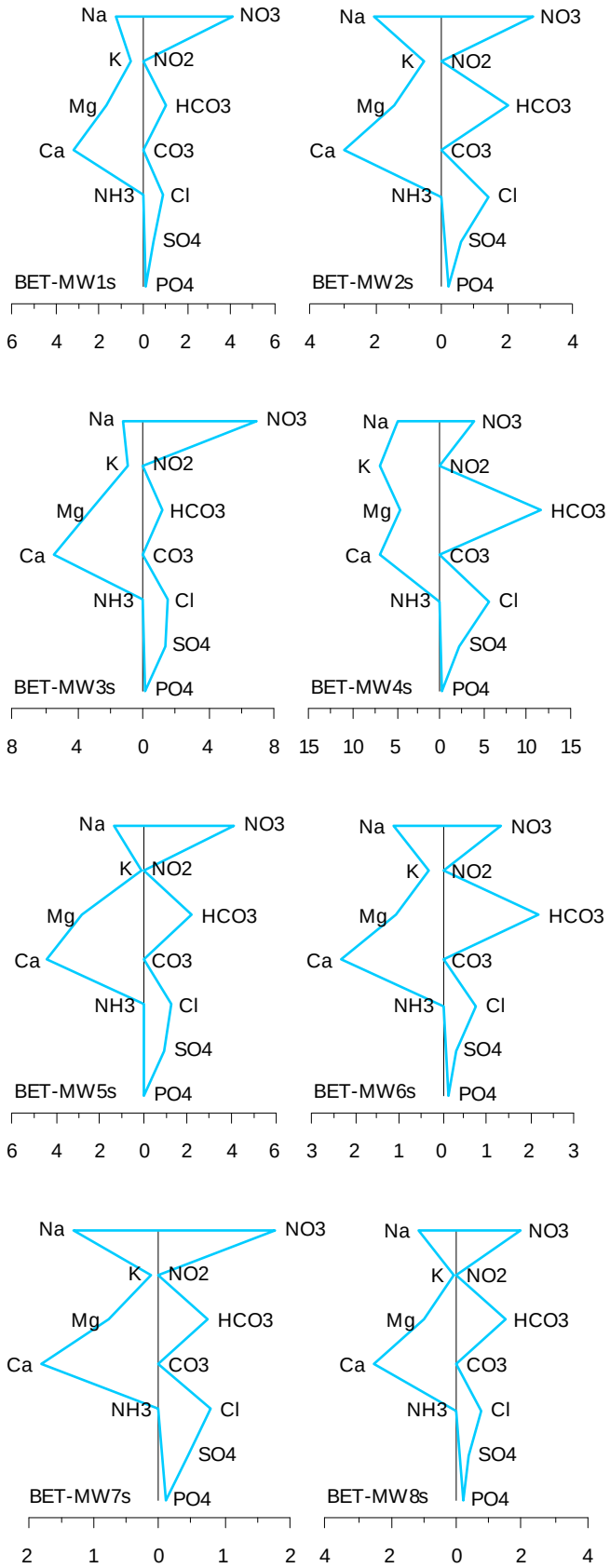
BET



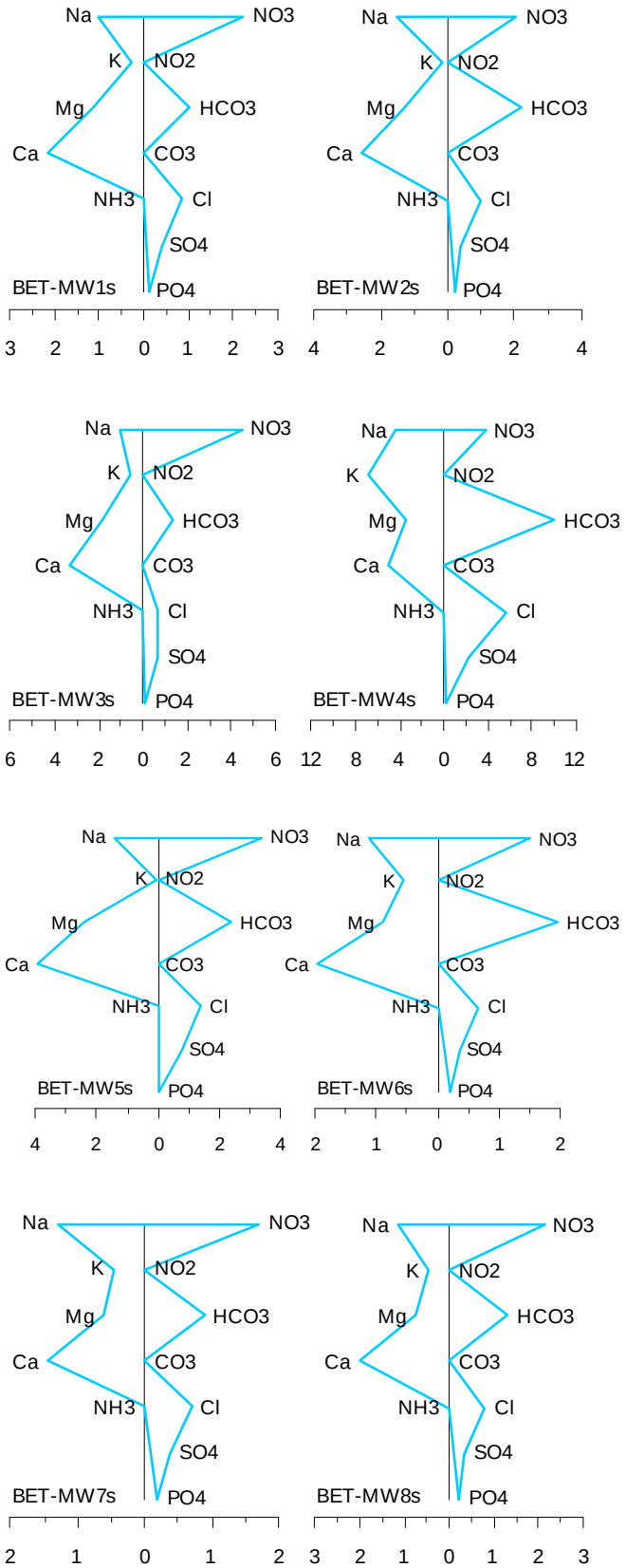
A7-17 BET - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



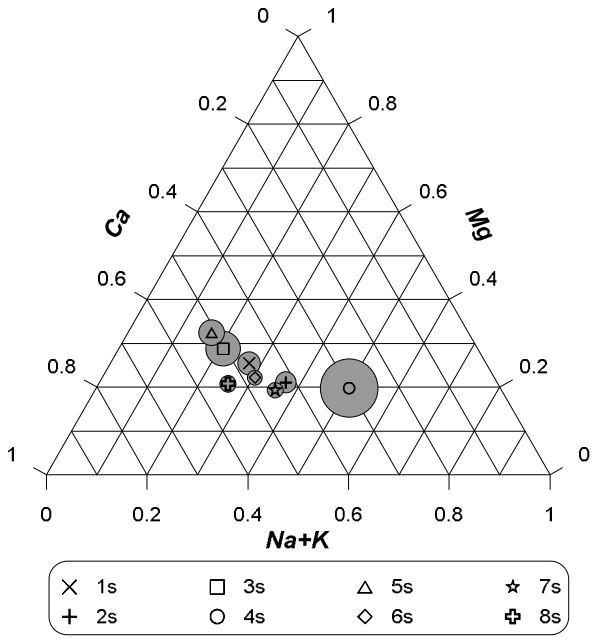
A7-18 BET - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



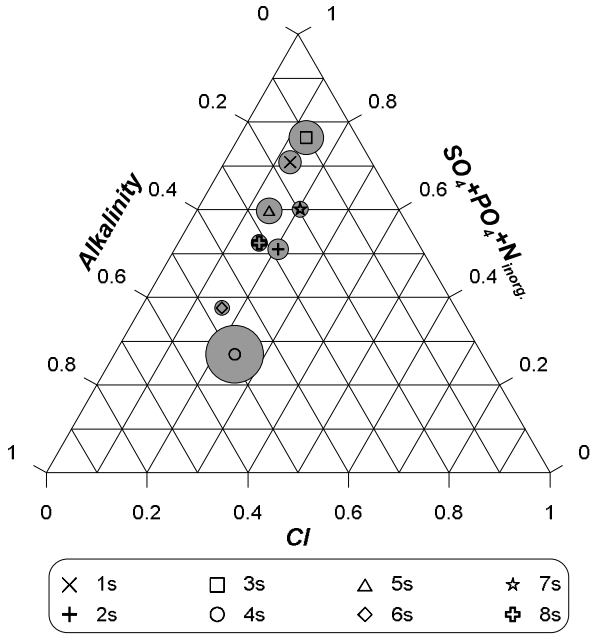
A7-19 BET – Stiff diagrams, May 2012



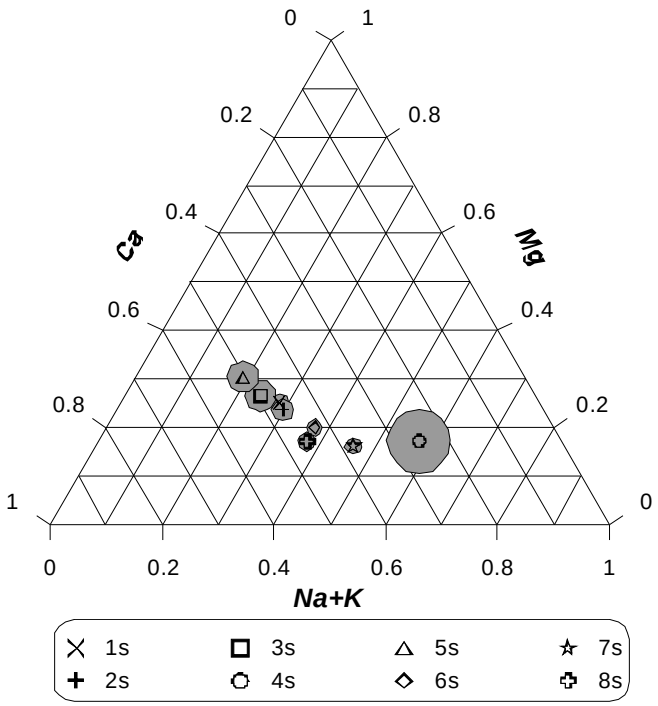
A7-20 BET – Stiff diagrams, August 2012



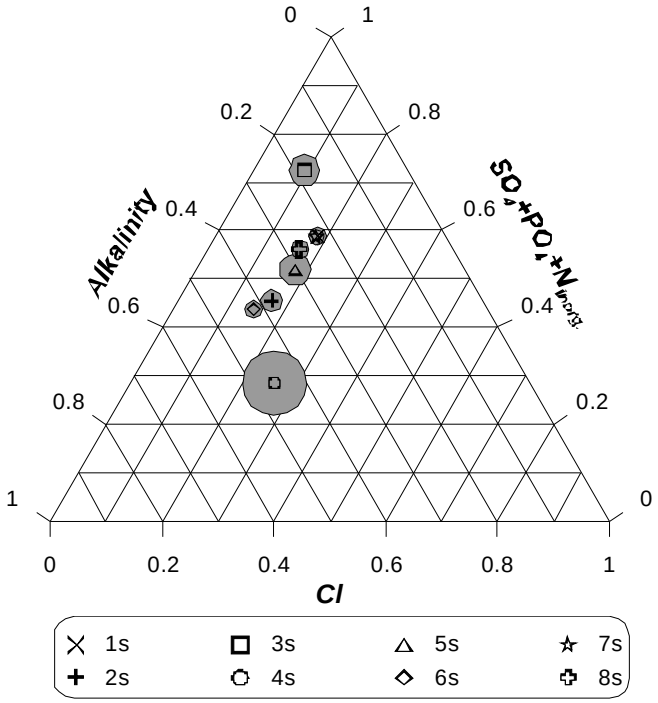
A7-21 BET – ternary diagram, major cations in groundwater samples, May 2012



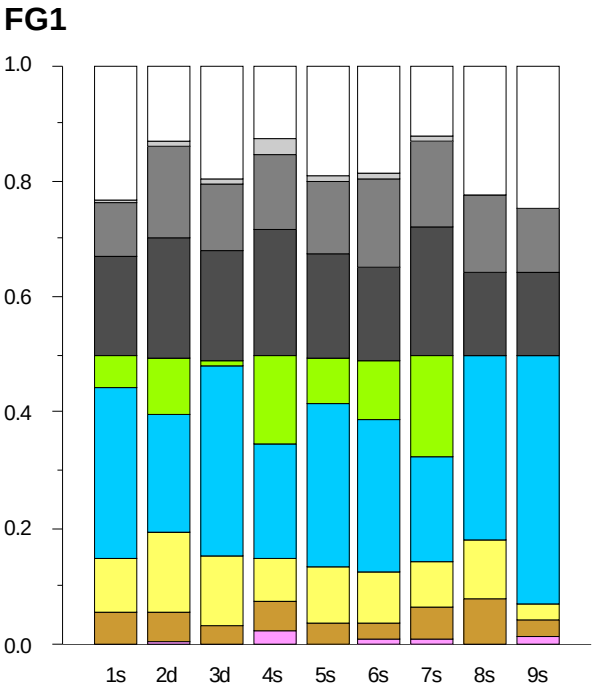
A7-22 BET – ternary diagram, major anions in groundwater samples, May 2012



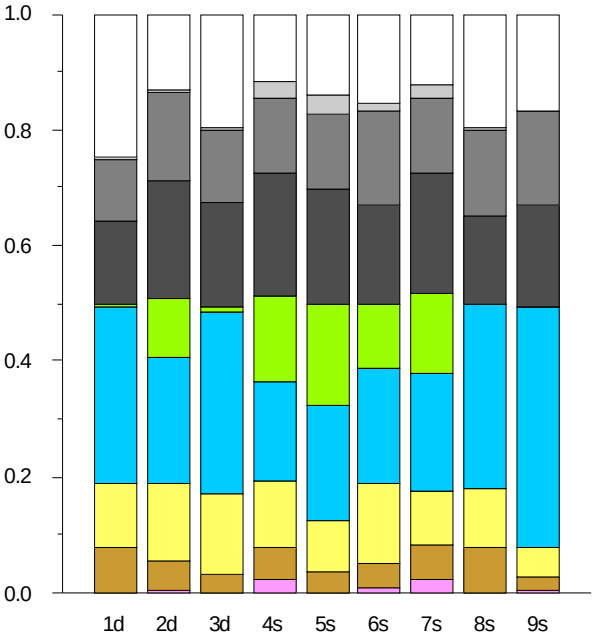
A7-23 BET – ternary diagram, major cations in groundwater samples, August 2012



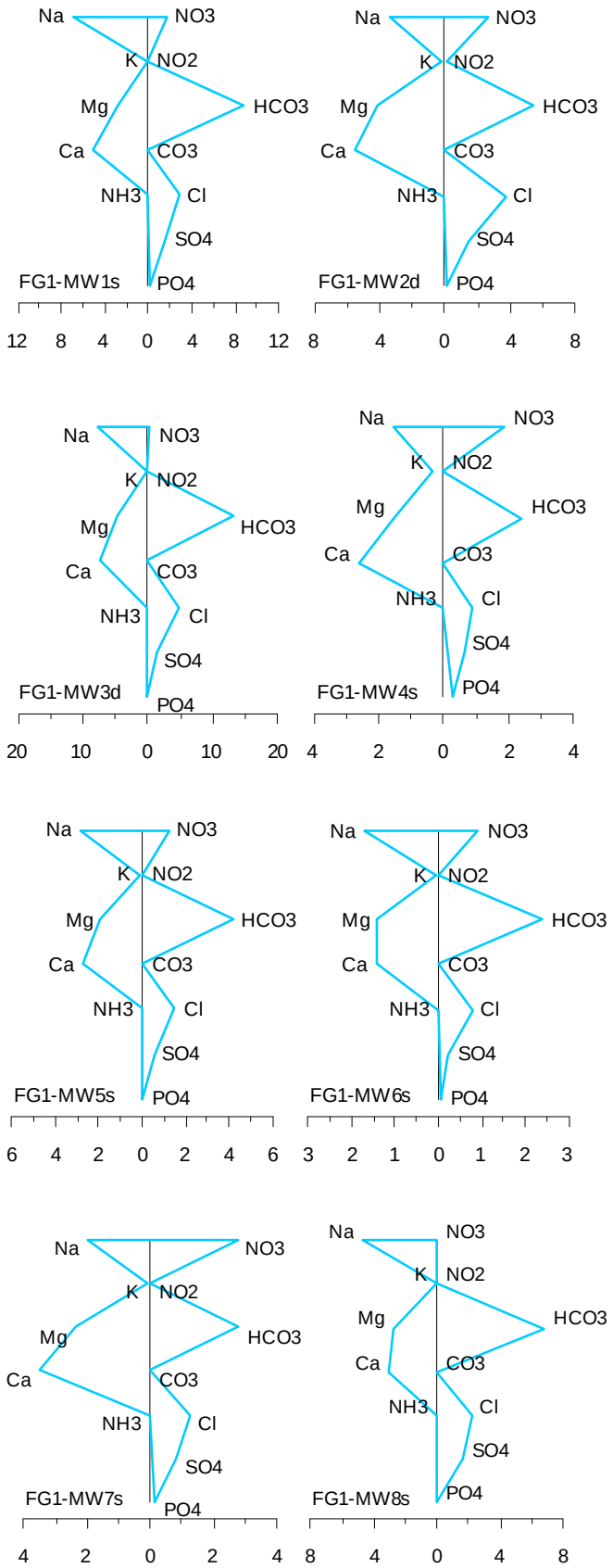
A7-24 BET – ternary diagram, major anions in groundwater samples, August 2012

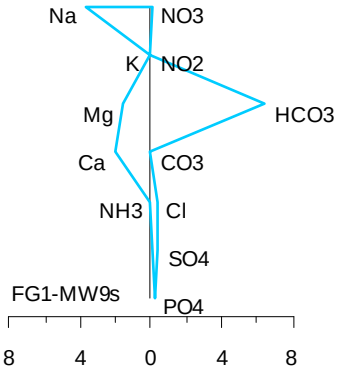


A7-25 FG1 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012

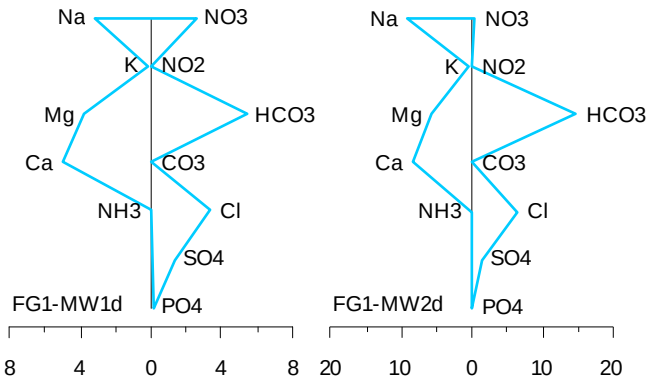


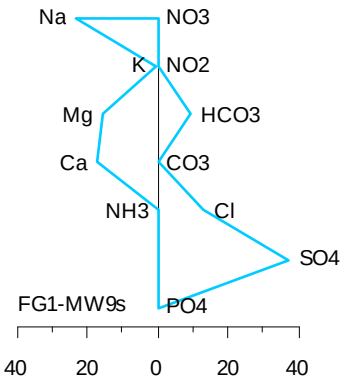
A7-26 FG1 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



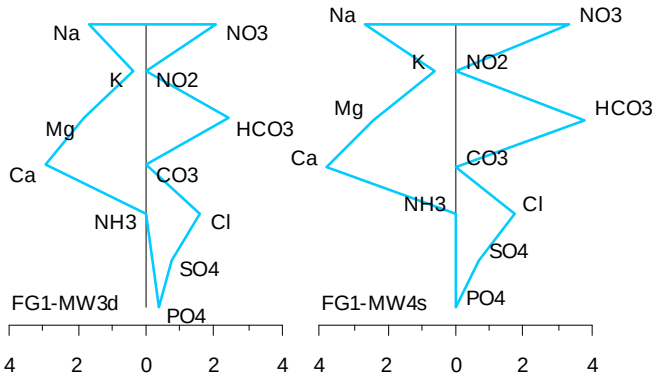


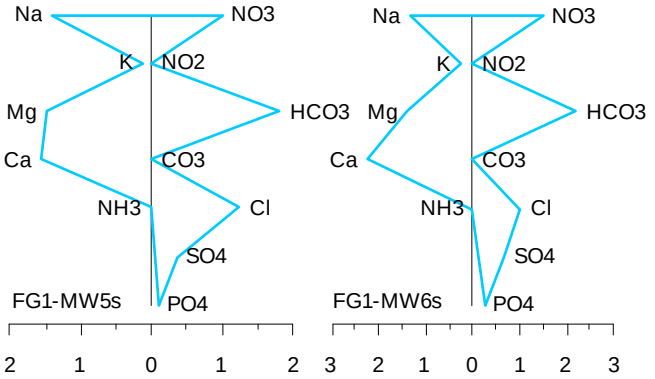
A7-27 FG1 – Stiff diagrams, May 2012

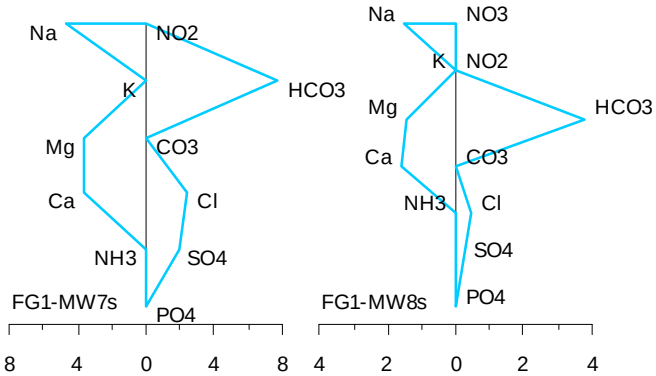


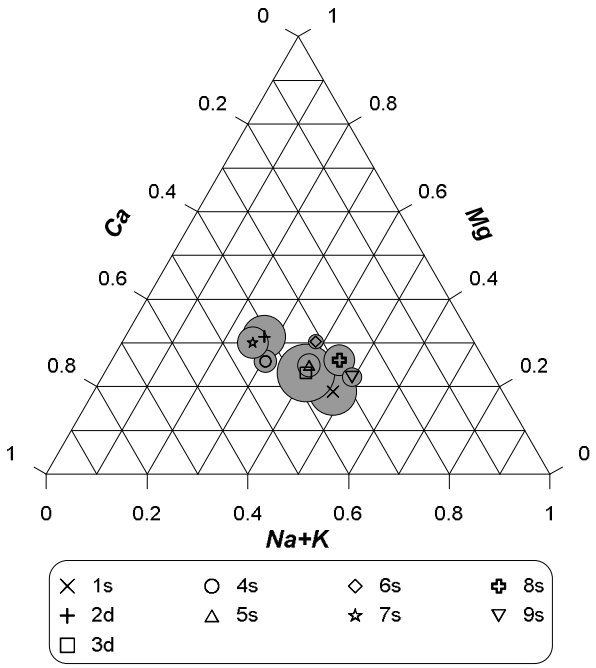


A7-28 FG1 – Stiff diagrams, Auguat 2012

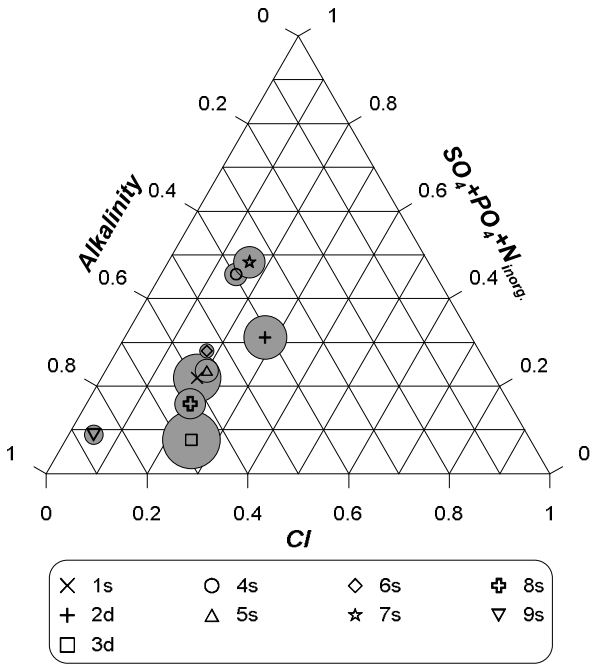




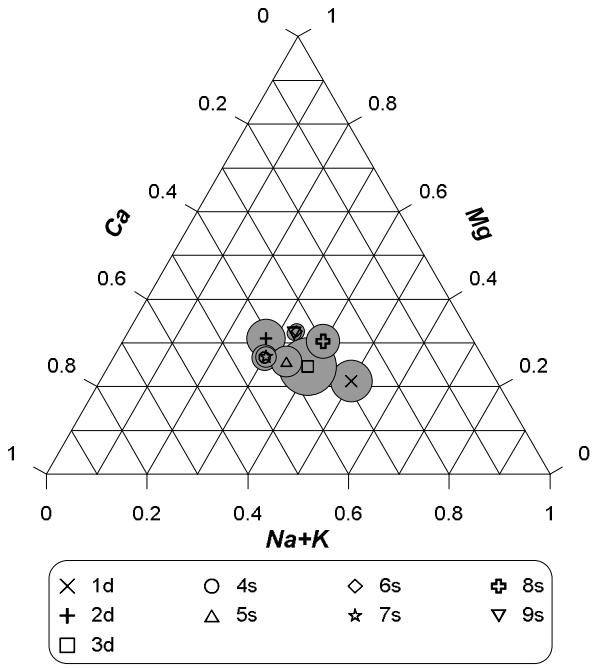




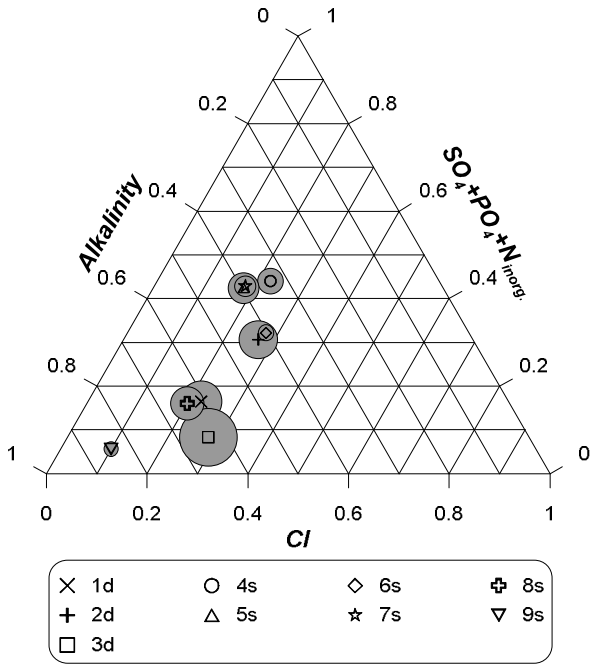
A7-29 FG1 – ternary diagram, major cations in groundwater samples, May 2012



A7-30 FG1 – ternary diagram, major anions in groundwater samples, May 2012

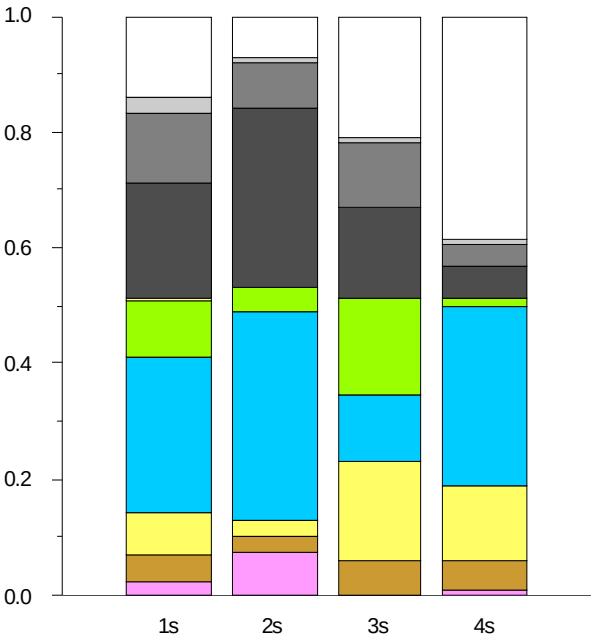


A7-31 FG1 – ternary diagram, major cations in groundwater samples, August 2012

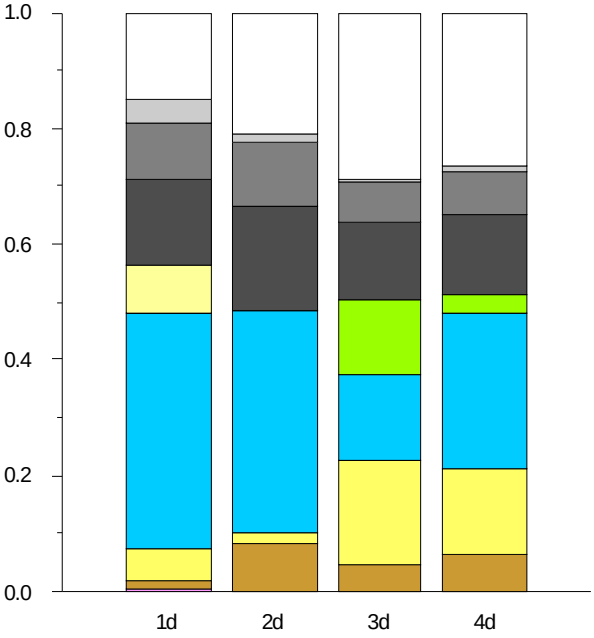


A7-32 FG1 – ternary diagram, major anions in groundwater samples, August 2012

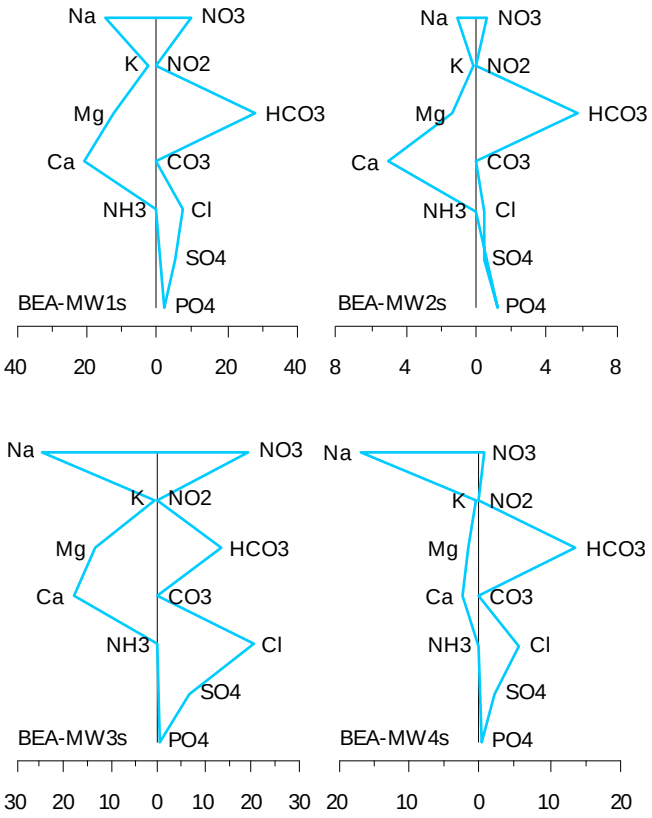
BEA



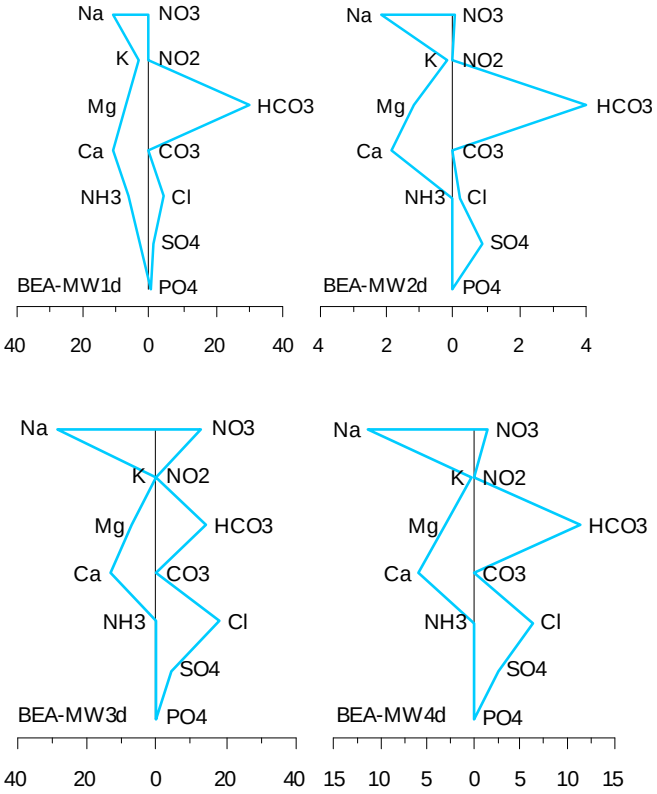
A7-33 BEA – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



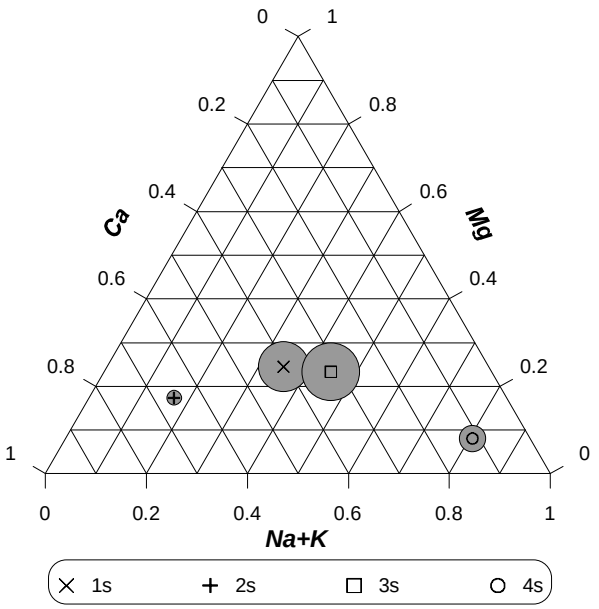
A7-34 BEA – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



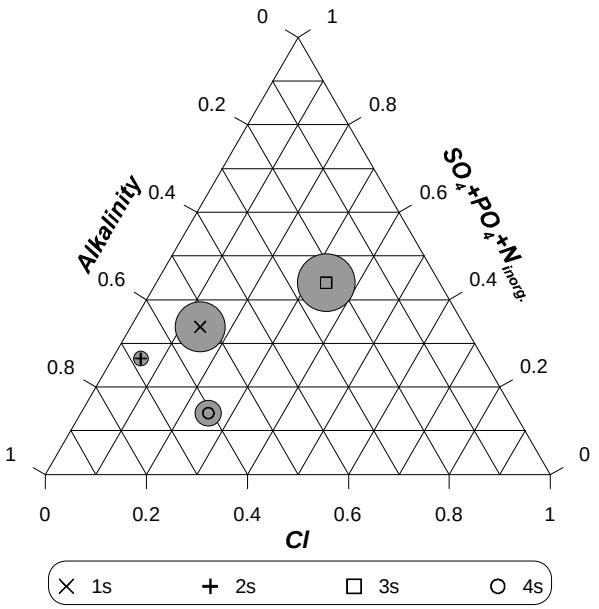
A7-35 BEA – Stiff diagrams, May 2012



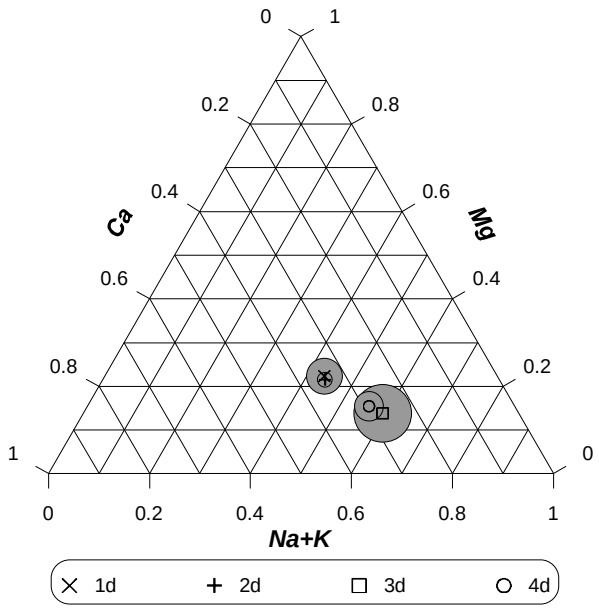
A7-36 BEA – Stiff diagrams, August 2012



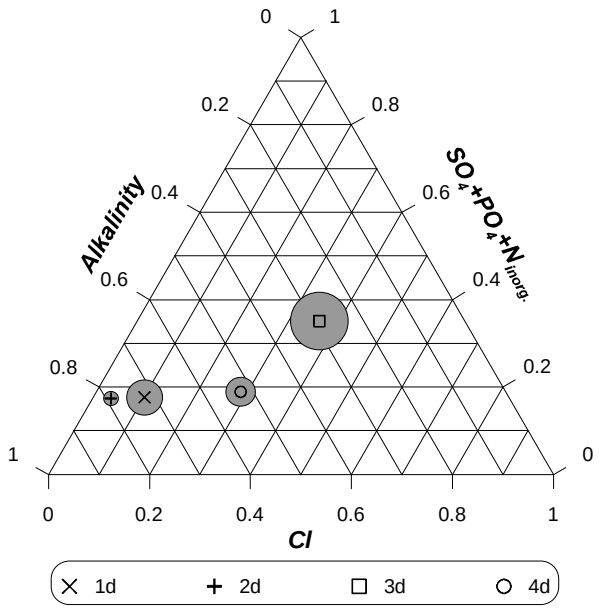
A7-37 BEA – ternary diagram, major cations in groundwater samples, May 2012



A7-38 BEA – ternary diagram, major anions in groundwater samples, May 2012

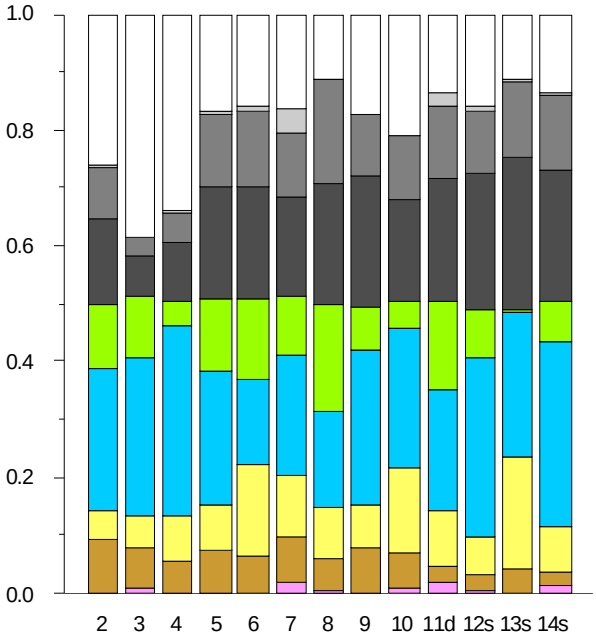


A7-39 BEA – ternary diagram, major cations in groundwater samples, August 2012

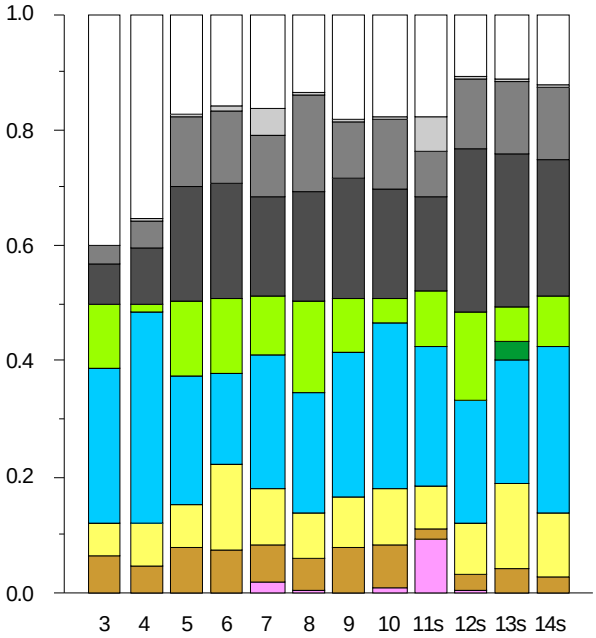


A7-40 BEA – ternary diagram, major anions in groundwater samples, August 2012

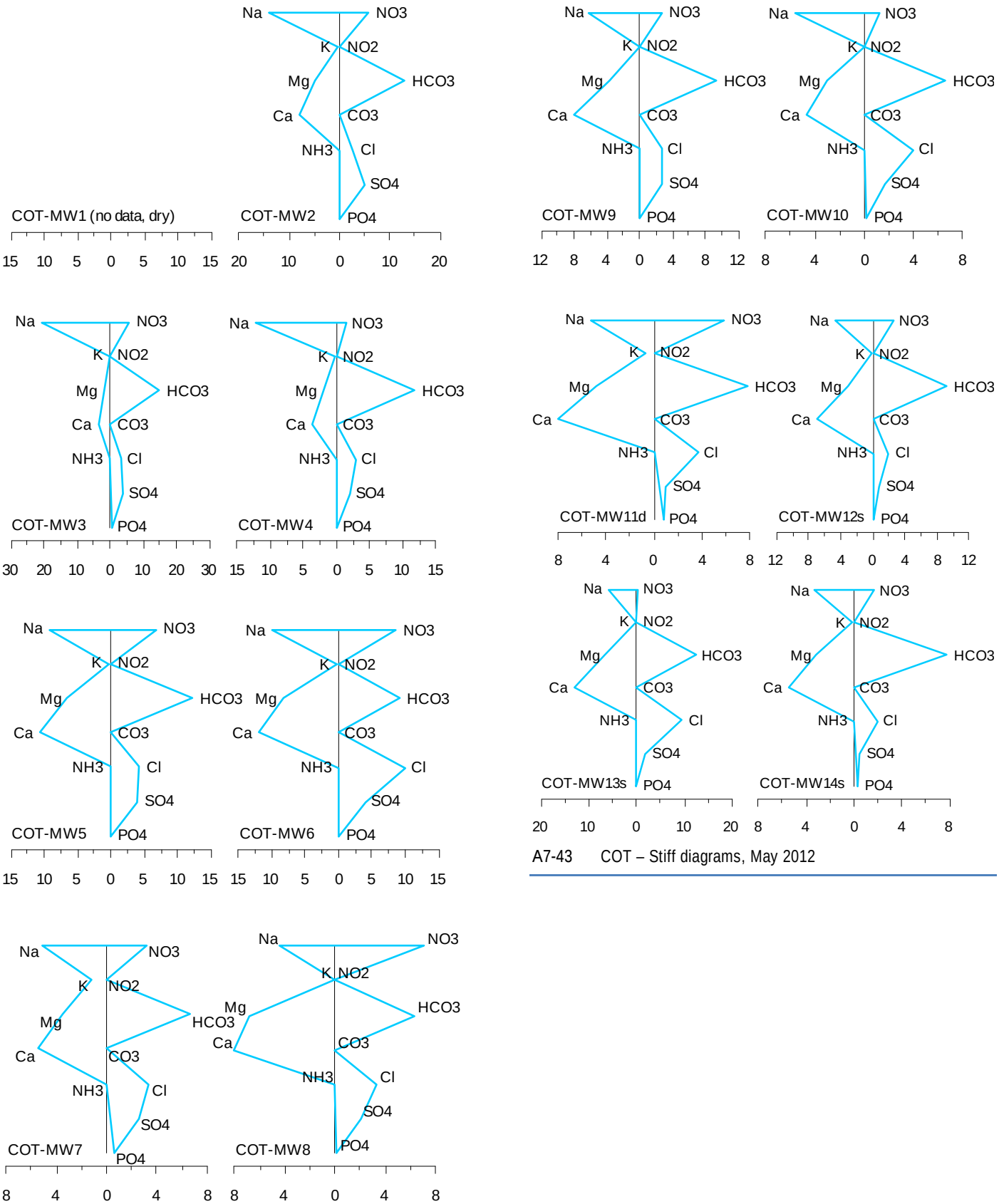
COT



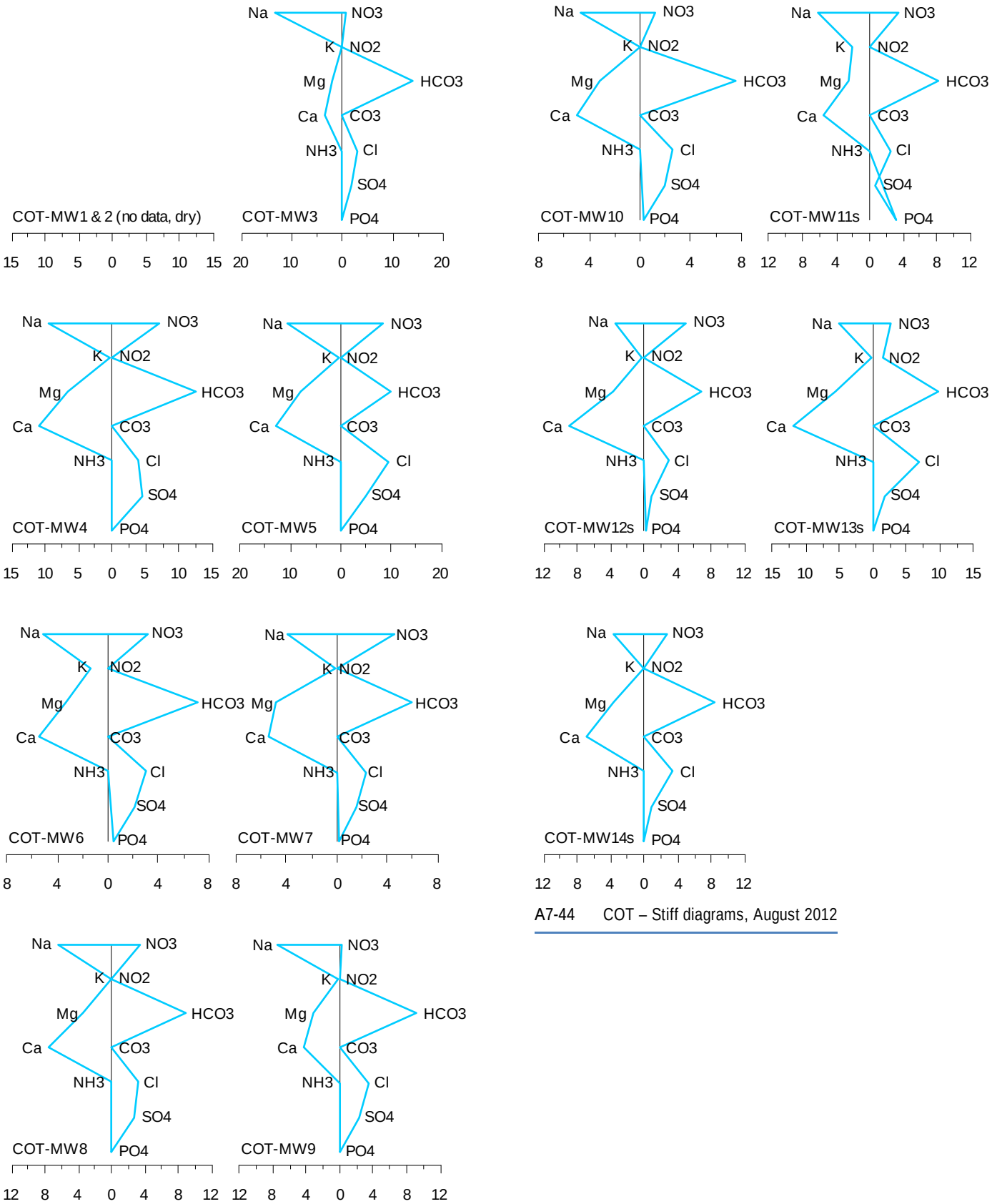
A7-41 COT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



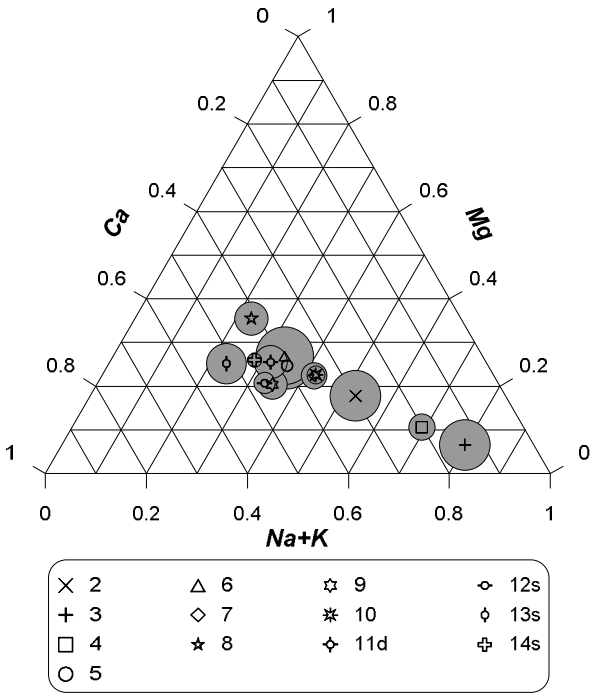
A7-42 COT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



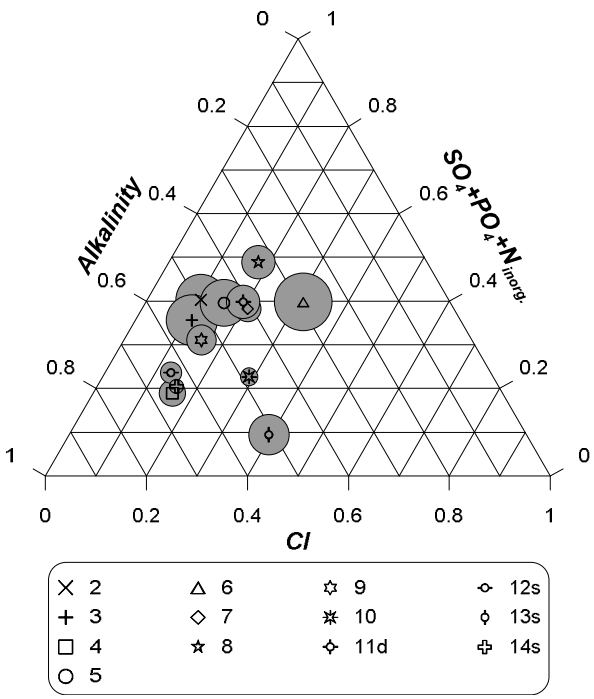
A7-43 COT – Stiff diagrams, May 2012



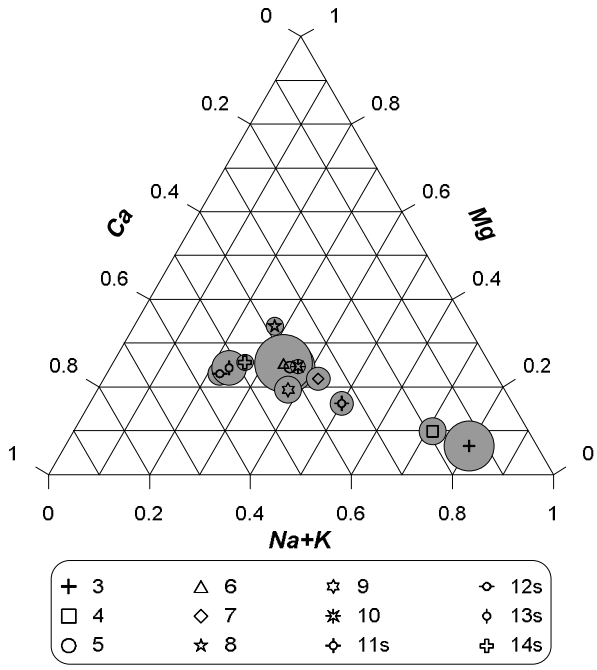
A7-44 COT – Stiff diagrams, August 2012



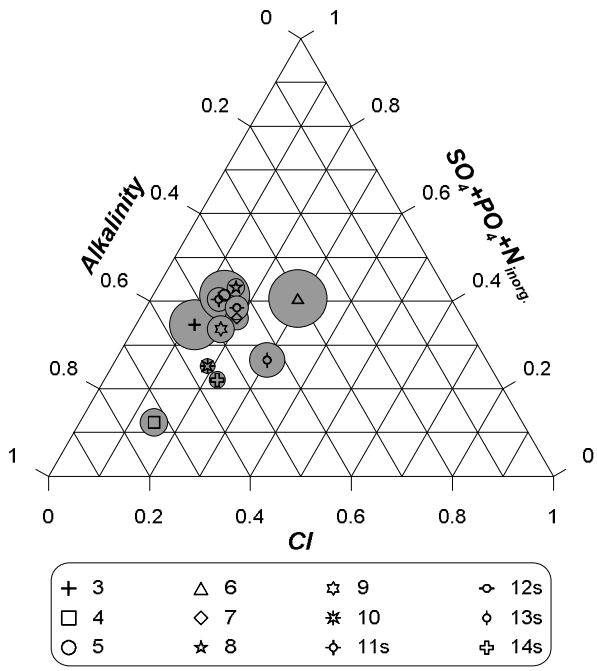
A7-45 COT – ternary diagram, major cations in groundwater samples, May 2012



A7-46 COT – ternary diagram, major anions in groundwater samples, May 2012

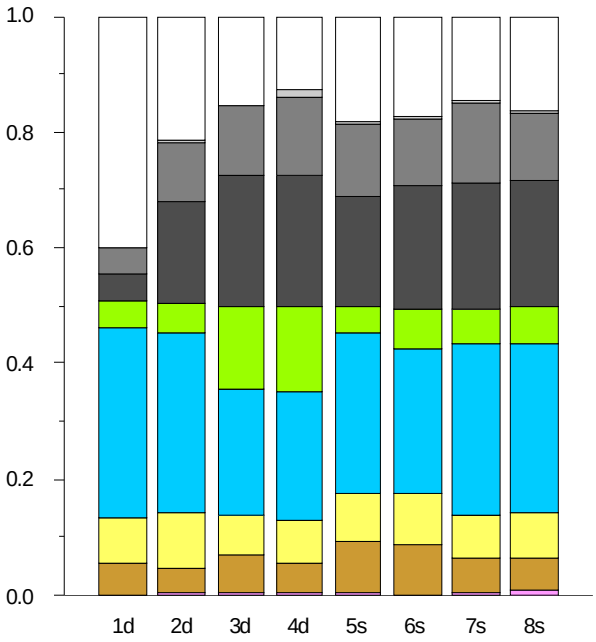


A7-47 COT – ternary diagram, major cations in groundwater samples, August 2012

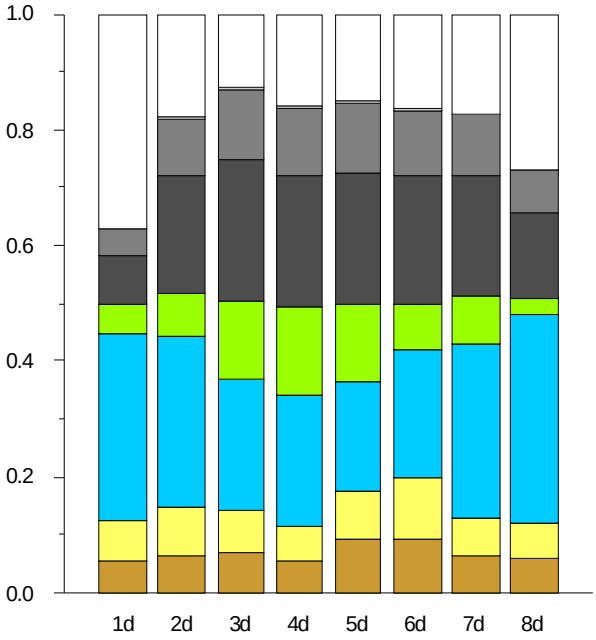


A7-48 COT – ternary diagram, major anions in groundwater samples, August 2012

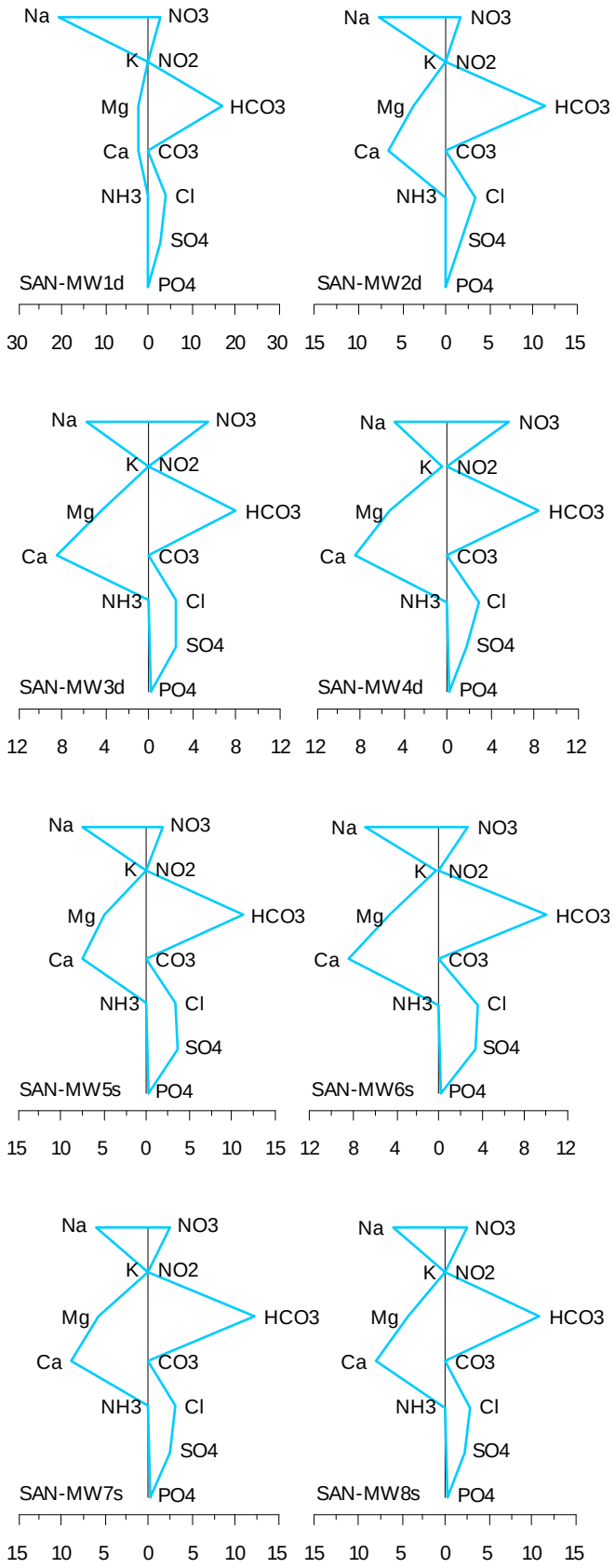
SAN



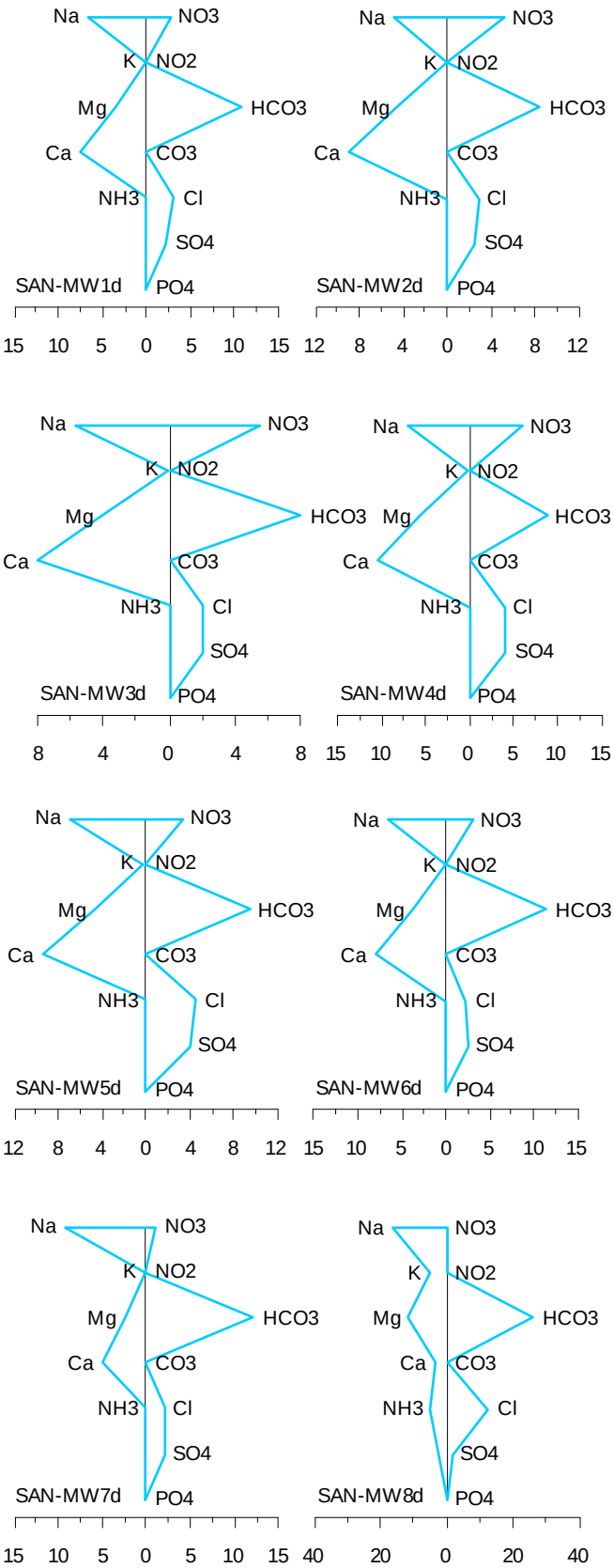
A7-49 SAN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



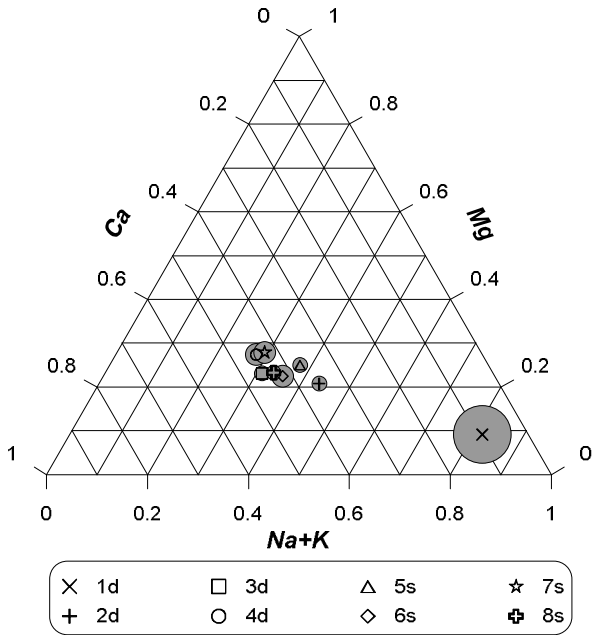
A7-50 SAN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



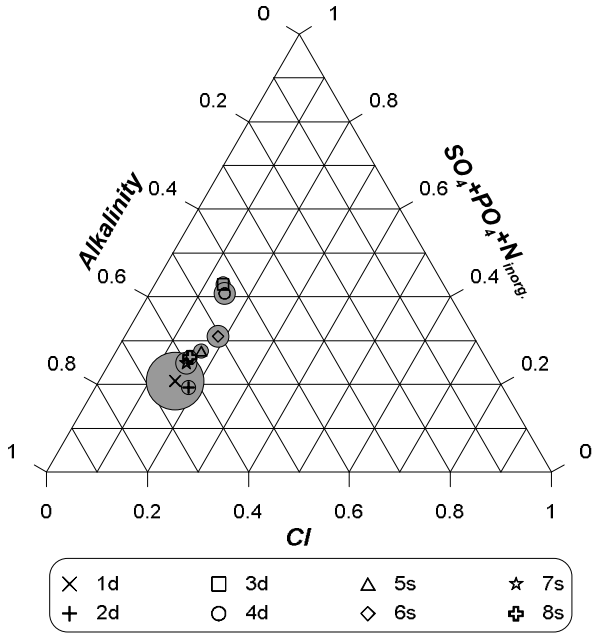
A7-51 SAN – Stiff diagrams, May 2012



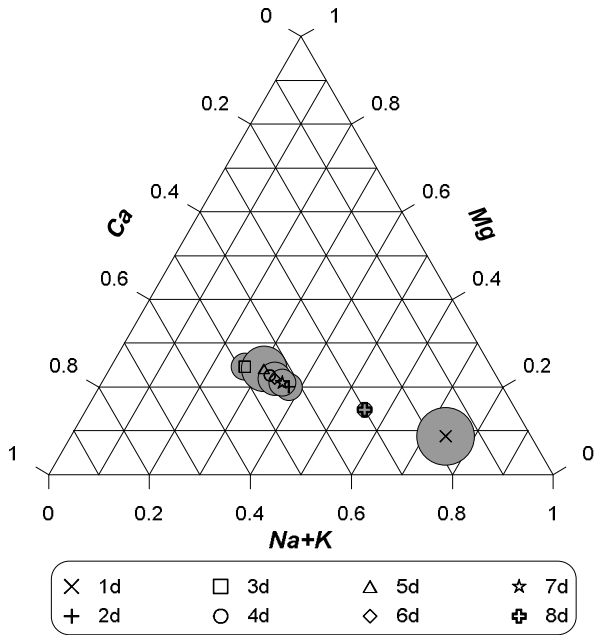
A7-52 SAN – Stiff diagrams, August 2012



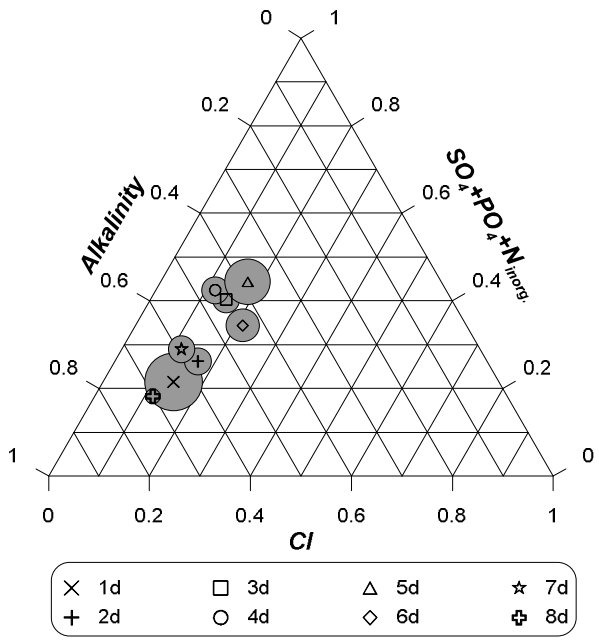
A7-53 SAN – ternary diagram, major cations in groundwater samples, May 2012



A7-54 SAN – ternary diagram, major anions in groundwater samples, May 2012

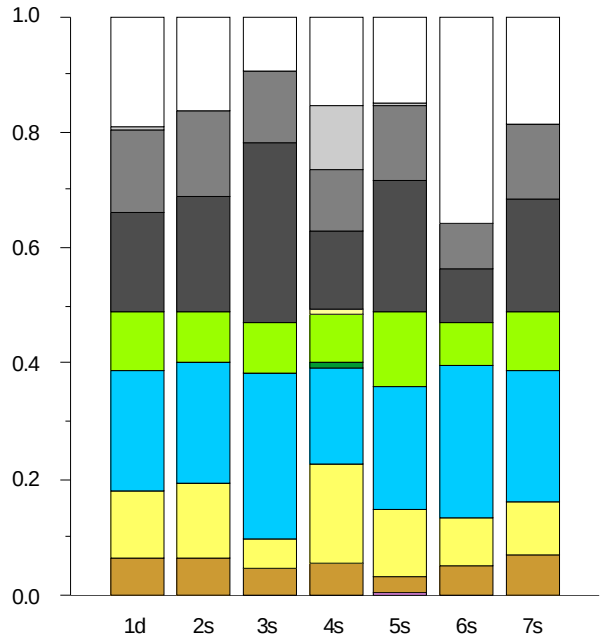


A7-55 SAN – ternary diagram, major cations in groundwater samples, August 2012

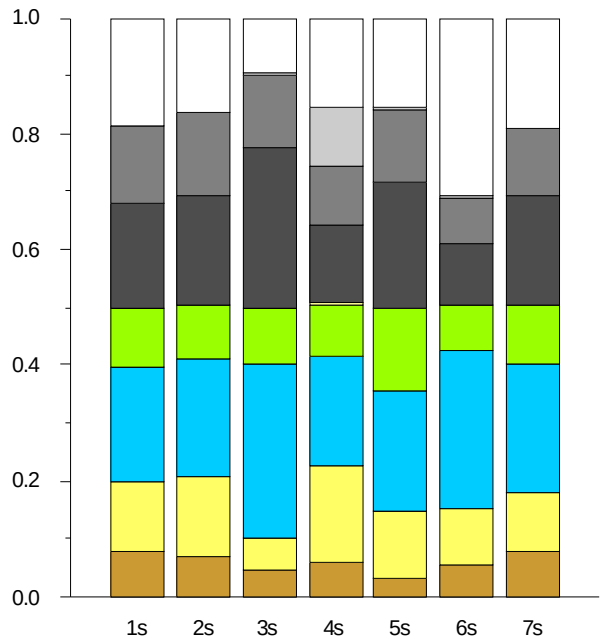


A7-56 SAN – ternary diagram, major anions in groundwater samples, August 2012

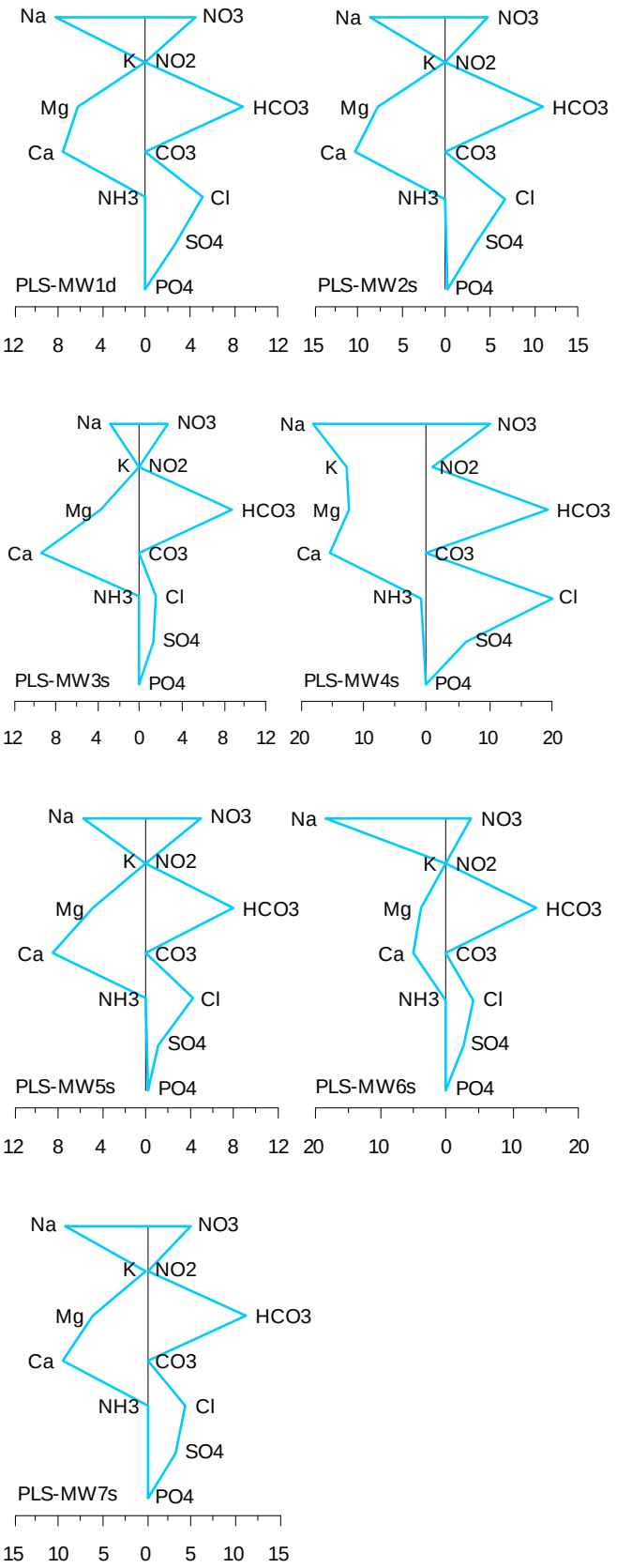
PLS



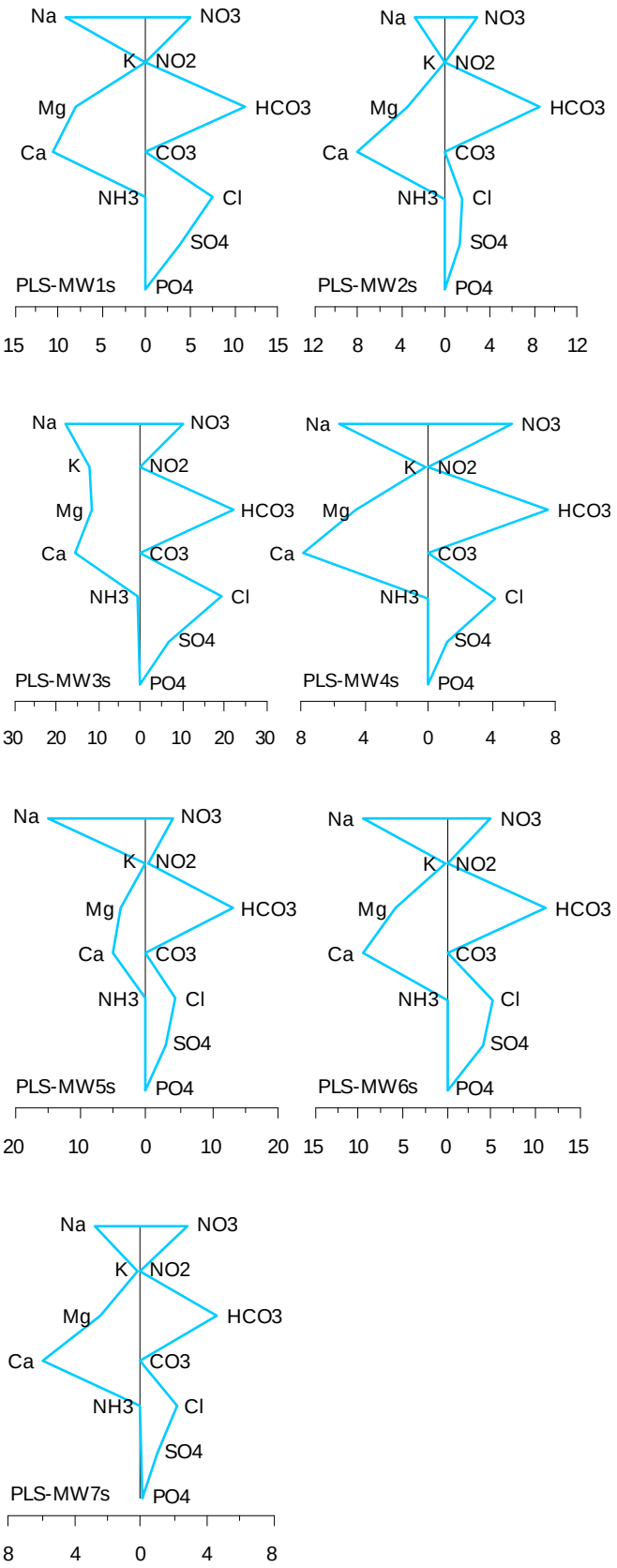
A7-57 PLS - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



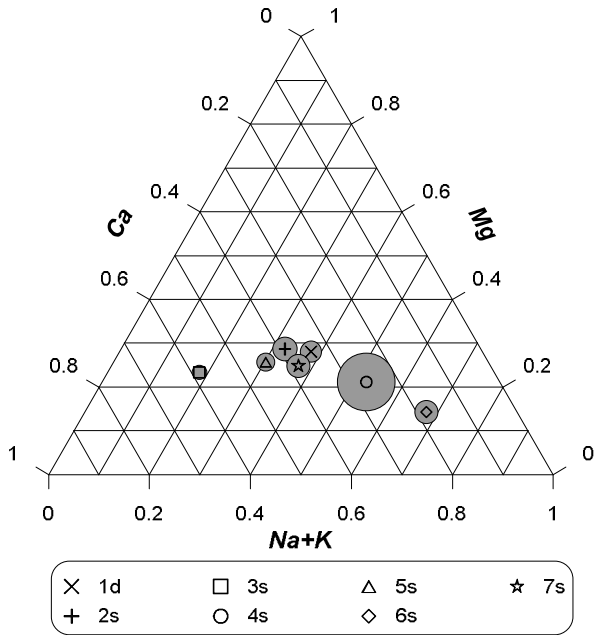
A7-58 PLS - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



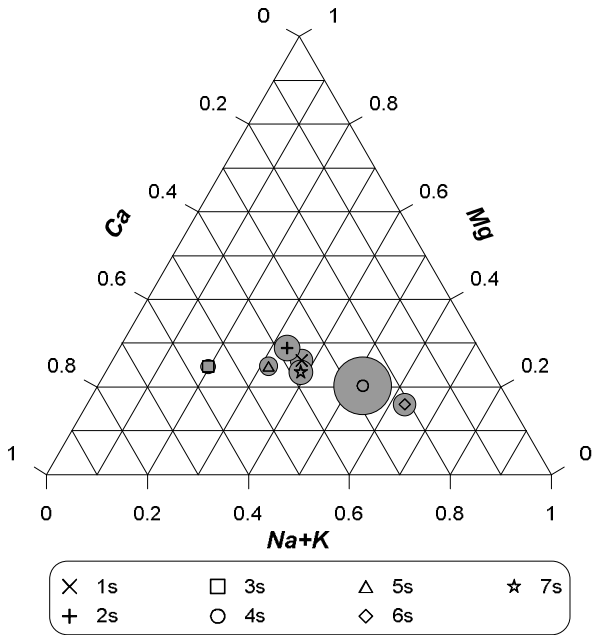
A7-59 PLS – Stiff diagrams, May 2012



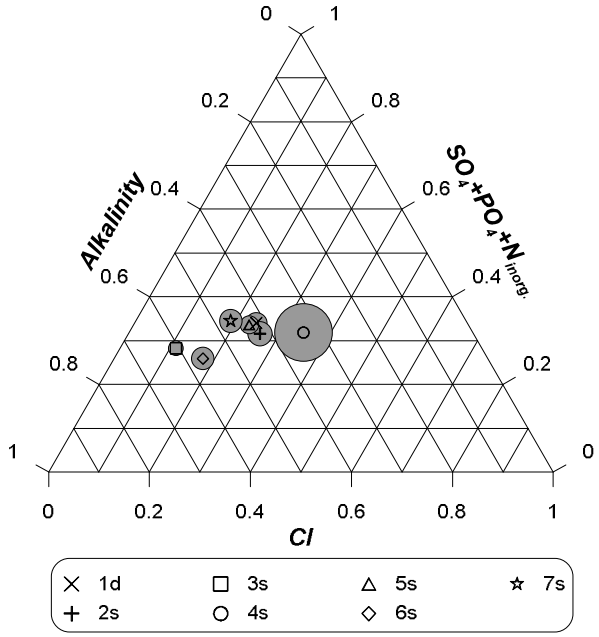
A7-60 PLS – Stiff diagrams, August 2012



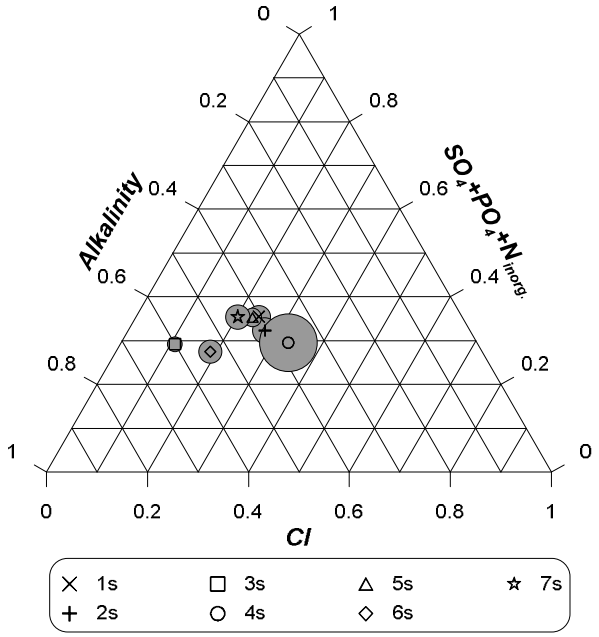
A7-61 PLS – ternary diagram, major cations in groundwater samples, May 2012



A7-63 PLS – ternary diagram, major cations in groundwater samples, August 2012

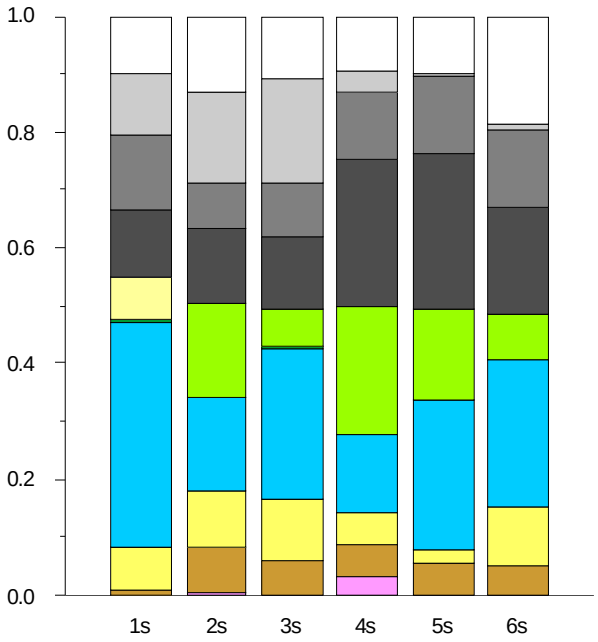


A7-62 PLS – ternary diagram, major anions in groundwater samples, May 2012

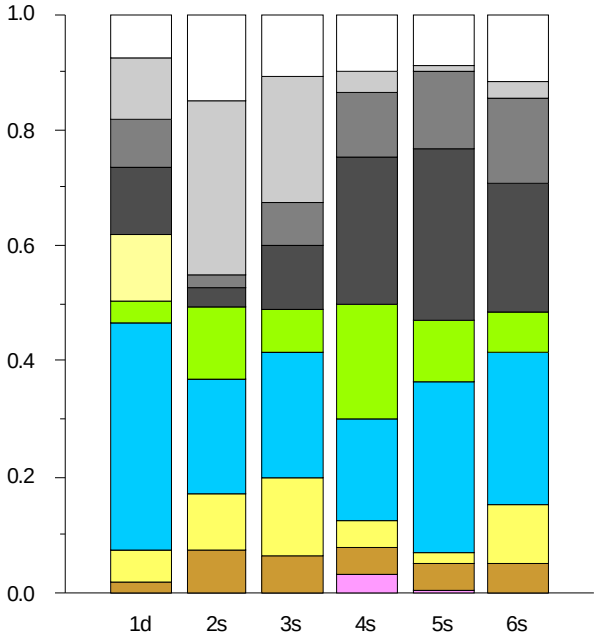


A7-64 PLS – ternary diagram, major anions in groundwater samples, August 2012

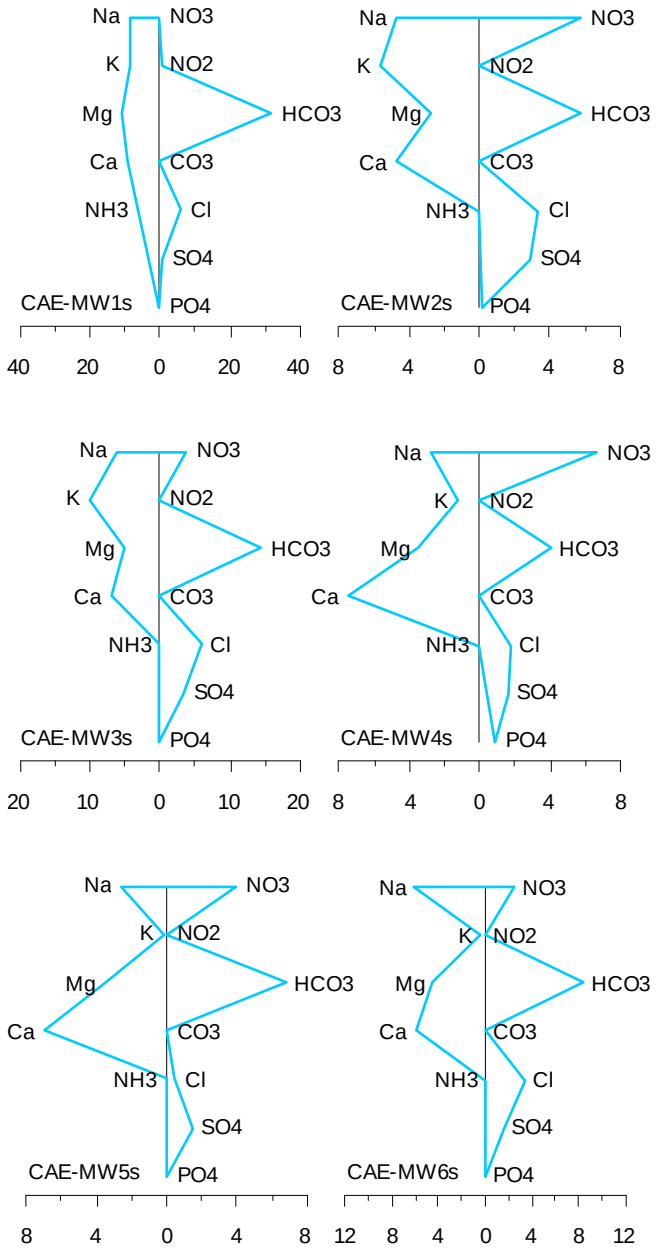
CAE



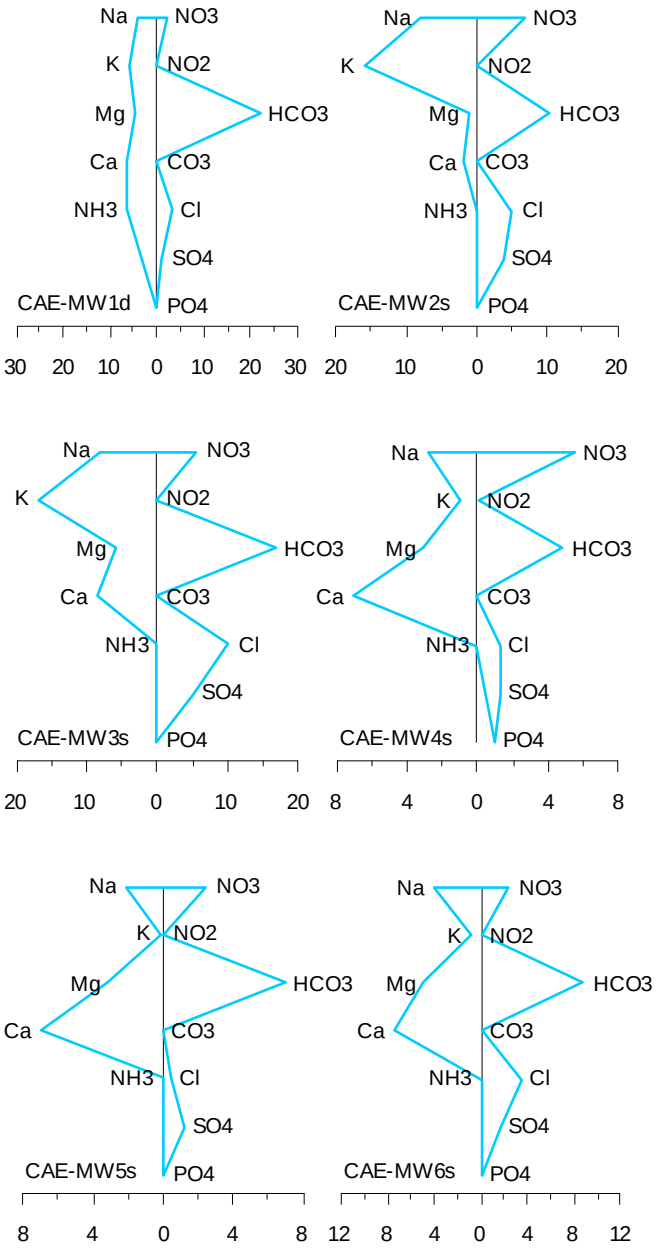
A7-65 CAE - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



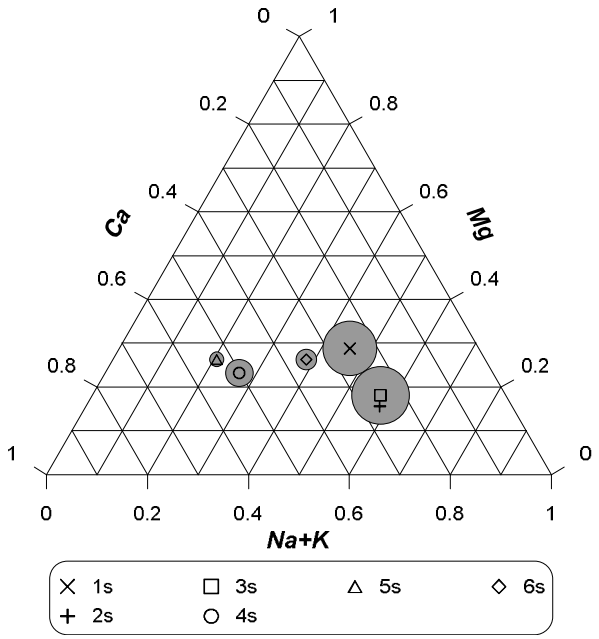
A7-66 CAE - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



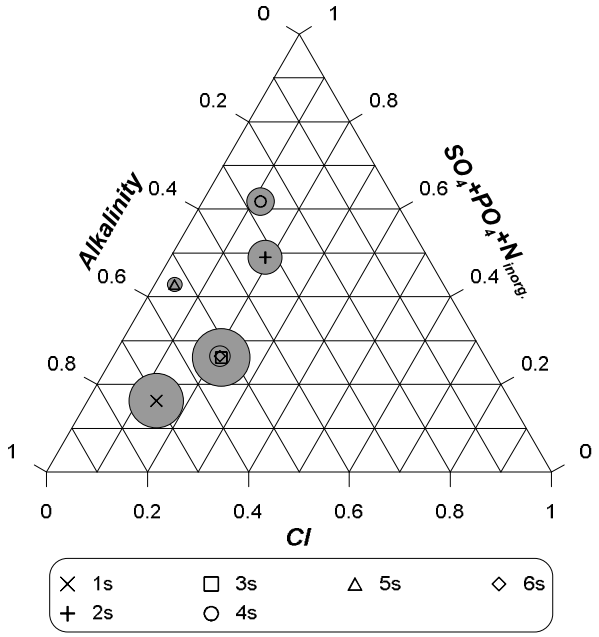
A7-67 CAE – Stiff diagrams, May 2012



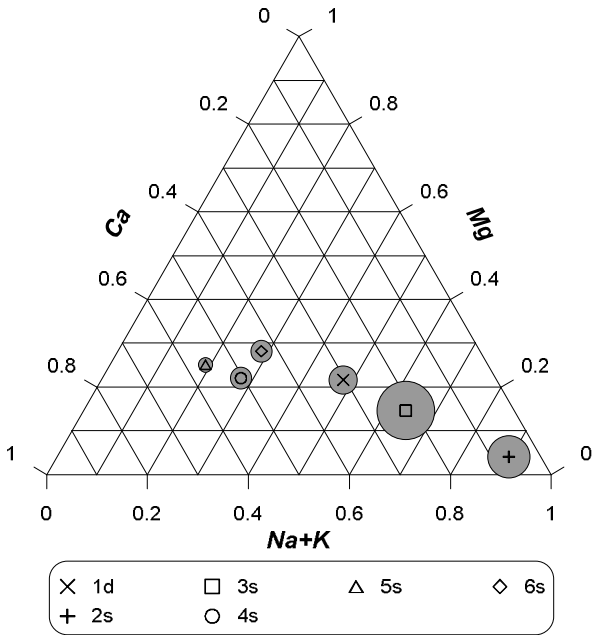
A7-68 CAE – Stiff diagrams, August 2012



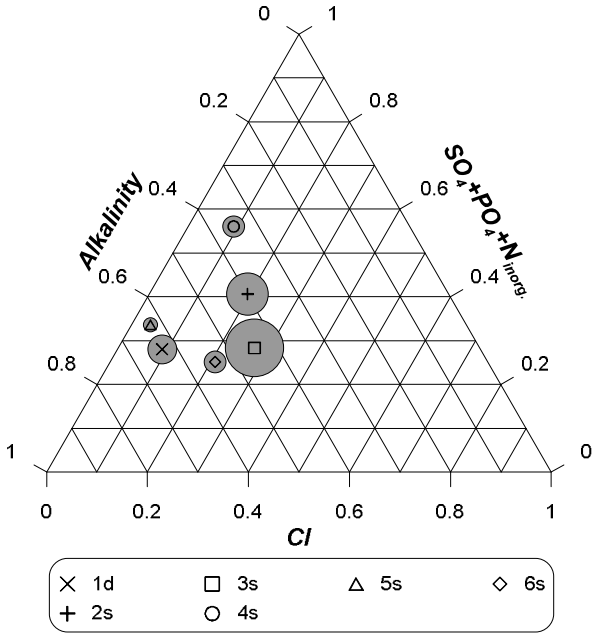
A7-69 CAE – ternary diagram, major cations in groundwater samples, May 2012



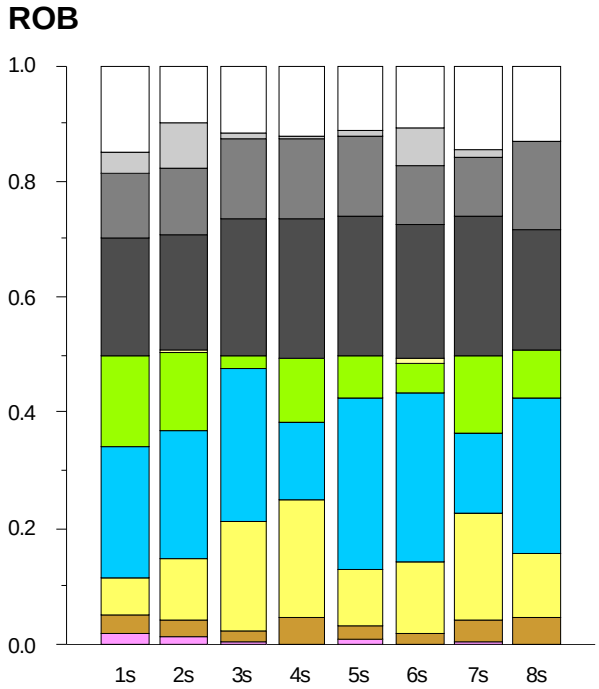
A7-70 CAE – ternary diagram, major anions in groundwater samples, May 2012



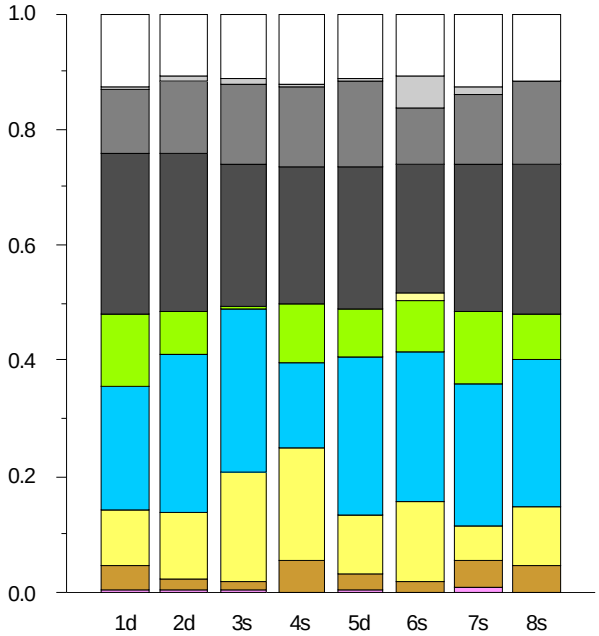
A7-71 CAE – ternary diagram, major cations in groundwater samples, August 2012



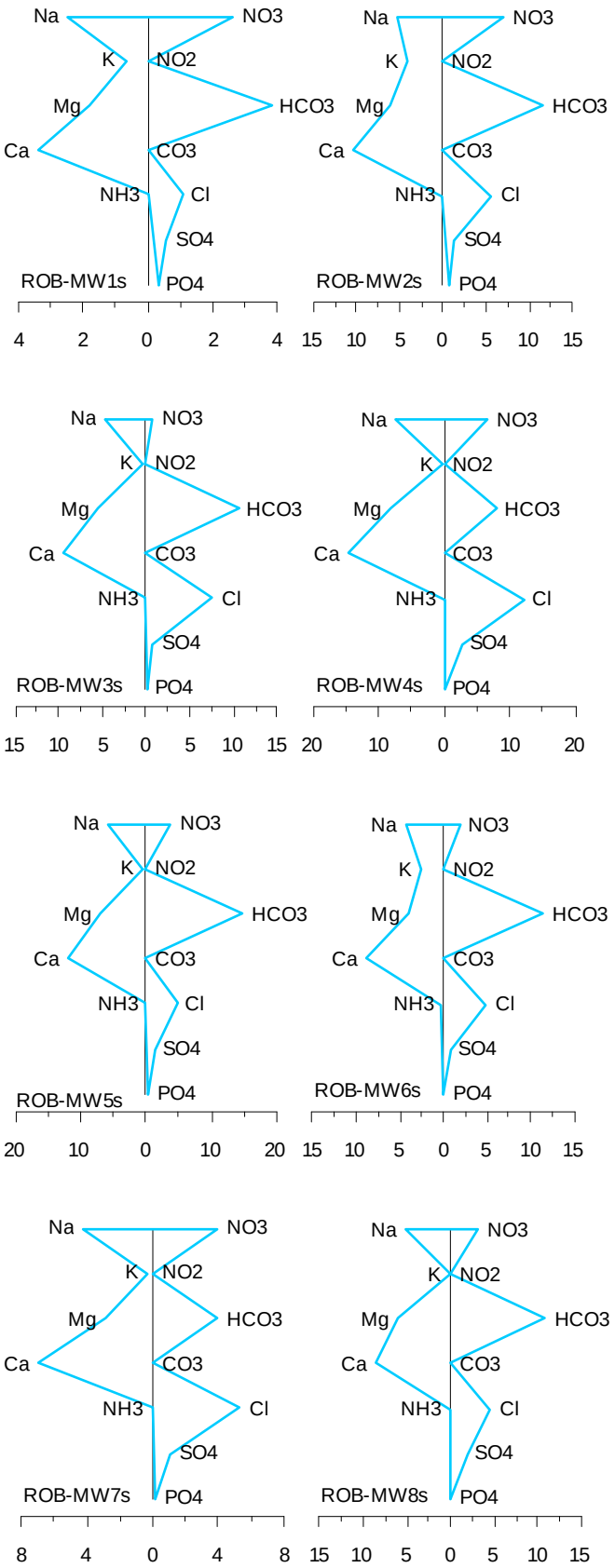
A7-72 CAE – ternary diagram, major anions in groundwater samples, August 2012



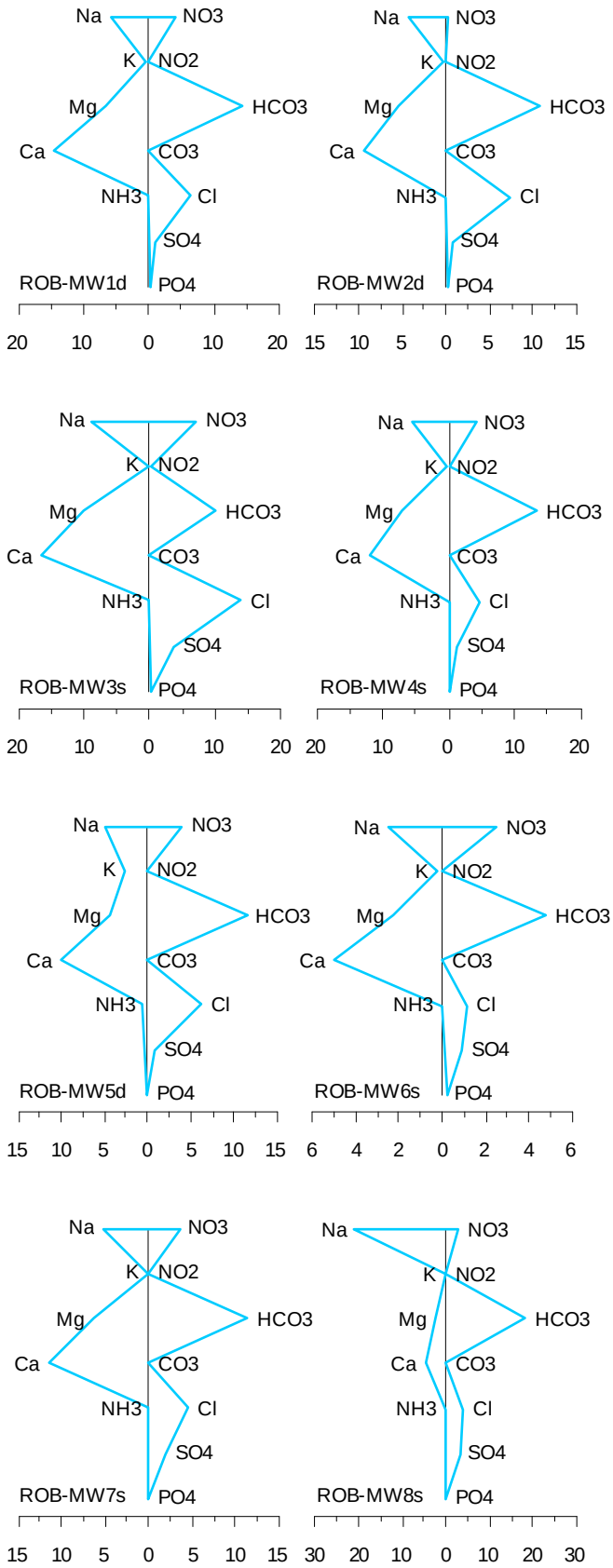
A7-73 ROB - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



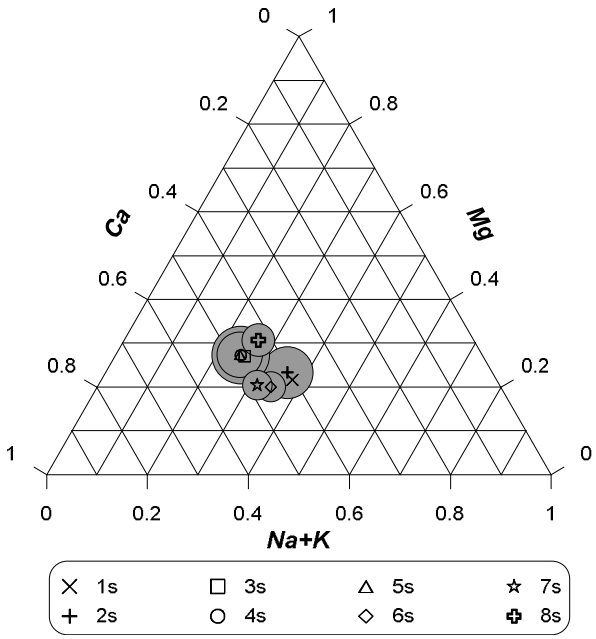
A7-74 ROB - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



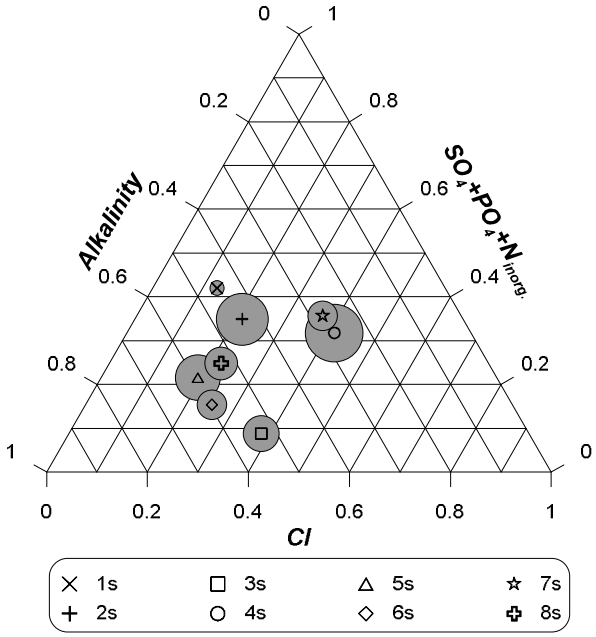
A7-75 ROB – Stiff diagrams, May 2012



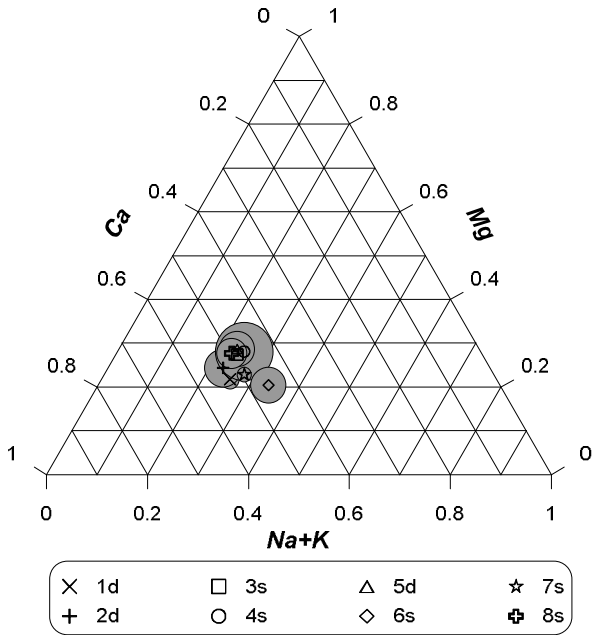
A7-76 ROB – Stiff diagrams, August 2012



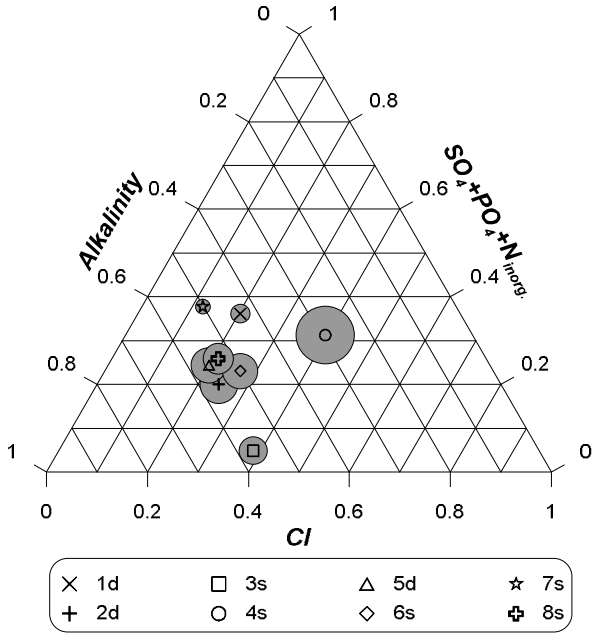
A7-77 ROB – ternary diagram, major cations in groundwater samples, May 2012



A7-78 ROB – ternary diagram, major anions in groundwater samples, May 2012

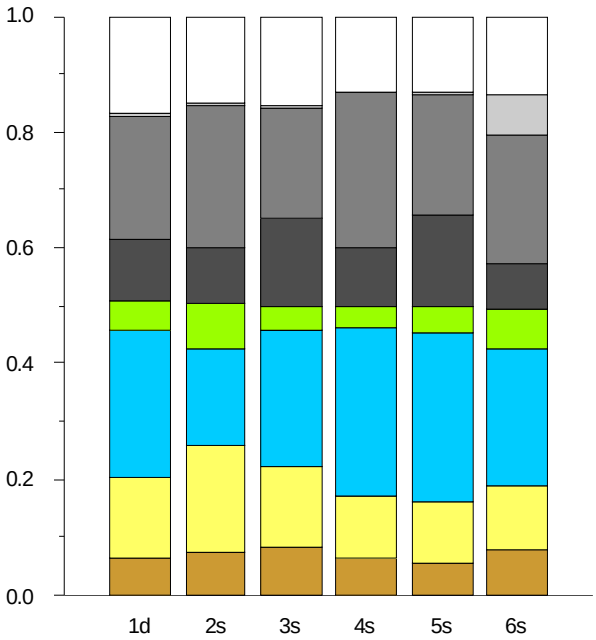


A7-79 ROB – ternary diagram, major cations in groundwater samples, August 2012

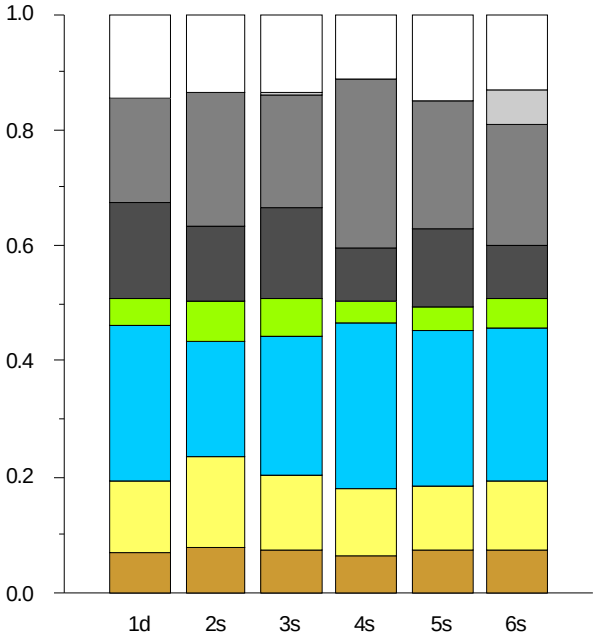


A7-80 ROB – ternary diagram, major anions in groundwater samples, August 2012

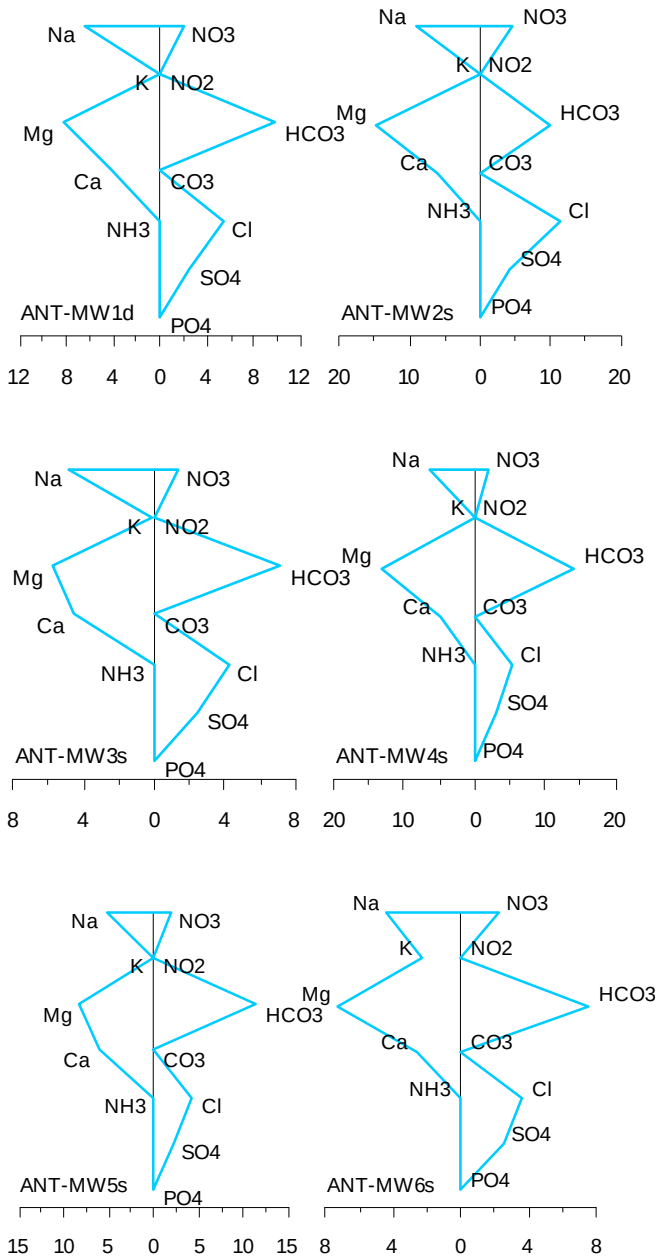
ANT



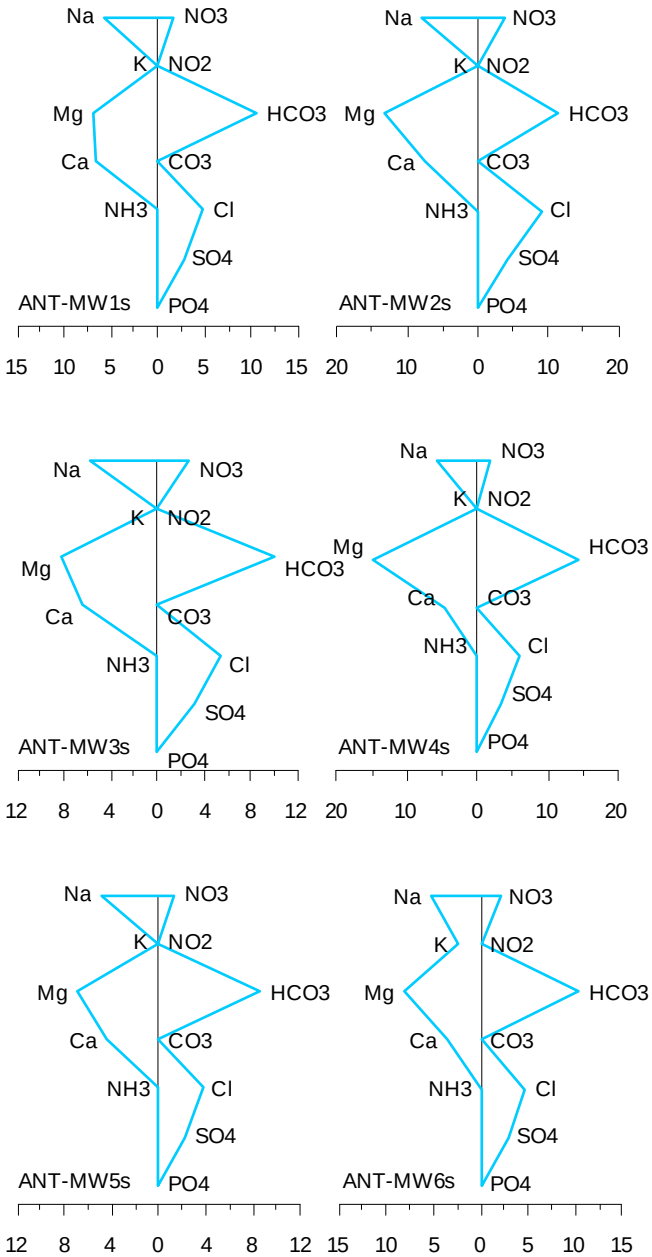
A7-81 ANT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



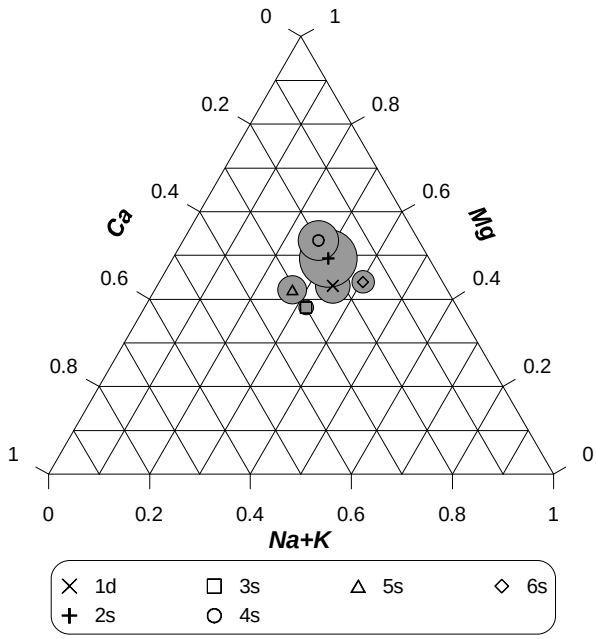
A7-82 ANT – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



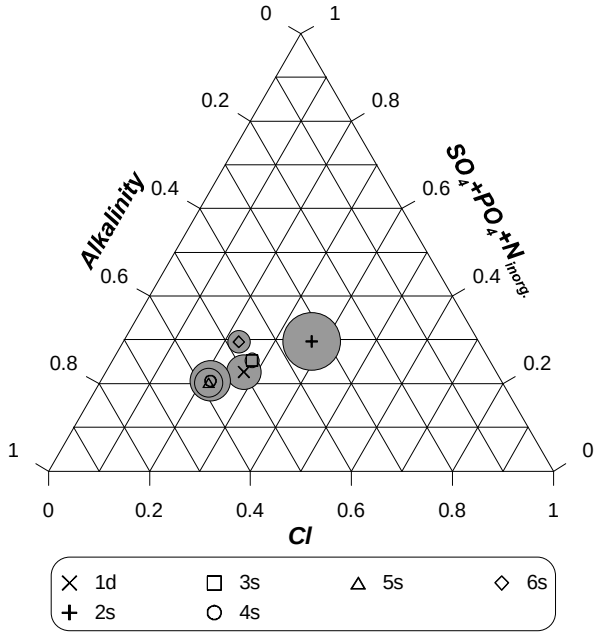
A7-83 ANT – Stiff diagrams, May 2012



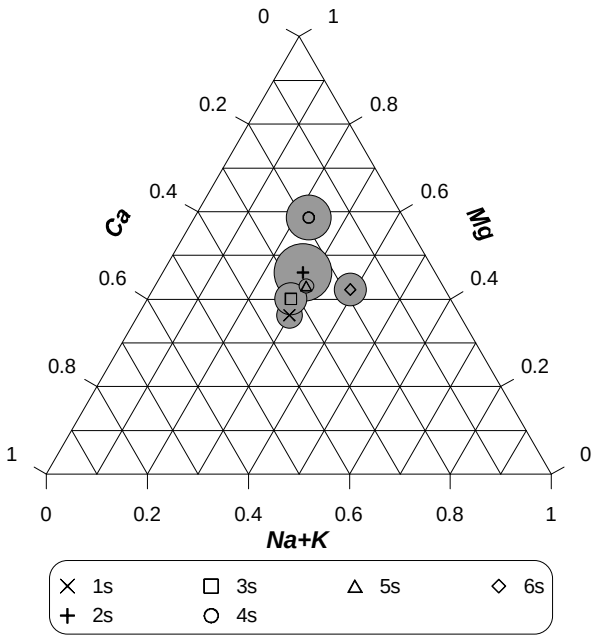
A7-84 ANT – Stiff diagrams, August 2012



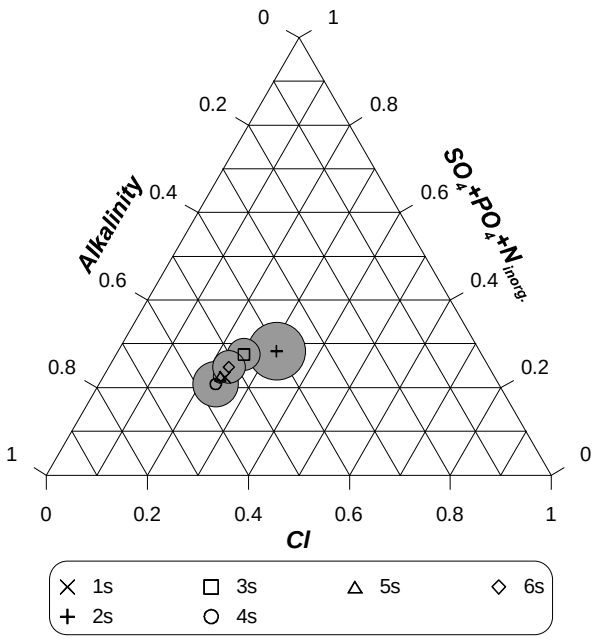
A7-85 ANT – ternary diagram, major cations in groundwater samples, May 2012



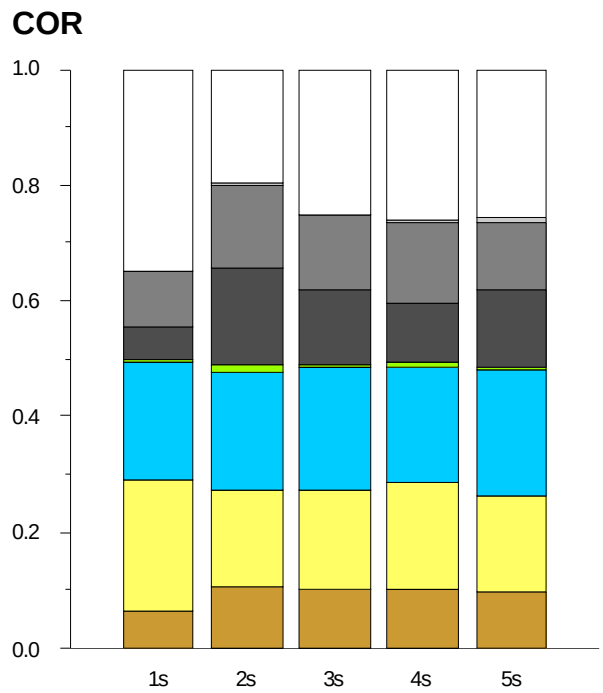
A7-86 ANT – ternary diagram, major anions in groundwater samples, May 2012



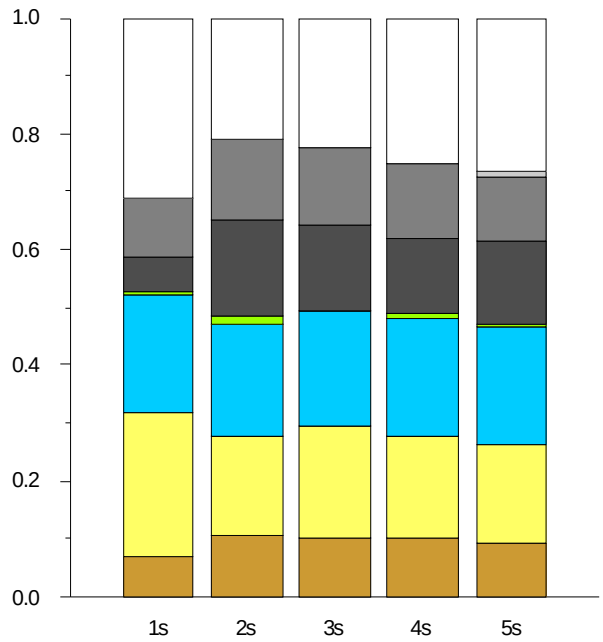
A7-87 ANT – ternary diagram, major cations in groundwater samples, August 2012



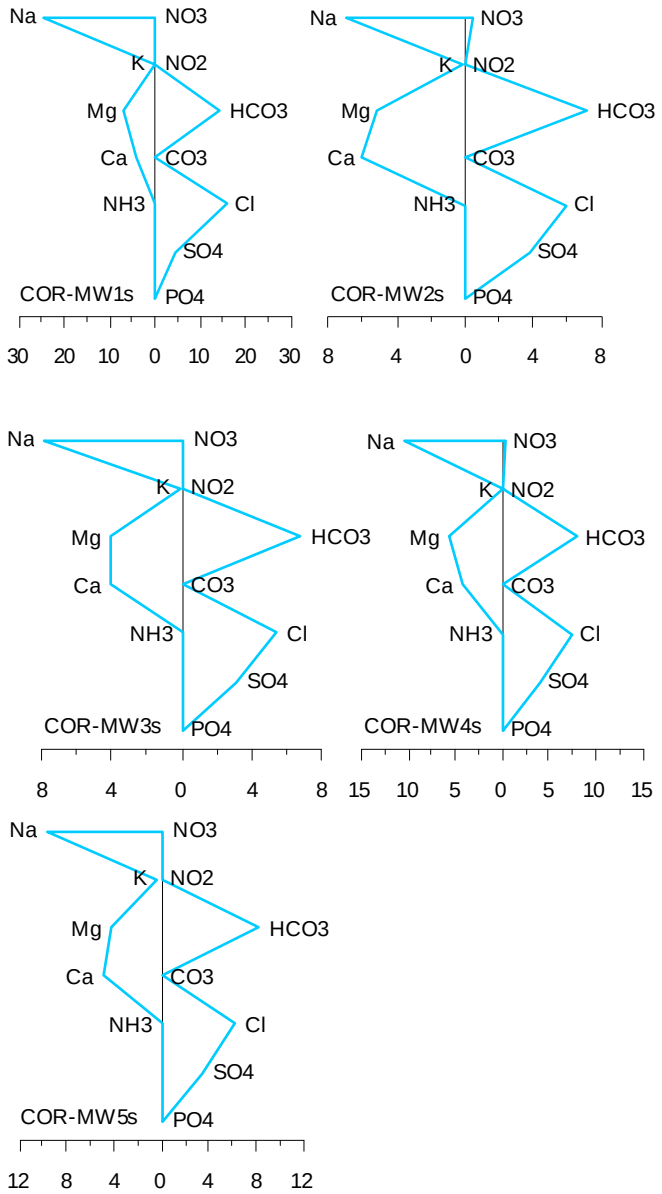
A7-88 ANT – ternary diagram, major anions in groundwater samples, August 2012



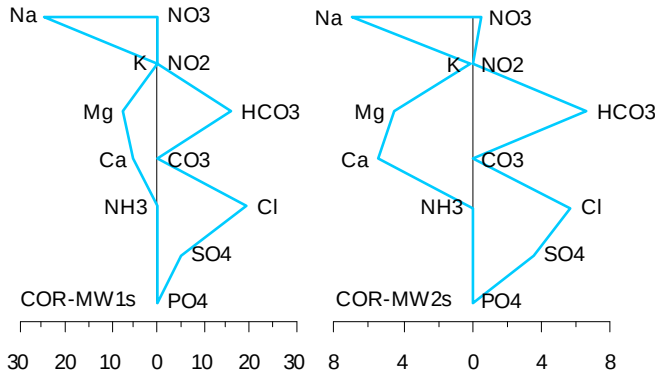
A7-89 COR – stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012

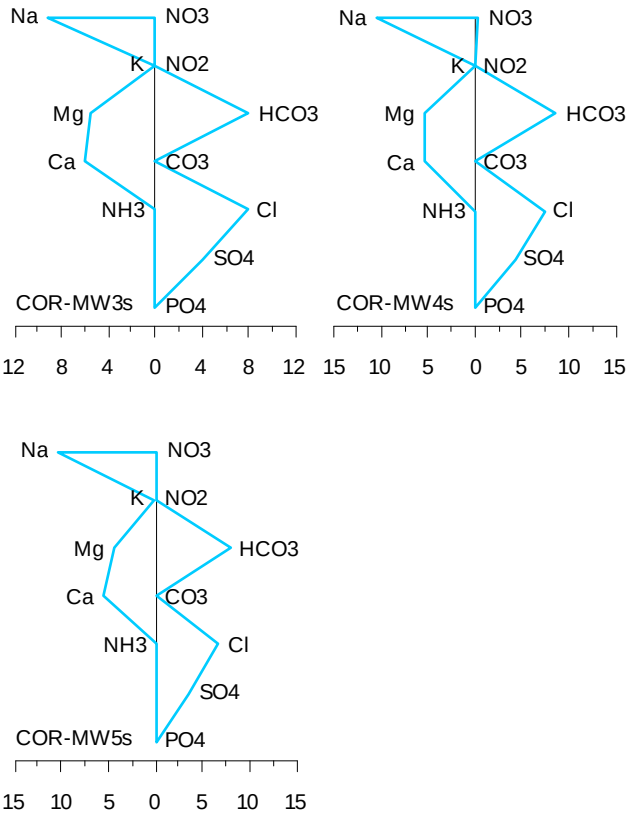


A7-90 COR – stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012

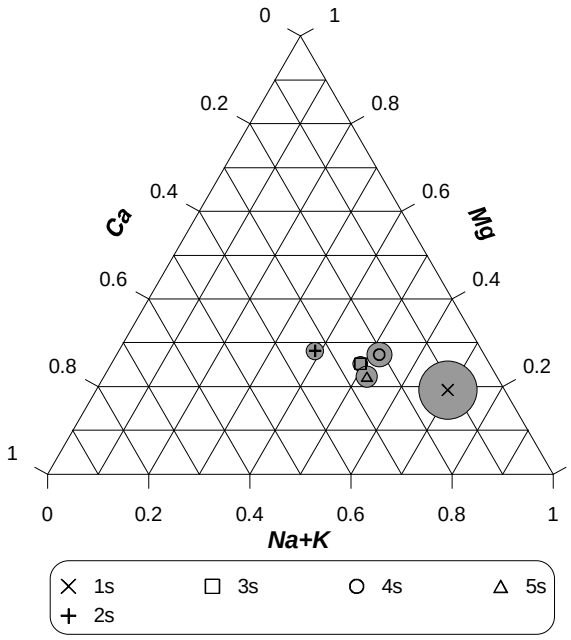


A7-91 COR – Stiff diagrams, May 2012

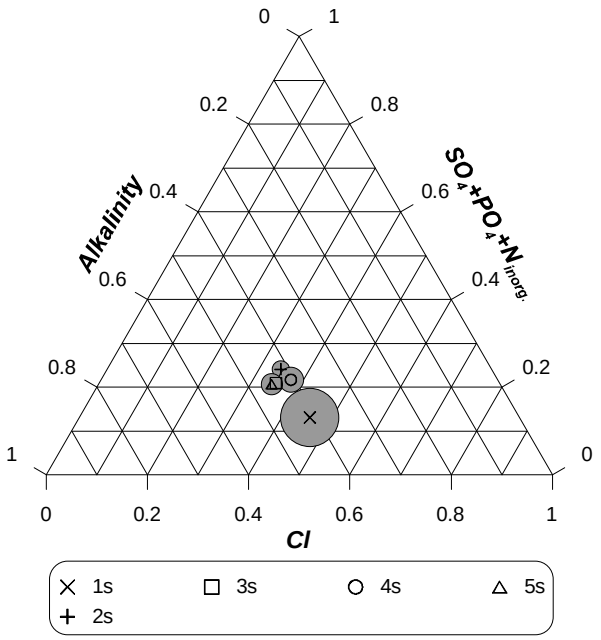




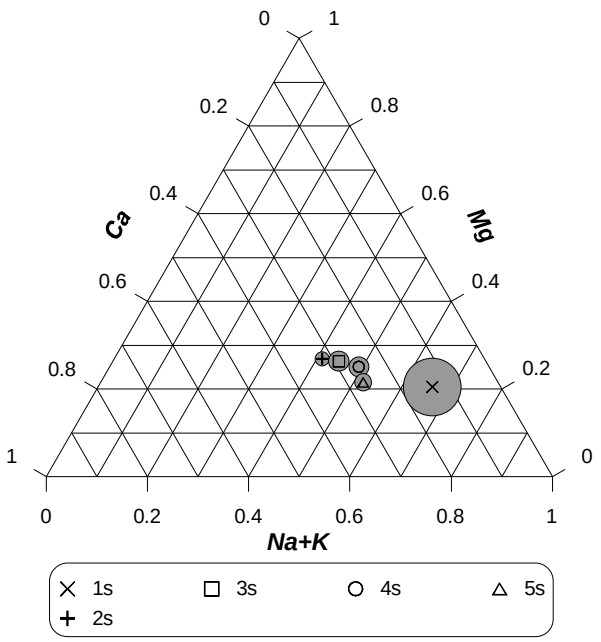
A7-92 COR – Stiff diagrams, August 2012



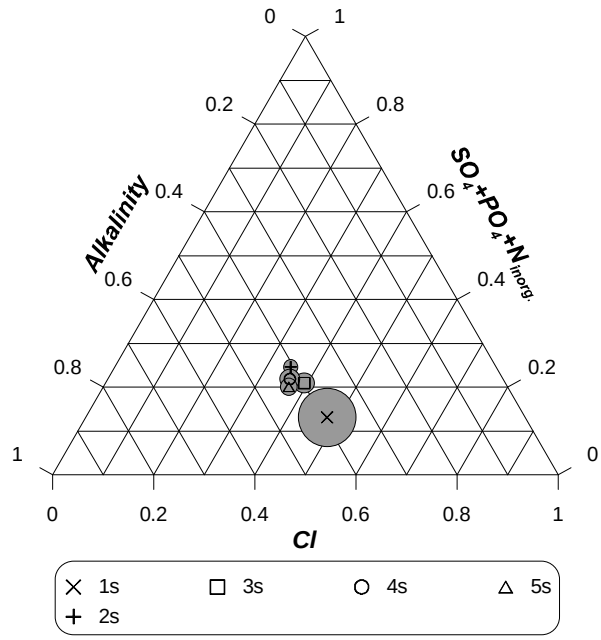
A7-93 COR – ternary diagram, major cations in groundwater samples, May 2012



A7-94 COR – ternary diagram, major anions in groundwater samples, May 2012

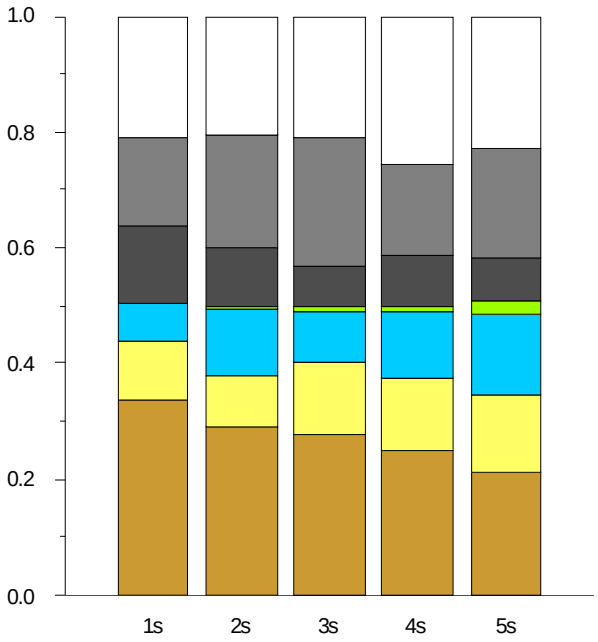


A7-95 COR – ternary diagram, major cations in groundwater samples, August 2012

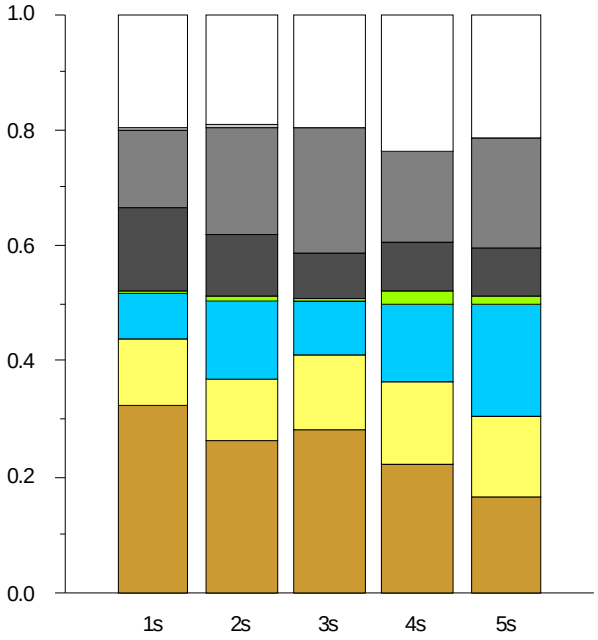


A7-96 COR – ternary diagram, major anions in groundwater samples, August 2012

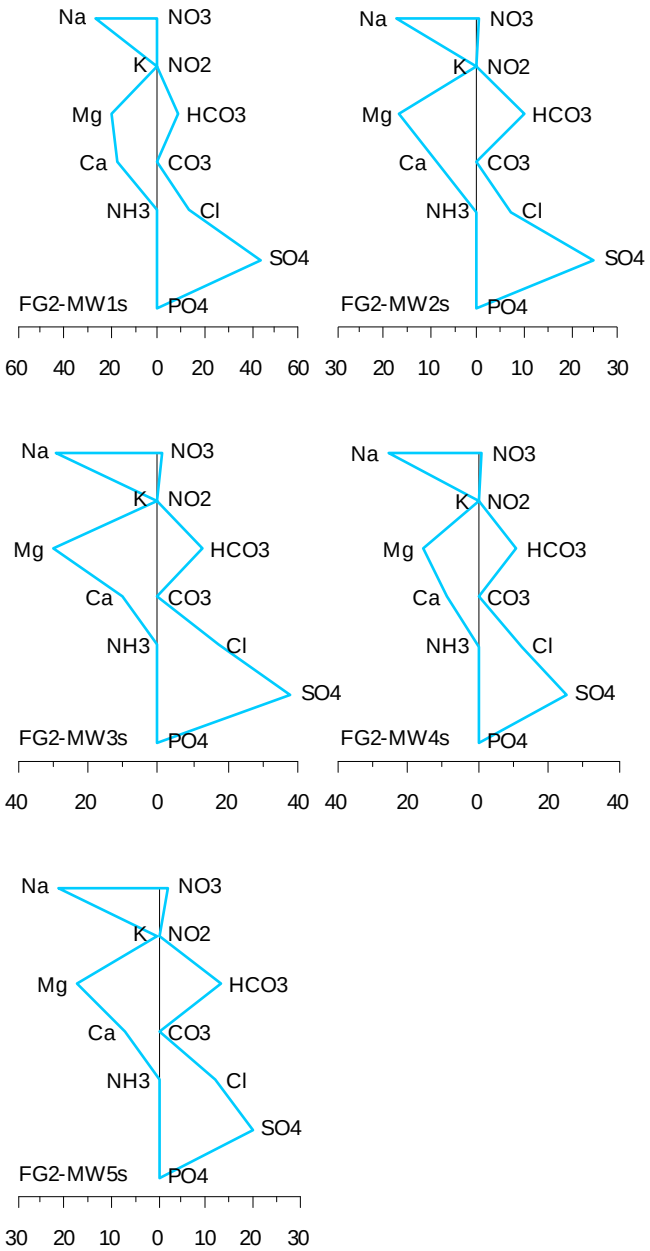
FG2



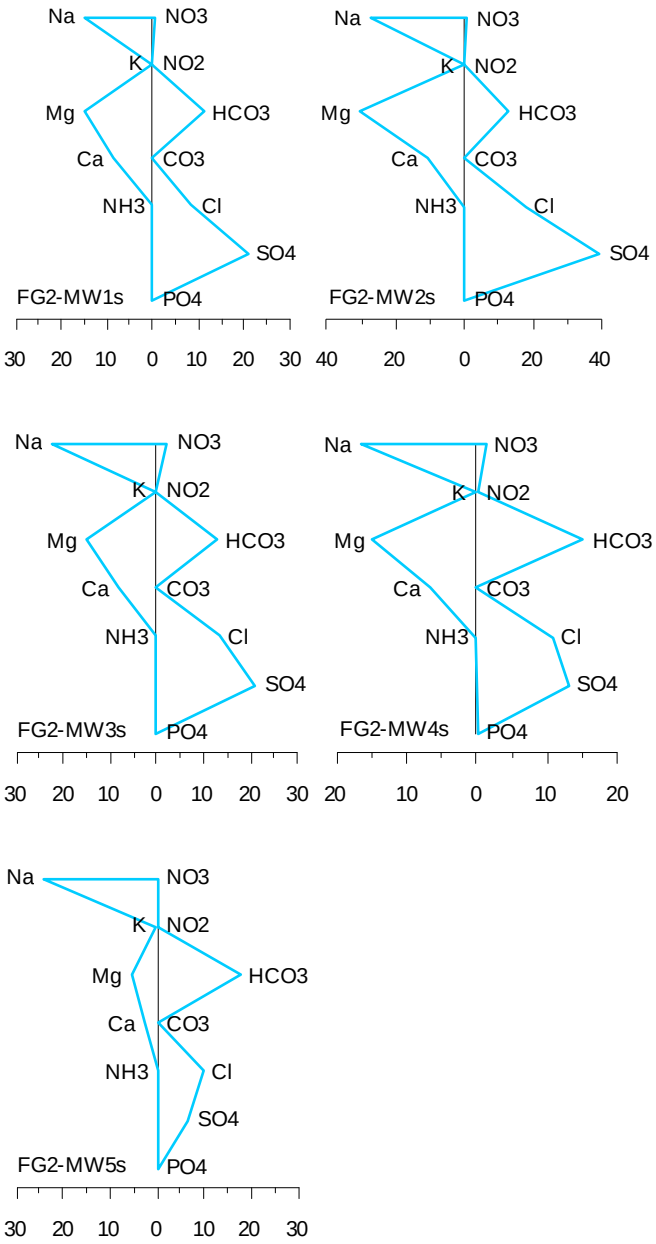
A7-97 FG2 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



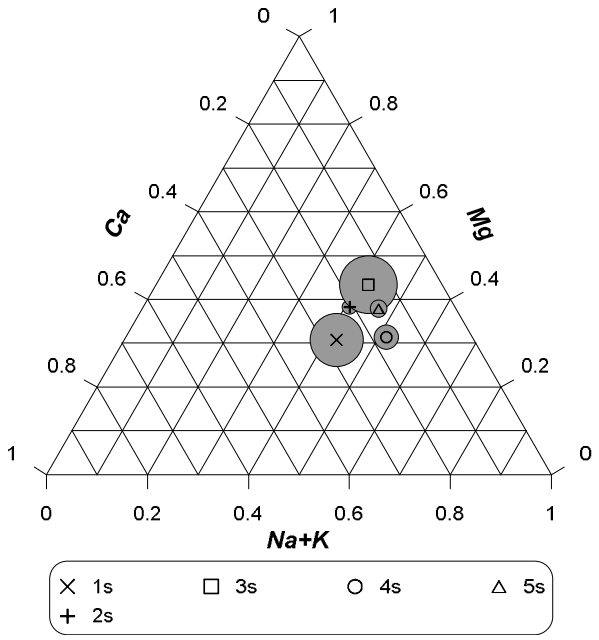
A7-98 FG2 - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



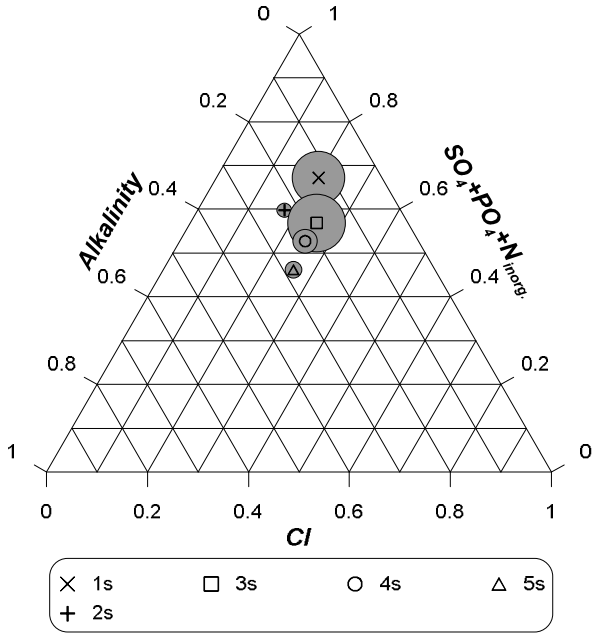
A7-99 FG2 – Stiff diagrams, May 2012



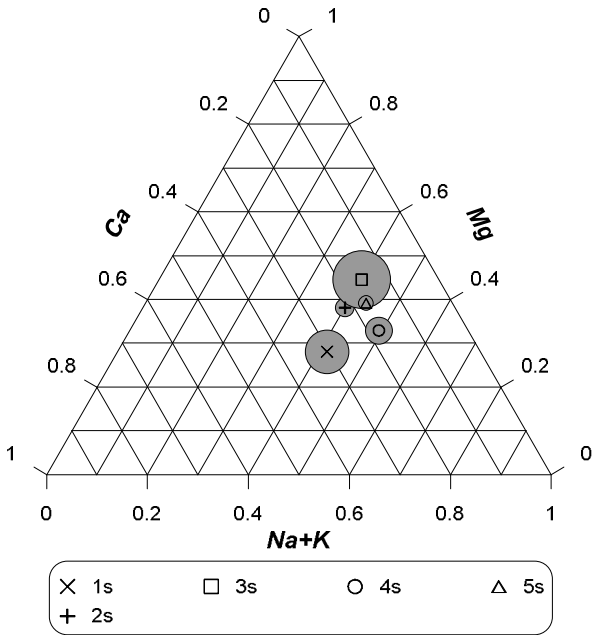
A7-100 FG2 – Stiff diagrams, August 2012



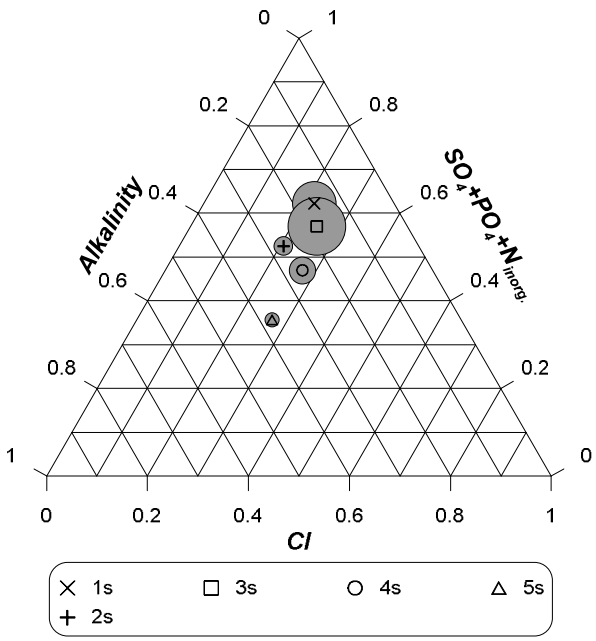
A7-101 FG2 – ternary diagram, major cations in groundwater samples, May 2012



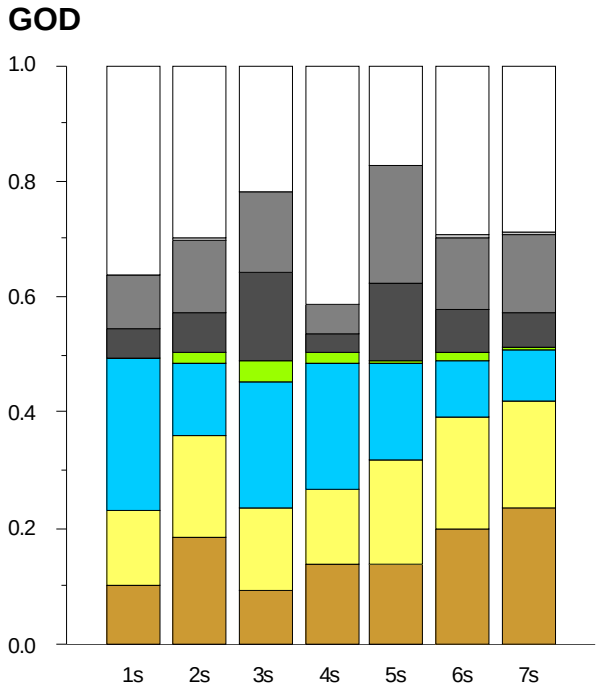
A7-102 FG2 – ternary diagram, major anions in groundwater samples, May 2012



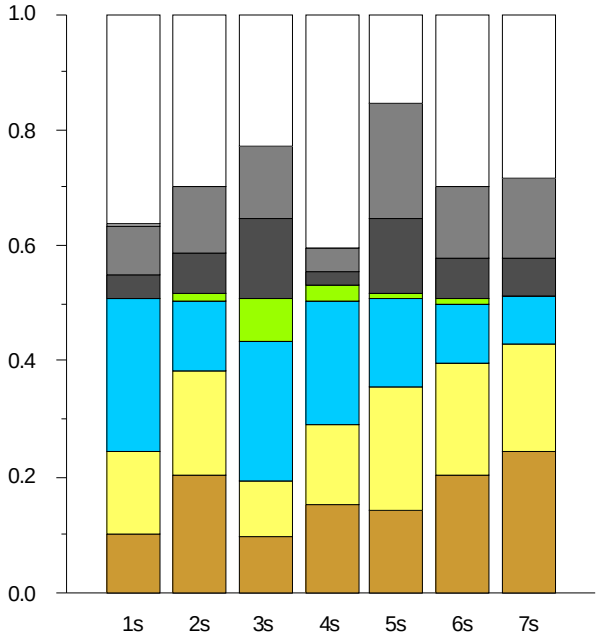
A7-103 FG2 – ternary diagram, major cations in groundwater samples, August 2012



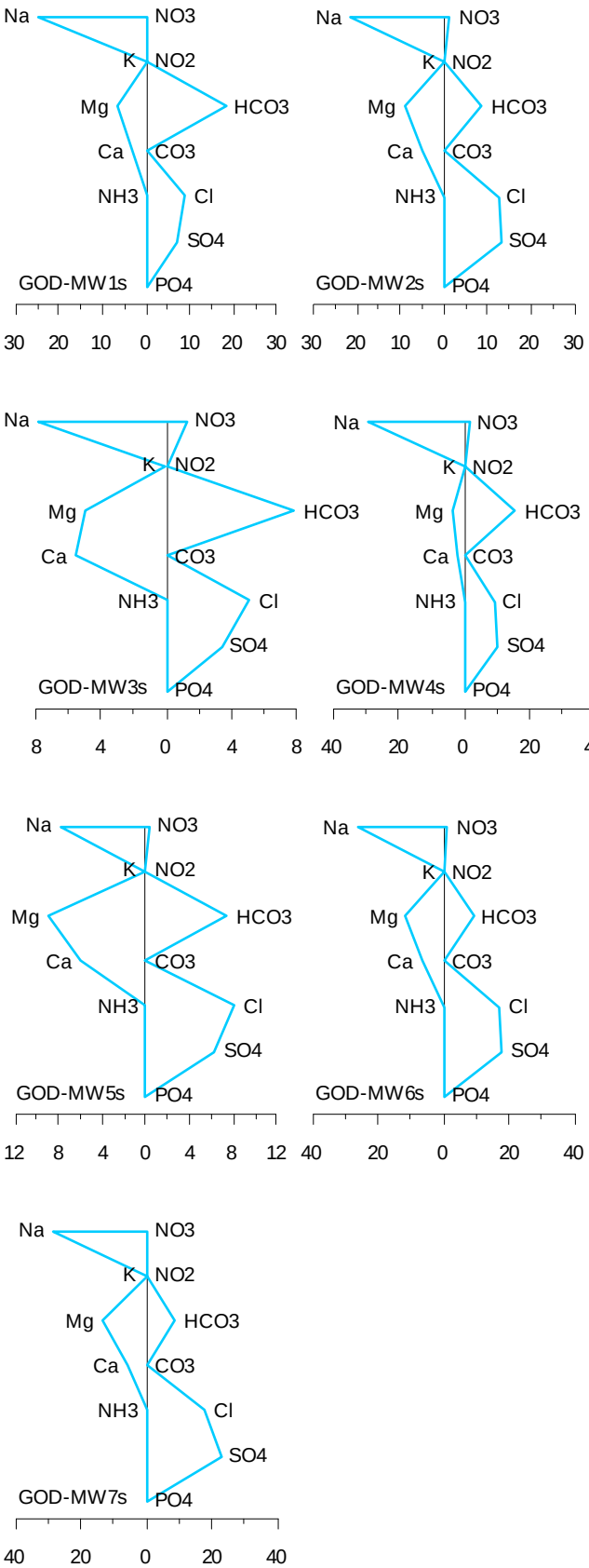
A7-104 FG2 – ternary diagram, major anions in groundwater samples, August 2012



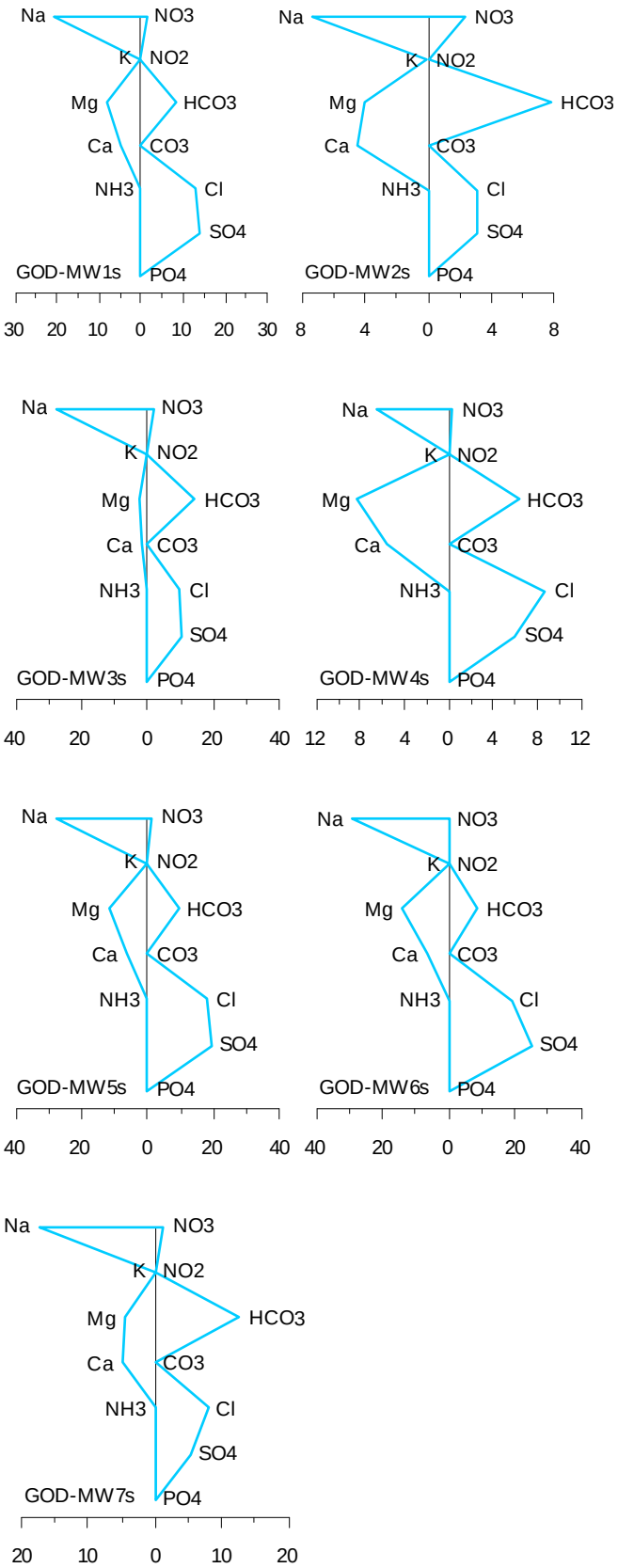
A7-105 GOD - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



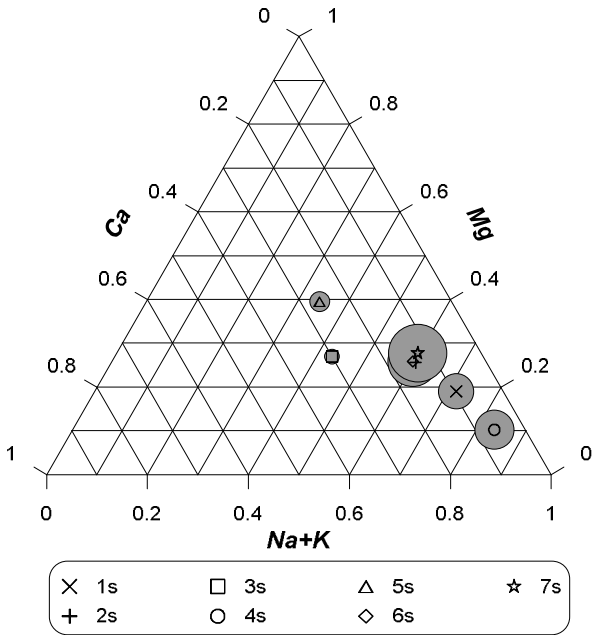
A7-106 GOD - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



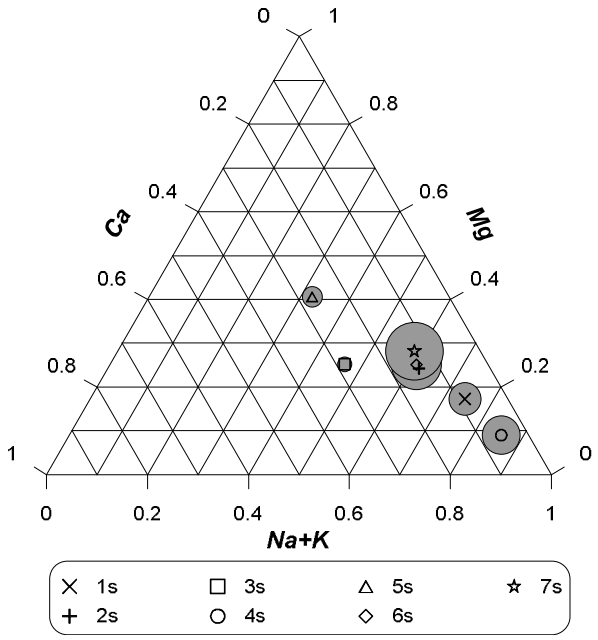
A7-107 GOD – Stiff diagrams, May 2012



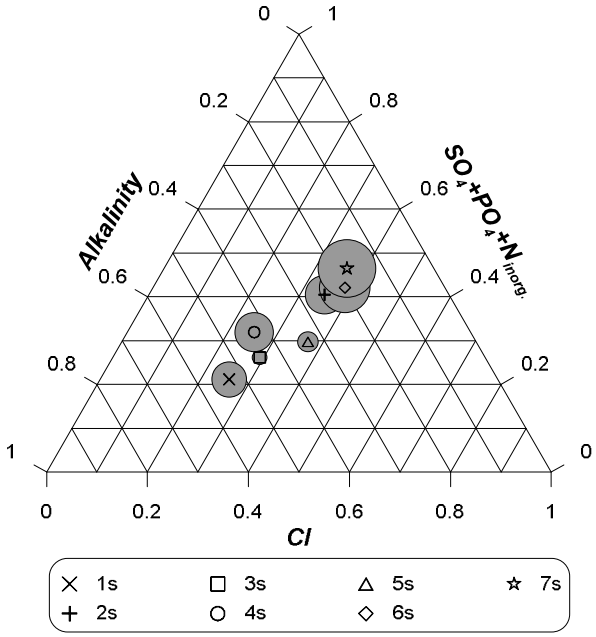
A7-108 GOD – Stiff diagrams, August 2012



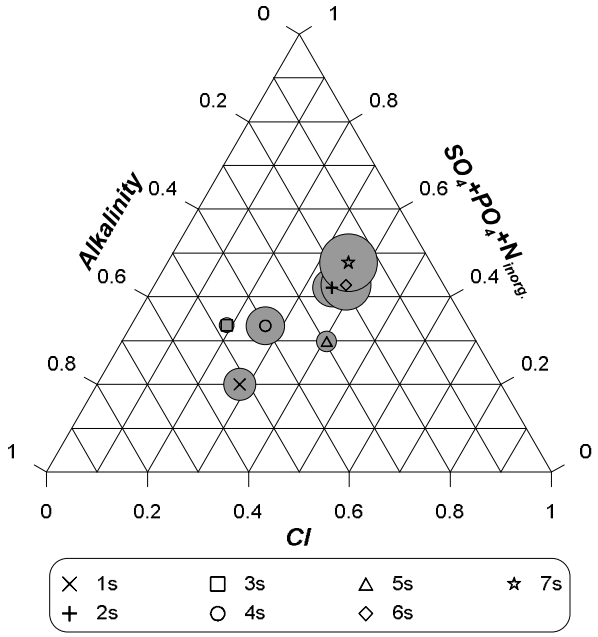
A7-109 GOD – ternary diagram, major cations in groundwater samples, May 2012



A7-111 GOD – ternary diagram, major cations in groundwater samples, August 2012

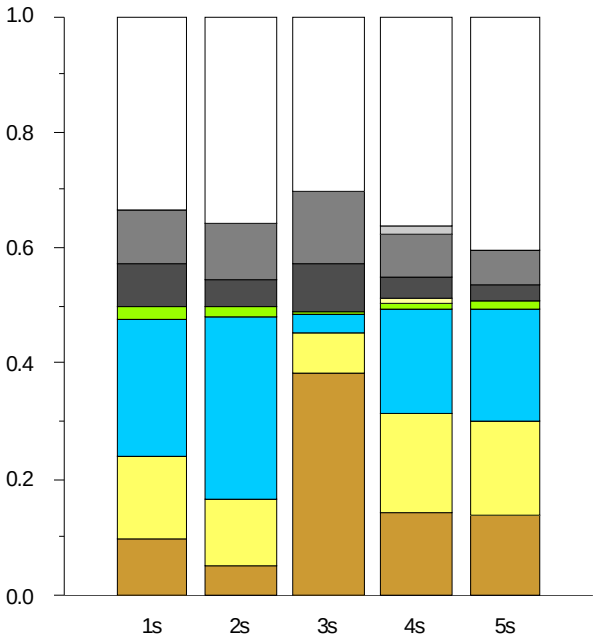


A7-110 GOD – ternary diagram, major anions in groundwater samples, May 2012

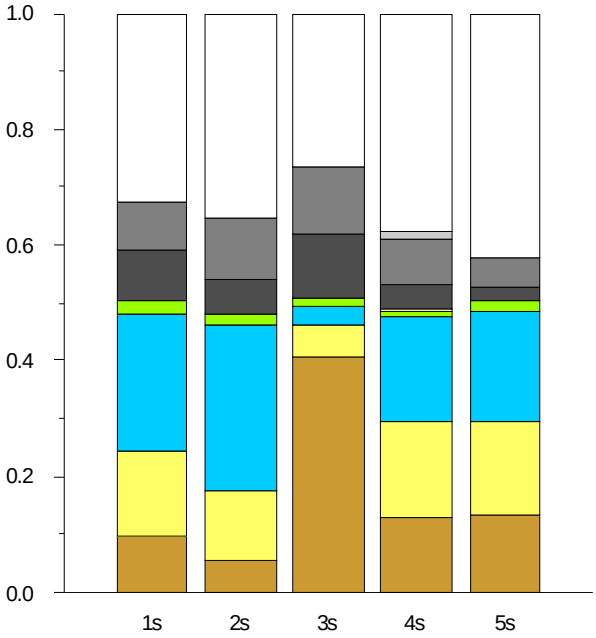


A7-112 GOD – ternary diagram, major anions in groundwater samples, August 2012

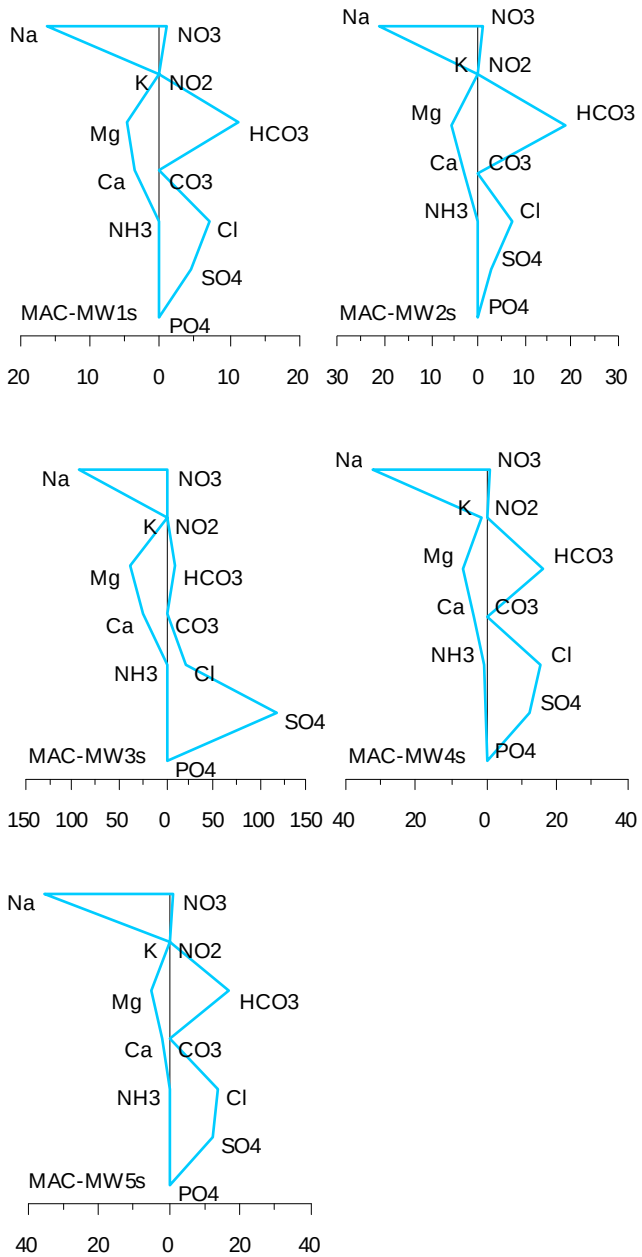
MAC



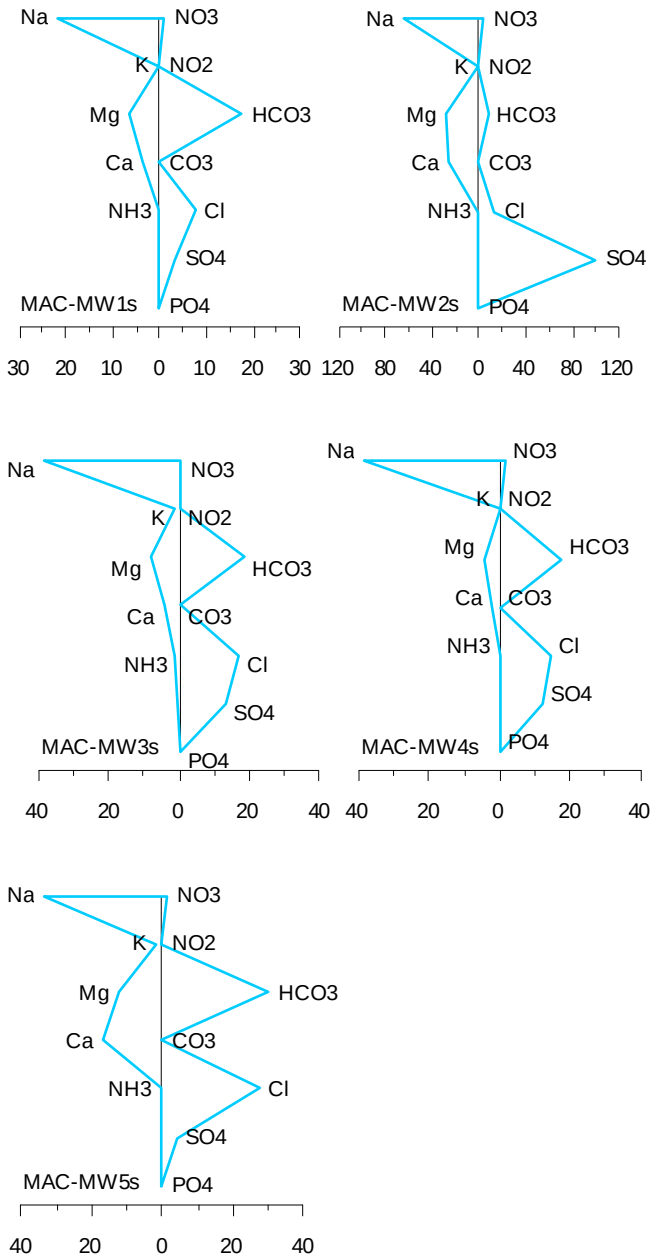
A7-113 MAC - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



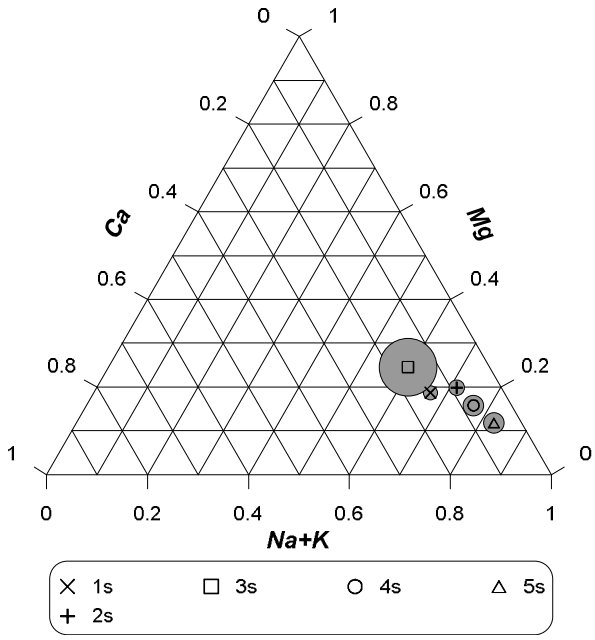
A7-114 MAC - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



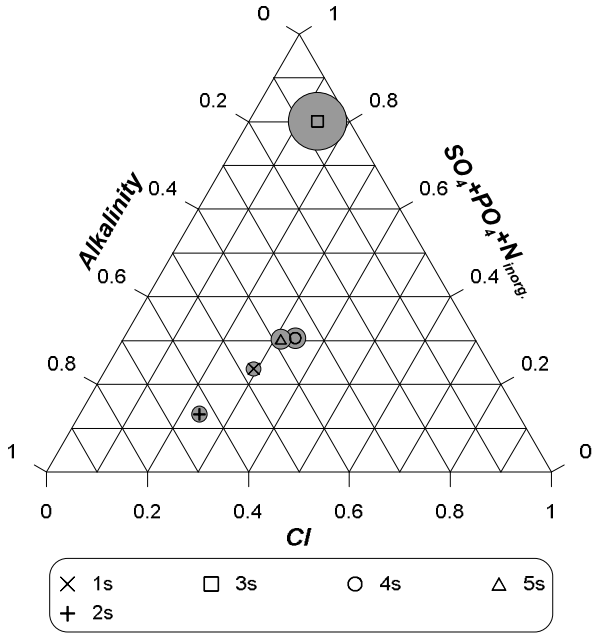
A7-115 MAC – Stiff diagrams, May 2012



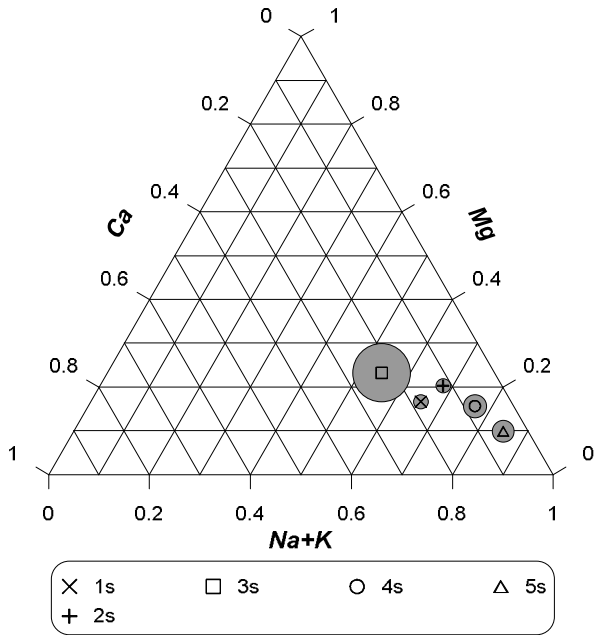
A7-116 MAC – Stiff diagrams, August 2012



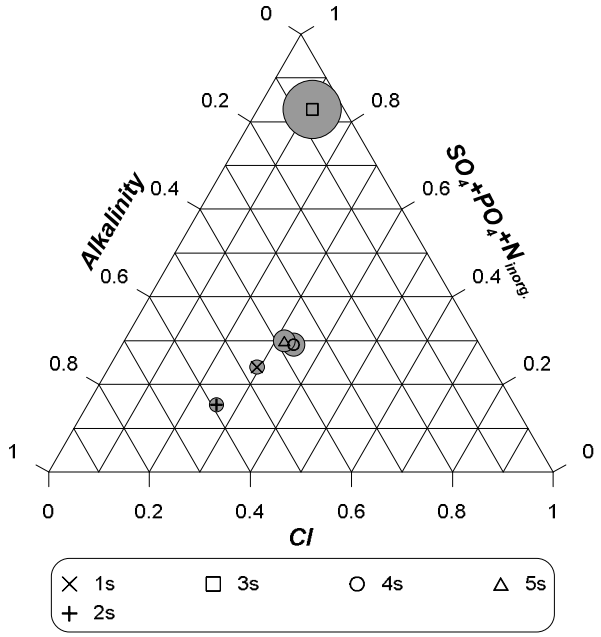
A7-117 MAC – ternary diagram, major cations in groundwater samples, May 2012



A7-118 MAC – ternary diagram, major anions in groundwater samples, May 2012

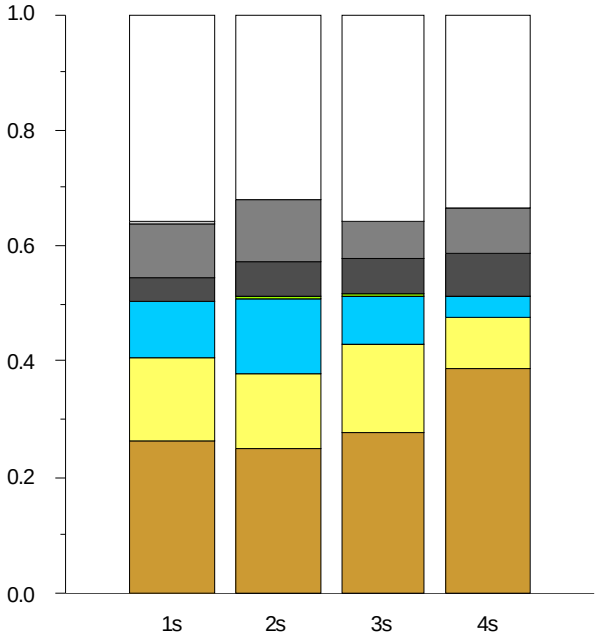


A7-119 MAC – ternary diagram, major cations in groundwater samples, August 2012

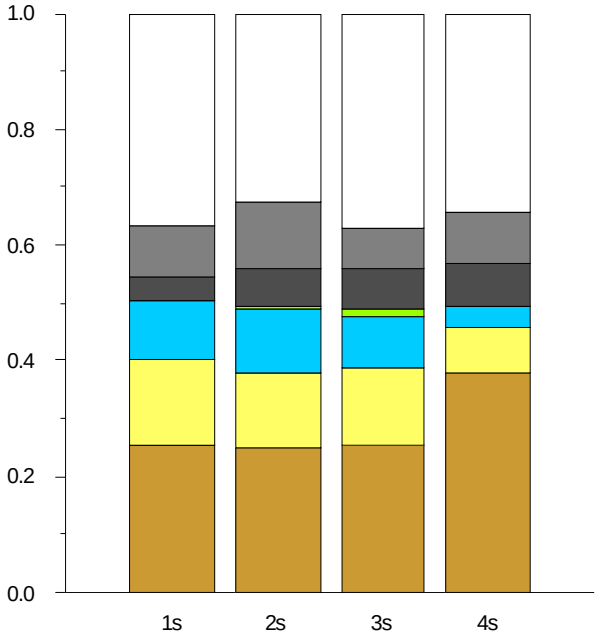


A7-120 MAC – ternary diagram, major anions in groundwater samples, August 2012

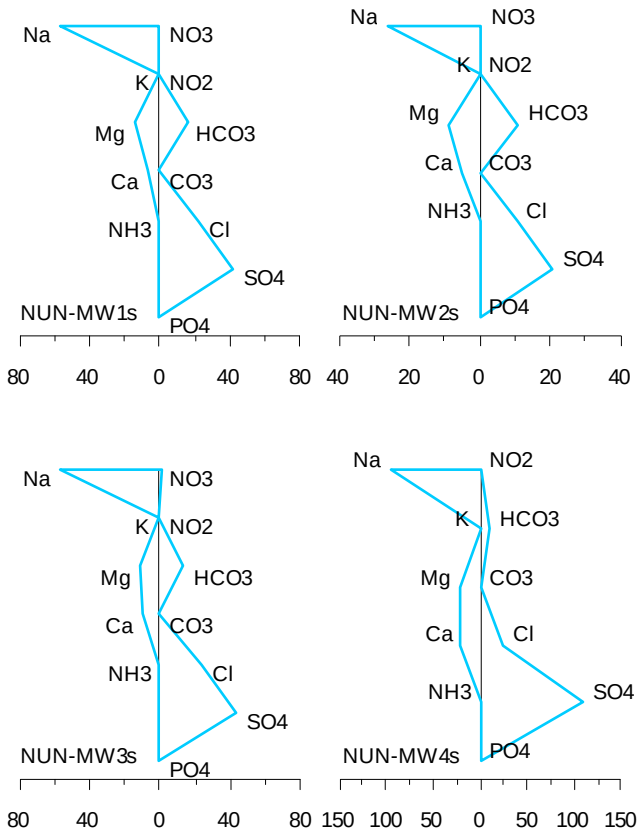
NUN



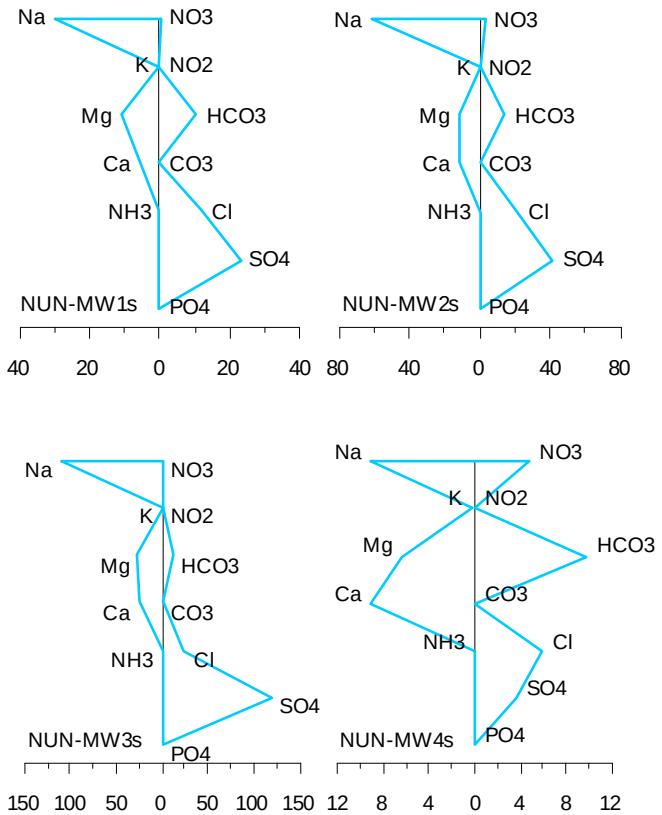
A7-121 NUN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



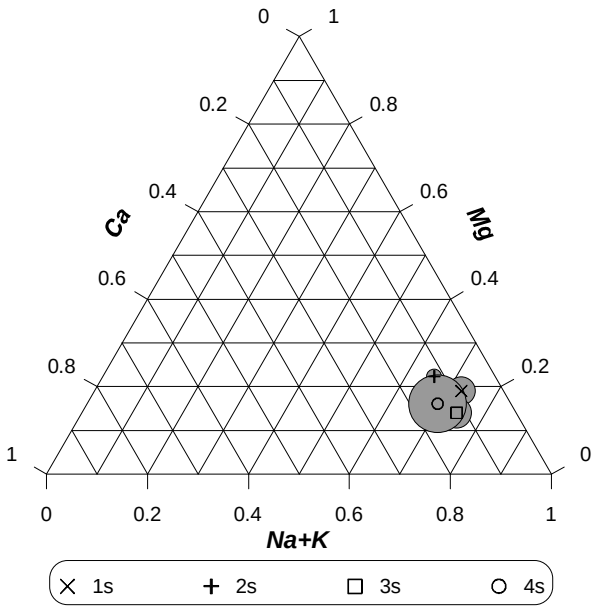
A7-122 NUN - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



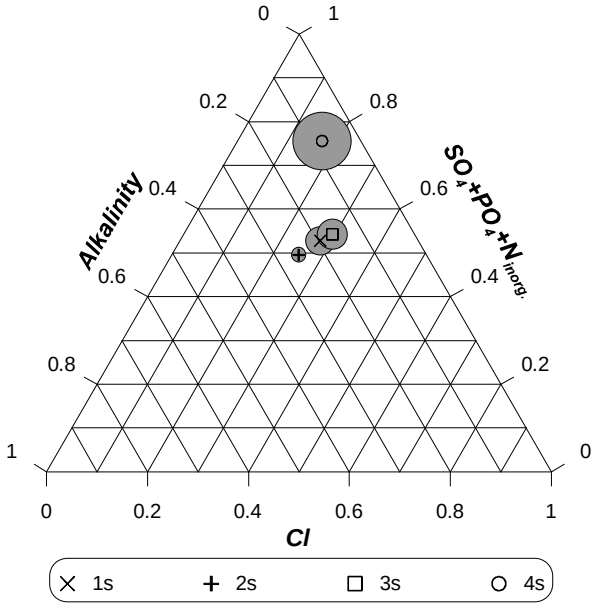
A7-123 NUN – Stiff diagrams, May 2012



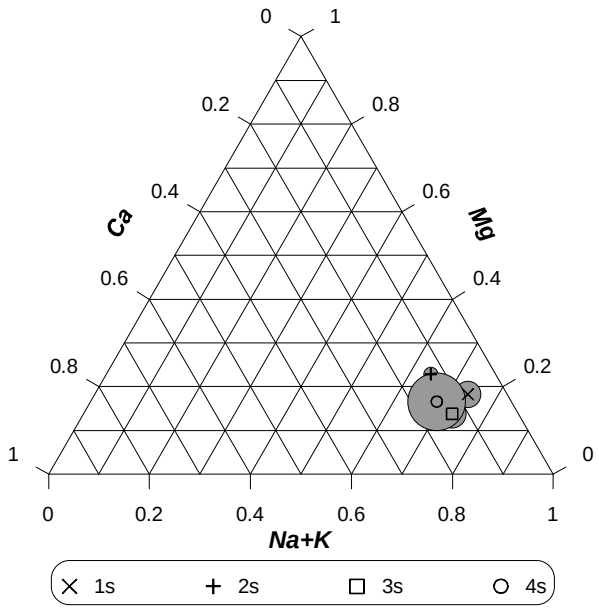
A7-124 NUN – Stiff diagrams, August 2012



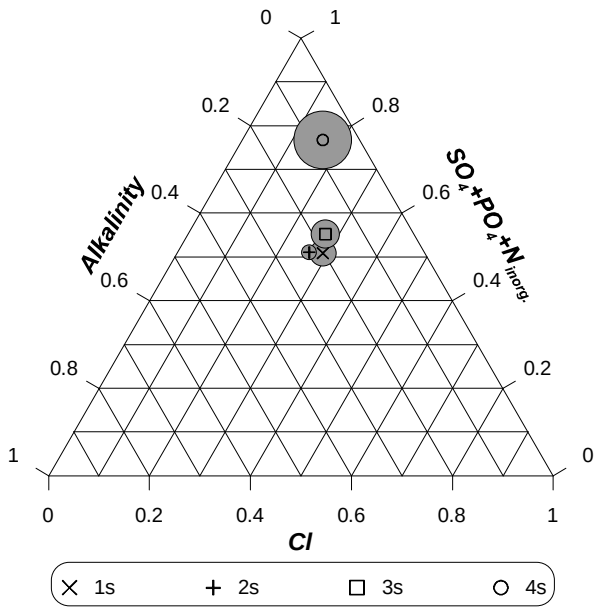
A7-125 NUN – ternary diagram, major cations in groundwater samples, May 2012



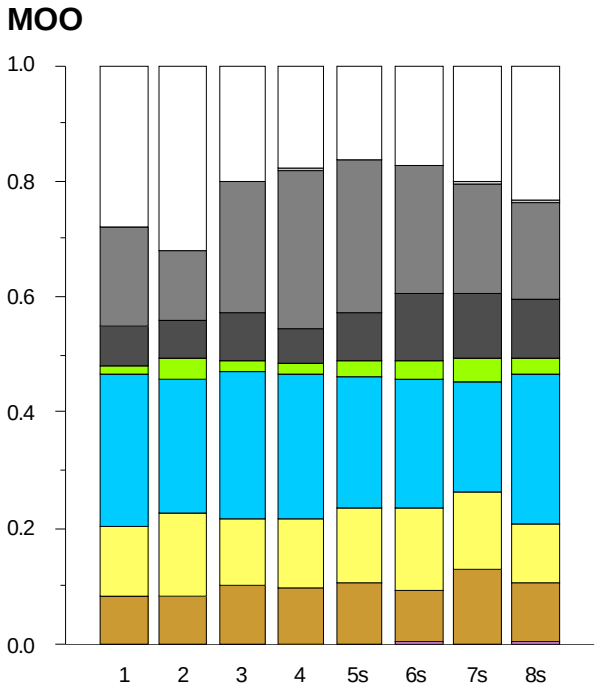
A7-126 NUN – ternary diagram, major anions in groundwater samples, May 2012



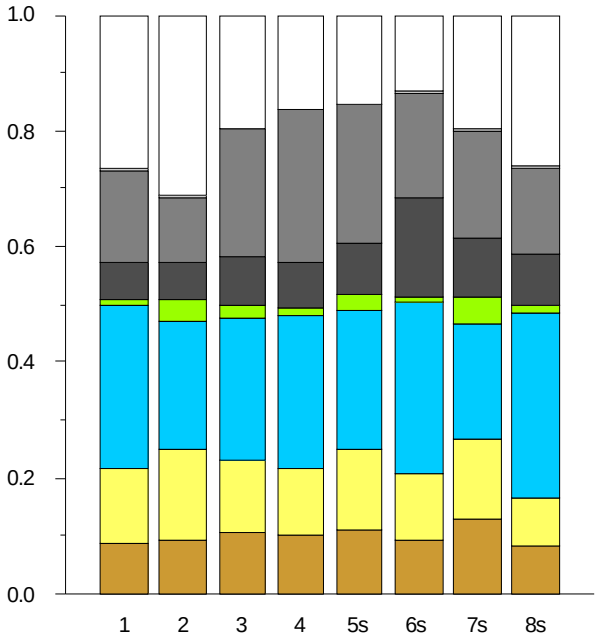
A7-127 NUN – ternary diagram, major cations in groundwater samples, August 2012



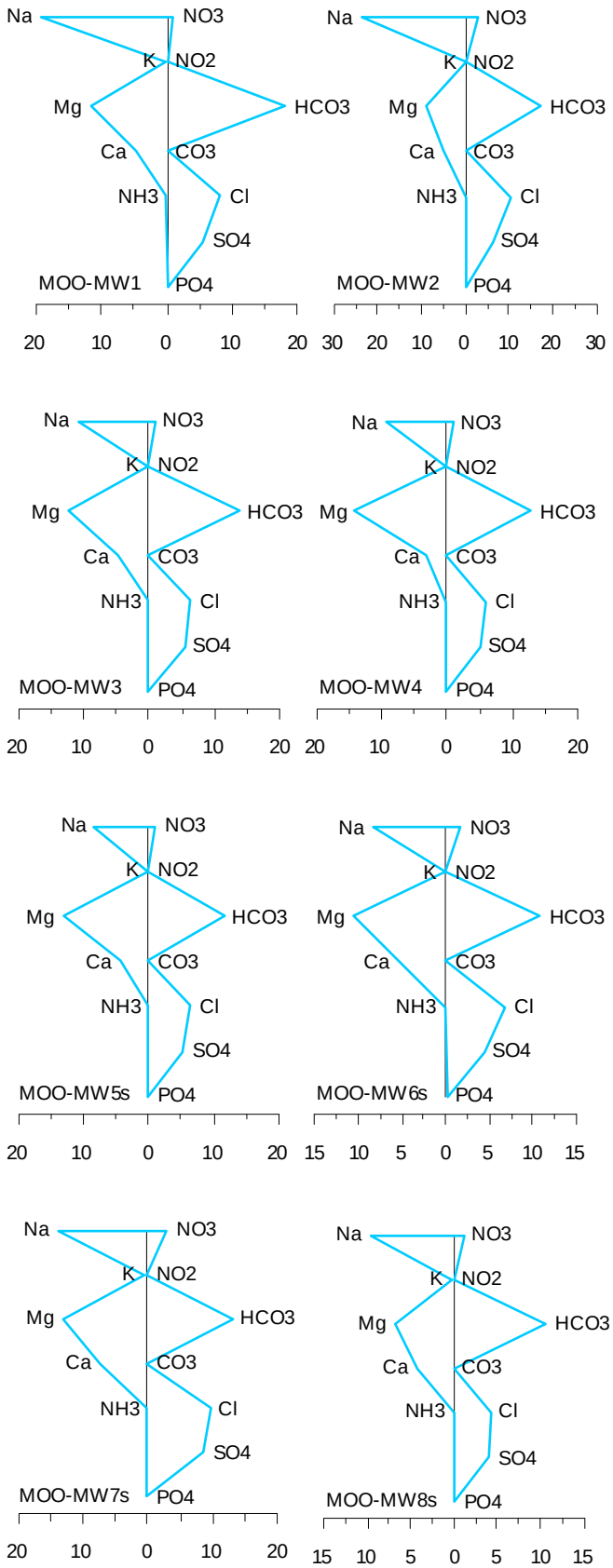
A7-128 NUN – ternary diagram, major anions in groundwater samples, August 2012



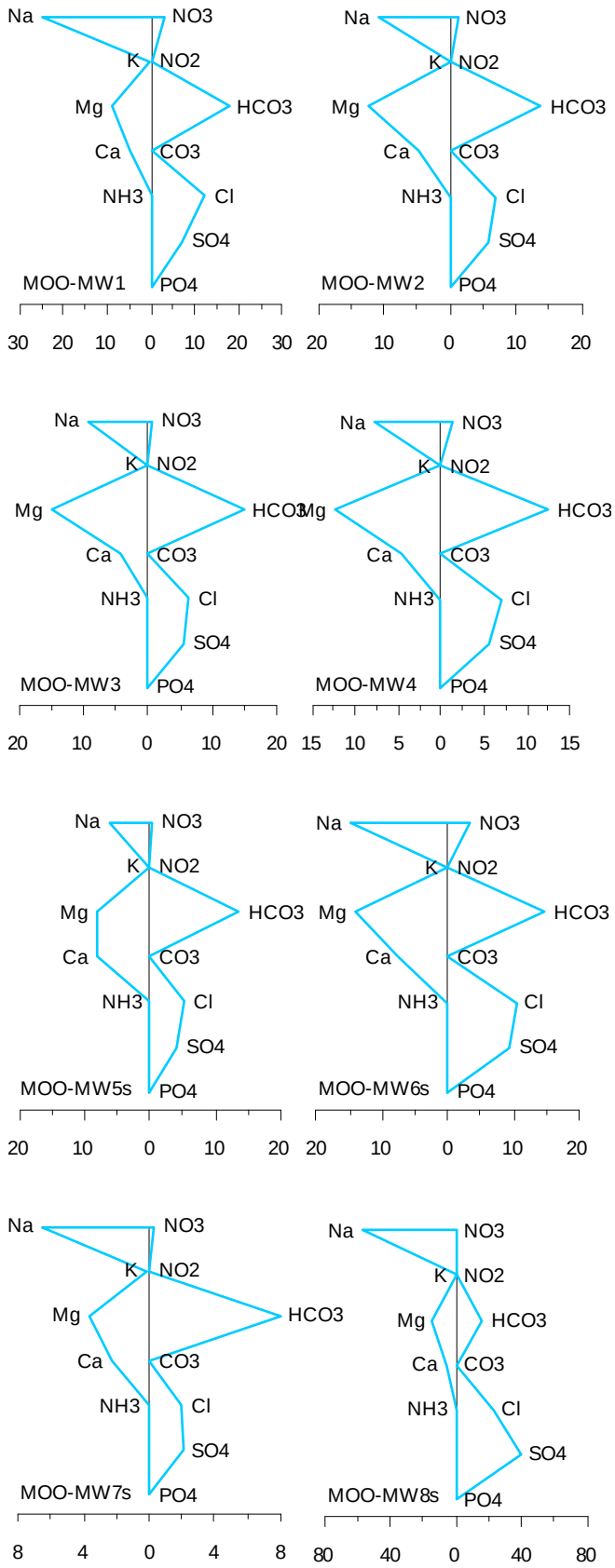
A7-129 MOO - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



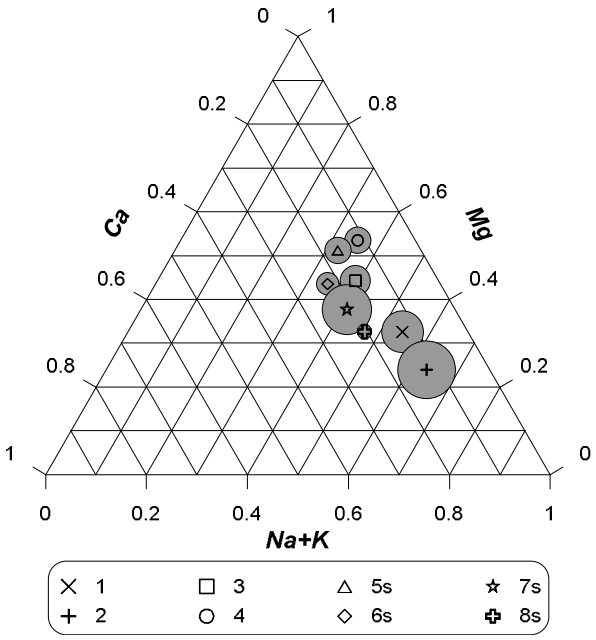
A7-130 MOO - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



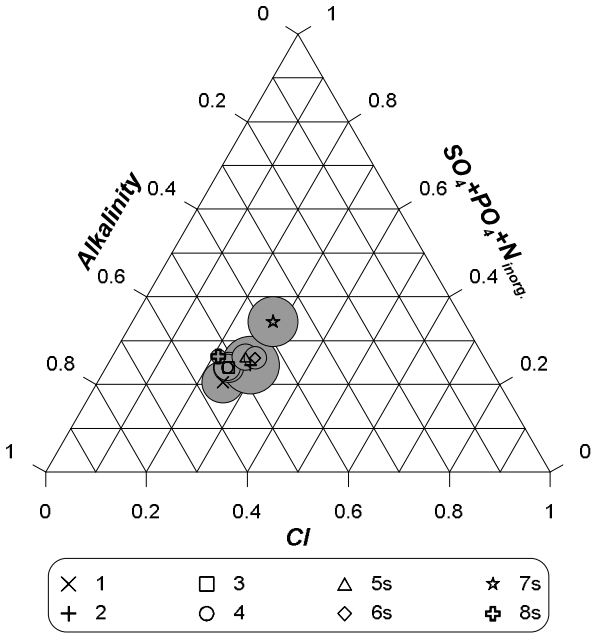
A7-131 MOO – Stiff diagrams, May 2012



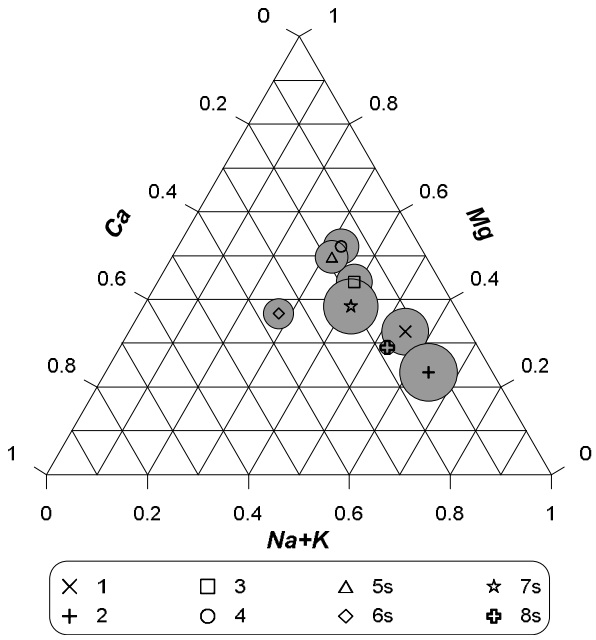
A7-132 MOO – Stiff diagrams, August 2012



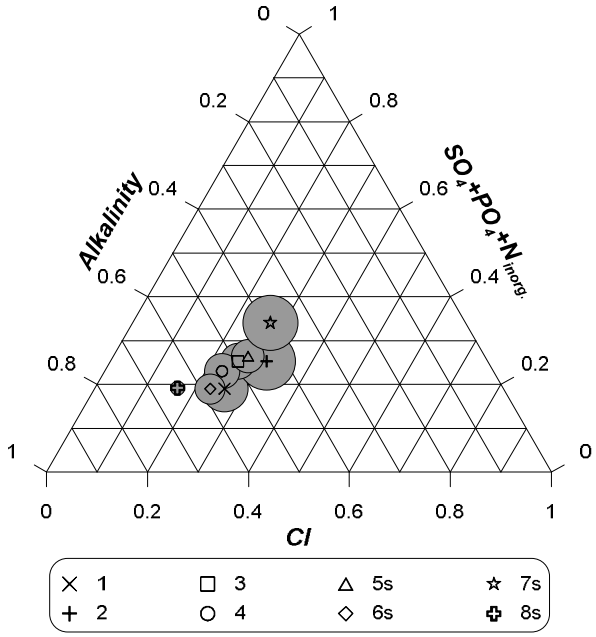
A7-133 MOO – ternary diagram, major cations in groundwater samples, May 2012



A7-134 MOO – ternary diagram, major anions in groundwater samples, May 2012

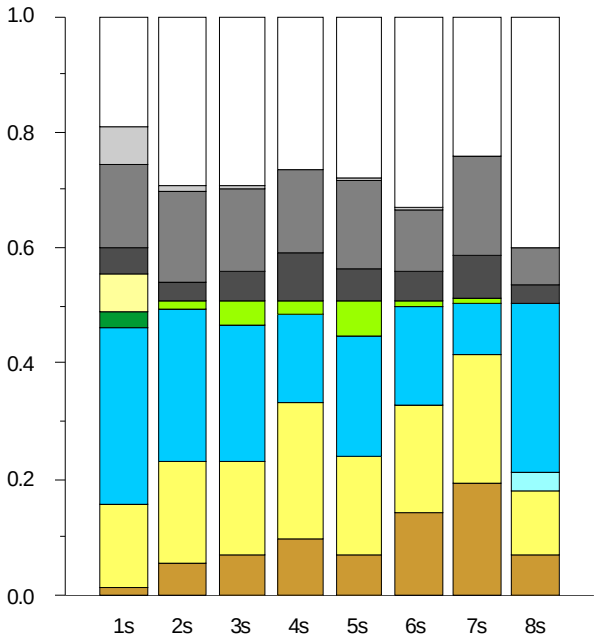


A7-135 MOO – ternary diagram, major cations in groundwater samples, August 2012

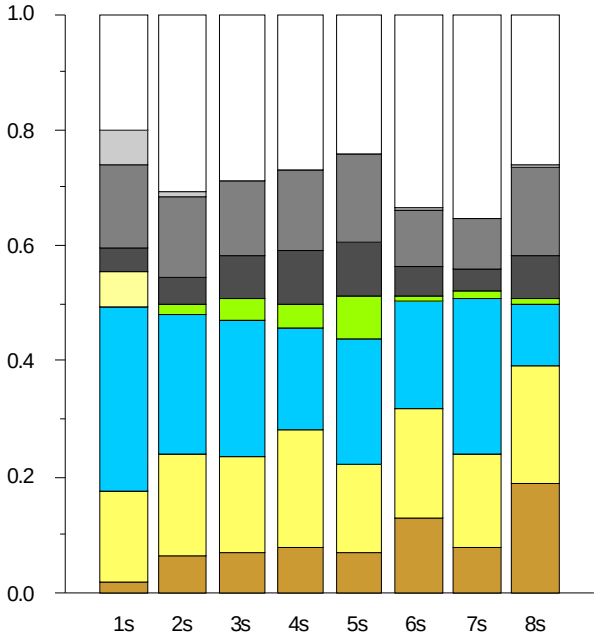


A7-136 MOO – ternary diagram, major anions in groundwater samples, August 2012

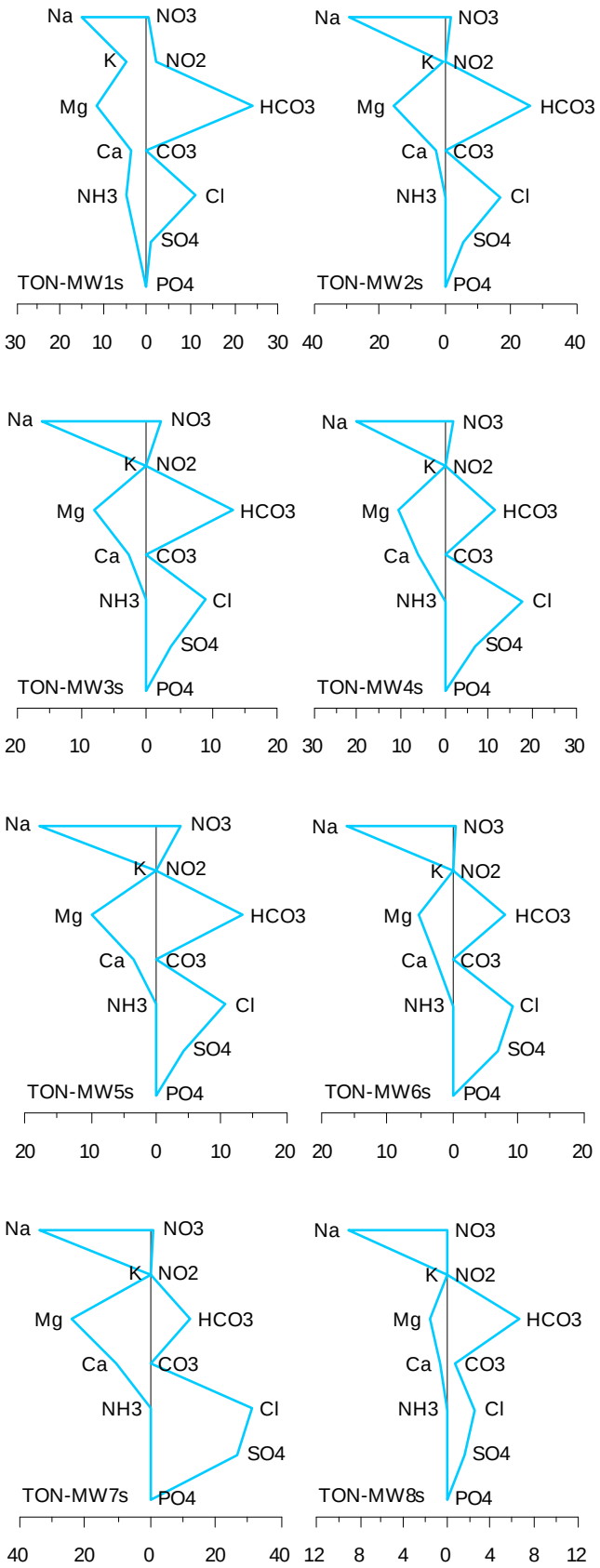
TON



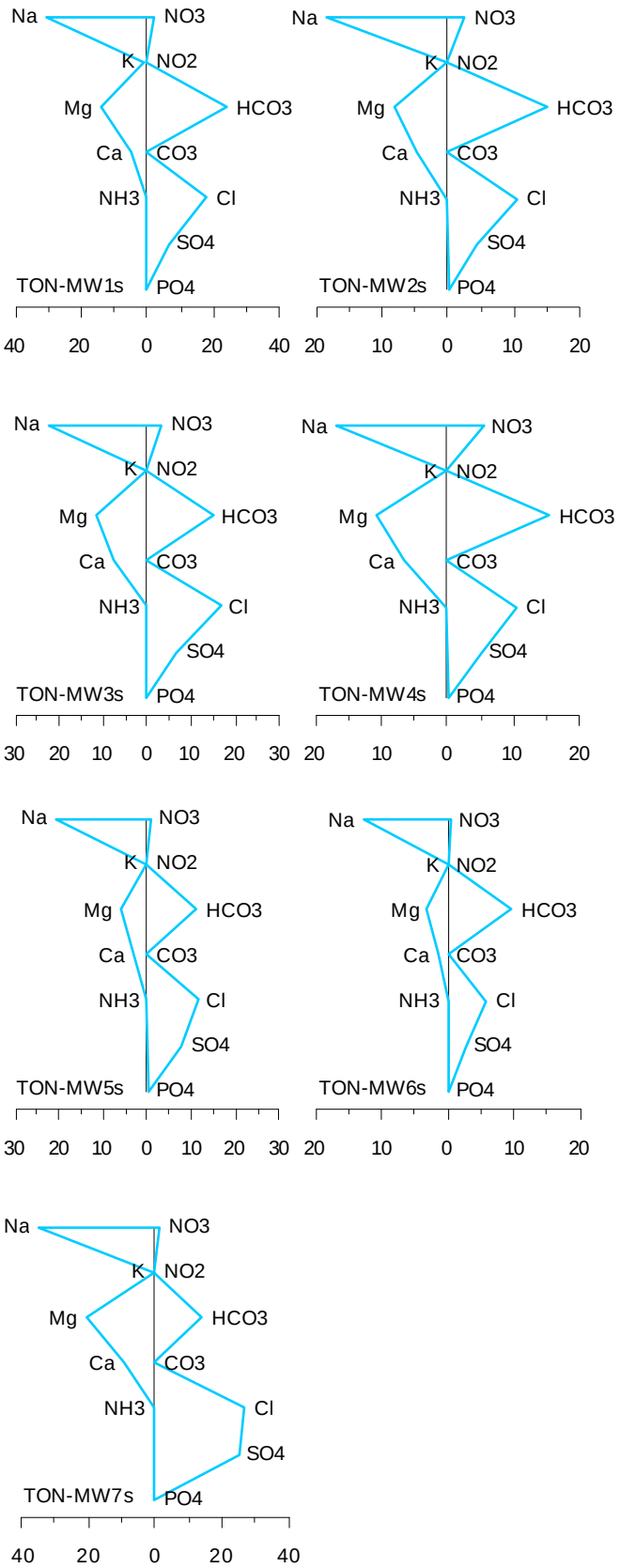
A7-137 TON - stacked bar graph, proportional distribution of cations and anions in groundwater samples, May 2012



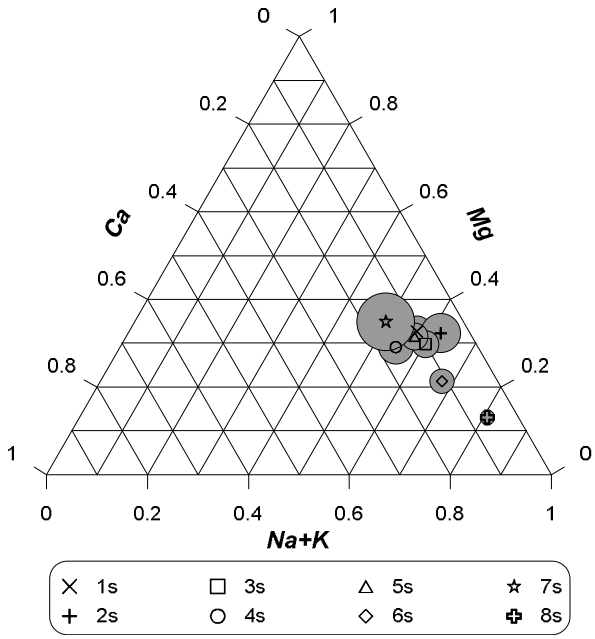
A7-138 TON - stacked bar graph, proportional distribution of cations and anions in groundwater samples, August 2012



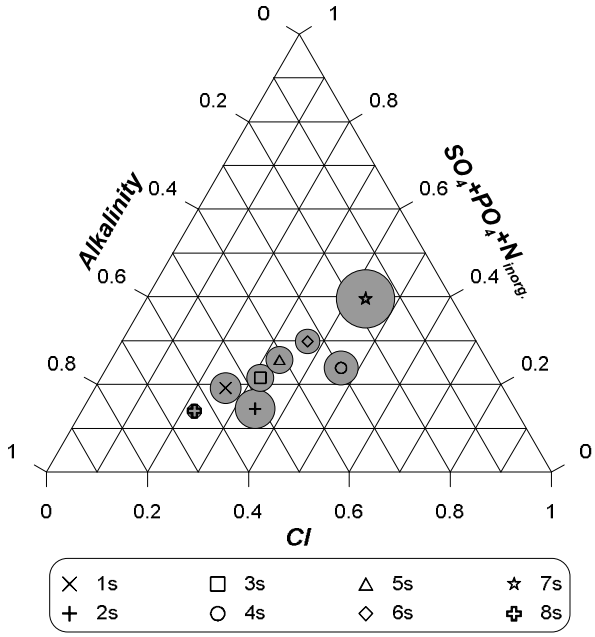
A7-139 TON – Stiff diagrams, May 2012



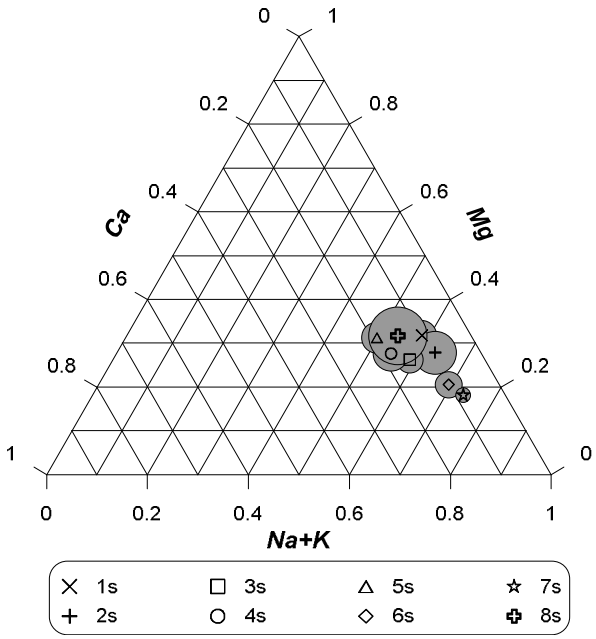
A7-140 TON – Stiff diagrams, August 2012



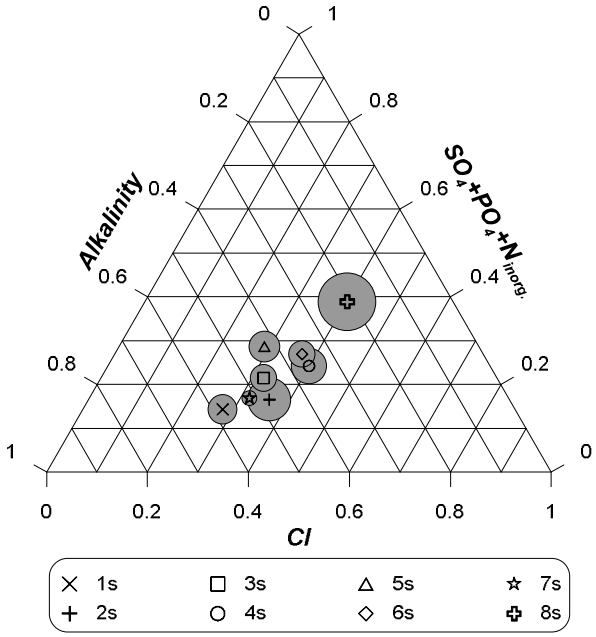
A7-141 TON – ternary diagram, major cations in groundwater samples, May 2012



A7-142 TON – ternary diagram, major anions in groundwater samples, May 2012



A7-143 TON – ternary diagram, major cations in groundwater samples, August 2012



A7-144 TON – ternary diagram, major anions in groundwater samples, August 2012