

RQ- 2018-03-12-09

Log-in Checklist

Shipping Method: FedEx | UPS | HD | Greyhound | UPS

Date/Time of Receipt: 3-15-18/10:00

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
Yes	No	Yes	No				
Red	0.3	15		✓			34622861169
Red				✓			34622861507
Red	0.9	15		✓			34622861285
Red	2.1	15		✓			34622861589

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☒

CONTAINER CHECK

**Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☒ No ☐

**Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐

**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: SR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☒ NA ☒ Init: SR

Coolers Unpacked/Checked by: SR Date: 3-15-18

NCRs (Y/N)? N

Event ID: SO-DIST-2018-03-15-02

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes ☐ No ☒

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes ☐ No ☐

If no, were samples shipped on dry ice? Yes ☐ No ☐

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes ☐ No ☐

Date and time samples preserved: _____

Additional Comments:

CALOOSA LT 3240BC

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: Nicole Reistad

Project ID: BMAP

Collected By: John Barrington, Nicole Reistad

Sampling Agency: FLDEP - SROC

Loc Field ID/WIN G3SD0112	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/14/18 Time 1252	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
File Location US 41, Marker # 38	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 8.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
W	Temp (C) 20.2	pH 8.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 14753	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments		
Loc Field ID/WIN G3SD0113	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/14/18 Time 1310	Eastern Central	Composite end Date Time	Bottle Group(s)
File Location Marker # 28	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 8.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
W	Temp (C) 21.4	pH 7.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 12088	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments		
Loc Field ID/WIN G3SD0114	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/14/18 Time 1330	Eastern Central	Composite end Date Time	Bottle Group(s)
File Location Marker # 22	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 9.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
W	Temp (C) 21.9	pH 8.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 8510	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments		
Loc Field ID/WIN G3SD0115	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/14/18 Time 1350	Eastern Central	Composite end Date Time	Bottle Group(s)
File Location Old Swing Bridge	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 9.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
W	Temp (C) 21.3	pH 8.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 8165	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments		

Relinquished By: J. Barrington	Date/Time 03/14/18 1750	Shipping Method UPS FedEx NR	Number of Coolers Shipped: 4	Received By: JR	Date/Time 3-15-18/10400
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
BOD-UNIN						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	8
W-DOC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab	8
W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
W-NO2NO3 W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	8
W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
BOD-UNIN						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	1
W-DOC						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
W-ICP W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NO2NO3 W-TKN W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
W-PO4-F						

NOT CROSSED OUT!
READ THIS SHEET!

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Field Report Prepared By: Nicole Reistad

Collected By: John Barrington, Nicole Reistad

Sampling Agency: FLDEP-SROC

Location Field ID/WIN G3SD0116		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/14/18 Time 1410		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Location MidChannel@OrangeRiver		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 9.4		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 21.6		pH 8.0		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 7244			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location Field ID/WIN G3SD0117		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/14/18 Time 1430		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Location Upstream of Power Plant		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 9.0		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 21.7		pH 8.0		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 7336			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location Field ID/WIN G3SD0118		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/14/18 Time 1445		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Location Mid Channel off Oxbow		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 8.1		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 21.8		pH 7.9		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 7345			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location Field ID/WIN G3SD0119		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/14/18 Time 1500		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Location Mid channel off point		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 8.1		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
Temp (C) 22.1		pH 7.9		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 7352			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					

Relinquished By: J. Barrington	Date/Time 03/14/18 1750	Shipping Method FedEx UPS	Number of Coolers Shipped: 4	Received By: [Signature]	Date/Time 3-15-18/000
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Group: A	Bottle Type: BOD-UNIN	P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-DOC	P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-NO2NO3 W-TKN W-TOC	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: BOD-UNIN	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-DOC	P-125ML	# of Bottles: 1	Preservative: FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-NO2NO3 W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

CALOOSA LT 3240BC

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: Nicole Reistad

Project ID: BMAP

Collected By: John Barrington, Nicole Reistad

Sampling Agency: FLDEP - SROC

Location	Field ID/WIN		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 03/14/18 Time 1507	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	
Field ID	Location	Field Blank	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B	
WIN/ST		Field Blank	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Barrington	03/14/18 1750	FedEx UPS	4	SR	3/15/18 9:50
		NR			10:00

Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	_____
BOD-UNIN							
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	_____
W-DOC							
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	_____
W-ICP							
W-ICPMS							
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	_____
W-NO2NO3							
W-TKN							
W-TOC							
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	_____
W-PO4-F							
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	_____
BOD-UNIN							
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	_____
W-DOC							
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	_____
W-ICP							
W-ICPMS							
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	_____
W-NO2NO3							
W-TKN							
W-TOC							
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	_____
W-PO4-F							

Date of Request: 08-JAN-2018
 Created By: BARRINGT_J On: 08-JAN-2018
 Modified By: SWANSON_C On: 15-FEB-2018
 Customer: SO-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: CALOOSA LT 3240BC

Send Coolers To:

Phone: 239-344-5720
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-FEB-2018
 Biology Request Reviewed By: SWANSON_C On: 15-FEB-2018
 Sampling Kit Required: YES Ship on: 02-MAR-2018
 Sampling Kit Shipped: YES On: 26-FEB-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 12-MAR-2018
 Received By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: WBID 3240B AND 3240C
 Group B: Blank

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L	Number of Bottles: 8	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: ICE And H2SO4
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices