



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes

No

WIN Station Name:

Lake Lillie Center

Date: 05/21/2018
(mm/dd/yyyy)

WIN/ Field ID:

G2NE1133

WBID:

2625B

Latitude:

29.4244

County:

Putnam

ORG ID:

21FLA

Longitude:

82.5331

Receiving Body of Water:

LAKE Stella

RQ-2018-

05-07-28

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis						X	X	X	
P. O'Connor					X			X	

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with YSI TR		
Equipment ID Ortho #44		
Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded	Meter ID# YSI TR	Matrix: Fresh / Marine/ DI
Photos: Yes (No)	Flow: No Flow / Interstitial / Flowing (NA)	Tide: Rising/ Falling/ Slack/ (NA)
Tide Times: High		Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
EST	0950	5.1	0.3	1.9	6.95	85.5	7.1	0.08	174	25.7
CEN			4.5		1.0	11.0	6.8	0.09	185	22.3

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	SA727500	10-02-18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	R7474553		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CI-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Place Preservation

Notes:

WIN / Field ID:



G2NE1133

Lake Lillie Center

Signature:

P. O'Connor

Date:

05-21-18

Enter Field Parameters, Verify Station ID In LIMS DMT:

JP 6/14/18

QC Station ID, Field Parameters In LIMS DMT:

JP 6/14/18

Scan/Save Field Sheets

JP 6/14/18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Request Number: RQ-2018-05-07-28

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Page 1 of 2
last revised Jan 25, 2018

LSJR Lakes

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

P. O'Connor
DEAE WED JAX

Location	WIN / Field ID:	G2NE1132	Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	05-21-18	Time	1120	Eastern ☒ Central	Composite end	Date	Time	Bottle Group(s)	(See pg 2)
Field ID								Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen	7.2	☒ mg/L ☐ % sat	Total Res. Chlorine	
WIN/STORET								Surface water Fresh						Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	113
Latitude								Temp (C)	25.7					pH	6.2			
Location	WIN / Field ID:	G2NE1134	Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	05-21-18	Time	1035	Eastern ☒ Central	Composite end	Date	Time	Bottle Group(s)	
Field ID								Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen	8.2	☒ mg/L ☐ % sat	Total Res. Chlorine	
WIN/STORET								Surface water Fresh						Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	142
Latitude								Temp (C)	26.0					pH	4.4			
Location	WIN / Field ID:	20030627	Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	05-21-18	Time	1010	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	
WIN/STORET								Surface water Fresh						Sample Depth		☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude								Temp (C)						pH				
Location	WIN / Field ID:	G2NE1133	Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	05-21-18	Time	0950	Eastern ☒ Central	Composite end	Date	Time	Bottle Group(s)	
Field ID								Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen	6.95	☒ mg/L ☐ % sat	Total Res. Chlorine	
WIN/STORET								Surface water Fresh						Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	174
Latitude								Temp (C)	25.7					pH	7.1			
Location	WIN / Field ID:	G2NE1133	Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	05-21-18	Time	0950	Eastern ☒ Central	Composite end	Date	Time	Bottle Group(s)	
Field ID								Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen	6.95	☒ mg/L ☐ % sat	Total Res. Chlorine	
WIN/STORET								Surface water Fresh						Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	174
Latitude								Temp (C)	25.7					pH	7.1			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
P. O'Connor	05-21-18 1300	Fed Ex	2		

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): <u>0.5</u>		Field ID: <u>G2NE1133DUP</u>	
Time: <u>0955</u>		Total Depth (m): <u>5.1</u>			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H ₂ SO ₄	SA7275010	10-02-18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7H4V59		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Blank

Time Zone: EST CEN		Time: _____		Field ID: _____	
DI Source: <u>NE ROC LAB</u>		Location: _____			
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: <u>ORTHO #</u>			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Notes:	WIN ID	
	LAKE LILLIE CENTER	G2NE1133
	FIELD ID	
		G2NE1133DUP
Signature: _____		Date: _____

Field Parameters Entered into LIMS: _____	Field Parameters QC in LIMS: <u>BP 6/4/18</u>
(Initials/Date)	(Initials/Date)
Date Migrated to STORET: _____	Field Sheets Scanned/Saved: <u>BP 6/4/18</u>
(Initials/Date)	(Initials/Date)

Request Number: RQ-2018-05-07-28
LSJR Lakes

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 2
last revised Jan 25, 2018

Customer: NE-DIST
Project ID: SMP

Requester: Jeremy M. Parrish
Collected By: B. Davis, P. O'Connor

Field Report Prepared By: P. O'Connor
Sampling Agency: DEPR NEB ROC

Location		WIN ID		G2NE1133		G2NE1133DUP		Bottle Group(s)	
Field ID	WINSTORE	Latitude	Longitude	Salinity (ppt)	Temp (C)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance
Field ID	LAKE LILLIE CENTER	☐ dd ☐ dms	☐ dd ☐ dms	☐ Comp ☐ Grab	Collection Date	Time	Eastern Central	Composite end Date	Time
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									
Field ID									
WINSTORE #									
Latitude		☐ dd ☐ dms	☐ dd ☐ dms						
Location									

2/3

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 to ALS SAK
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						



Emillicommodat

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

#2

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE 1 OF 1

CAS Contract

Project Name LSTP LAKE		Project Number RR-2018-05-07-28		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																													
Project Manager Seany Pariss		Email Address		PRESERVATIVE 8																													
Company/Address DEAR NEB ROC 8800 BAYMEADOWS WAY West JAX FL 32256																																	
Phone # 904-256-1700				FAX #																													
Sampler's Signature B. DAVIS		Sampler's Printed Name B. DAVIS		NUMBER OF CONTAINERS 11 Coli																													
CLIENT SAMPLE ID		LAB ID		SAMPLING DATE		TIME		MATRIX																									
G2NE1132				05-21-18		1120		SW		1																							
20030027				---		---		---		1																							
G2NE1134				05-21-18		1025		SW		1																							
G2NE1133				05-21-18		0950		SW		1																							
G2NE1133 DUP				05-21-18		0955		SW		1																							
SPECIAL INSTRUCTIONS/COMMENTS																																	
See QAPP ☐ 0.0 oC																																	
SAMPLE RECEIPT: CONDITION/COOLER TEMP:																																	
RELINQUISHED BY				RECEIVED BY				CUSTODY SEALS: Y N				RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY									
Signature B DAVIS		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]		Signature [Signature]											
Printed Name B. Davis		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]		Printed Name [Name]											
Firm DEAR NEB ROC		Firm ALS		Firm ALS		Firm ALS		Firm ALS		Firm ALS		Firm ALS		Firm ALS		Firm ALS		Firm ALS		Firm ALS		Firm ALS											
Date/Time 05-21-18/1305		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805		Date/Time 5/21/18 1805											
TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE														REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Edata Yes No										INVOICE INFORMATION PO # BILL TO:									
ALTERNATE DESCRIPTION														REMARKS/ PRESERVATIVE KEY 0. NONE 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other ICE																			