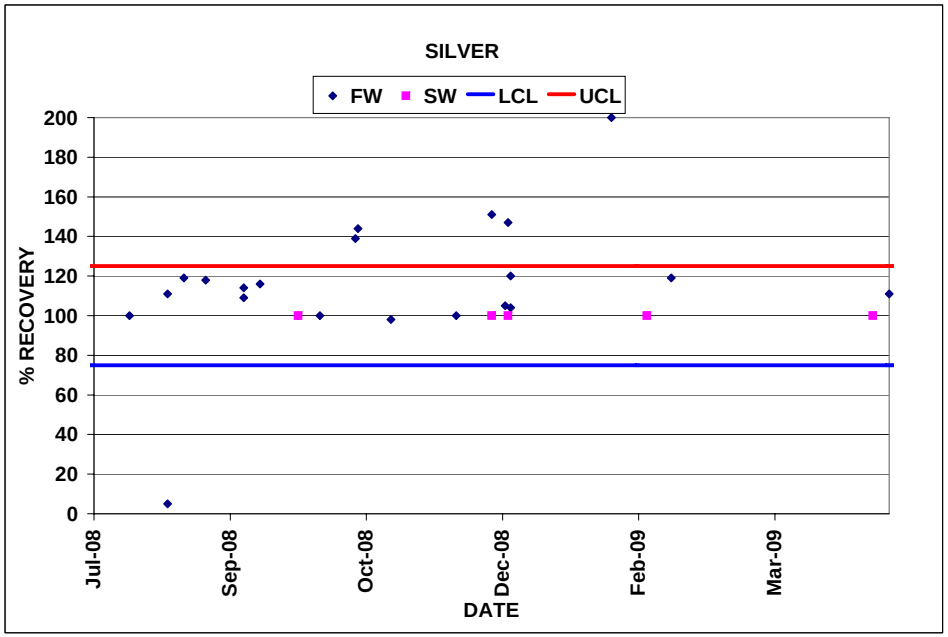
Quality Assurance/ Quality Control
Annual QA/QC Summary

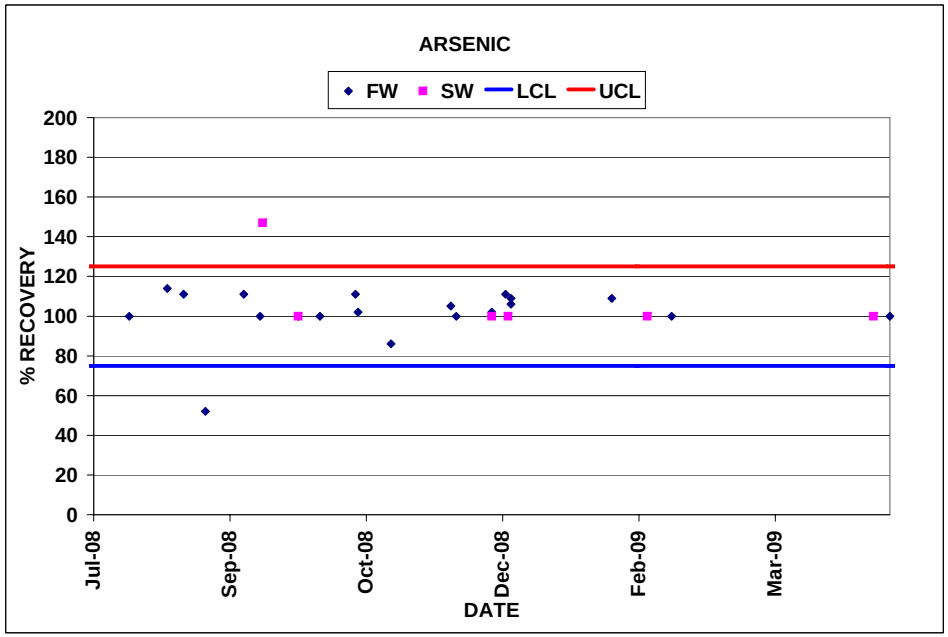
	Total Samples	Bacteria Indicators		Nutrient		Trace Metal			Organophosphate Pesticides		Pesticides (Pyrethroids, Organochlorines, Herbicides, PCBs)		Semi-Volatile Organic Carbon		Oil & Grease		Glyphosate		Methylene Blue Acitvated Surfactants (MBAS)	
		FW	SW	FW	SW	FW	SED	SW	FW	SW	FW	SED	FW	SW	FW	SW	FW	SW	FW	SW
Total Number of Samples	12473	2691	2808	723	487	1269	93	264	802	130	130	134	67	18	488	123	218	123	33	21
Duplicate	742	220	26	77	79	76	6	28	45	15	3	8	2	1	21	12	11	14	1	1
Equipment Blank	387	21		82	1	79		1	38	1	1	0	2	1	24		8		1	1
Synthetic	317	40	4	27	13	40		15	41	15	0	0	5		24	11			1	2
Trip Blank	801	237	9	89	40	74		22	66	22	10	0	7	2	30	15	27	17	4	3
Percent Totals by Category		**FW**	**SW**	**FW**	**SW**	**FW**	**SED**	**SW**	**FW**	**SW**	**FW**	**SED**	**FW**	**SW**	**FW**	**SW**	**FW**	**SW**	**FW**	**SW**
Percent QA Samples	18.0	19.2	1.4	38.0	27.3	21.2	6.5	25.0	23.7	40.8	10.8	6.0	23.9	22.2	20.3	30.9	21.1	25.2	21.2	33.3
Duplicate	5.9	8.1	0.9	10.6	16.2	5.9	6.4	10.6	5.6	11.5	2.3	5.9	2.9	5.5	4.3	9.7	5	11.3	3	4.7
Equipment Blank	3.1	0.7	0	11.3	0.2	6.2	0	0.3	4.7	0.7	0.7	0	2.9	5.5	4.9	0	3.6	0	3	4.7
Synthetic	2.5	1.4	0.1	3.7	2.6	3.1	0	5.6	5.1	11.5	0	0	7.4	0	4.9	8.9	0	0	3	9.5
Trip Blank	6.4	8.8	0.3	12.3	8.2	5.8	0	8.3	8.2	16.9	7.6	0	10.4	11.1	6.1	12.1	12.3	13.8	12.1	14.2

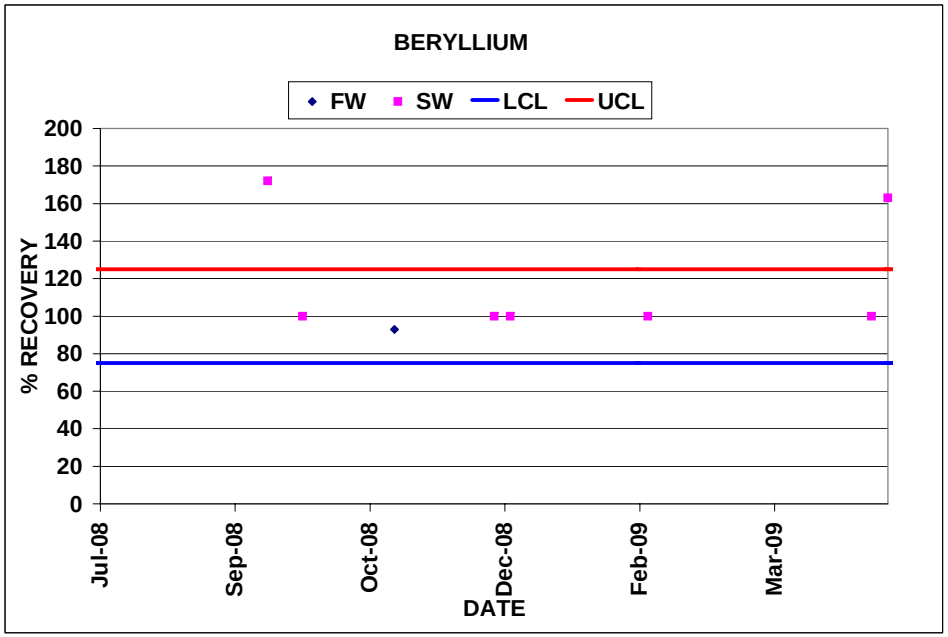
	General Mineral	Chloride, Sulfate	Total Organic Carbon			Total Suspended Solids	
	FW	FW	FW	SW	SED	FW	SW
Total Number of Samples	143	67	820	270	108	419	24
Duplicate	2	4	36	28	6	18	2
Equipment Blank	2	43	61	1	0	19	
Synthetic	17		30	13	2	17	
Trip Blank	20	13	51	22	0	17	4
Percent Totals by Category	**FW**	**FW**	**FW**	**SW**	**SED**	**FW**	**SW**
Percent QA Samples	28.7	89.6	21.7	23.7	7.4	16.9	25.0
Duplicate	1.3	5.9	4.3	10.3	5.5	4.2	8.3
Equipment Blank	1.3	64.1	7.4	0.3	0	4.5	0
Synthetic	11.8	0	3.6	4.8	1.8	4	0
Trip Blank	13.9	19.4	6.2	8.1	0	4	16.6

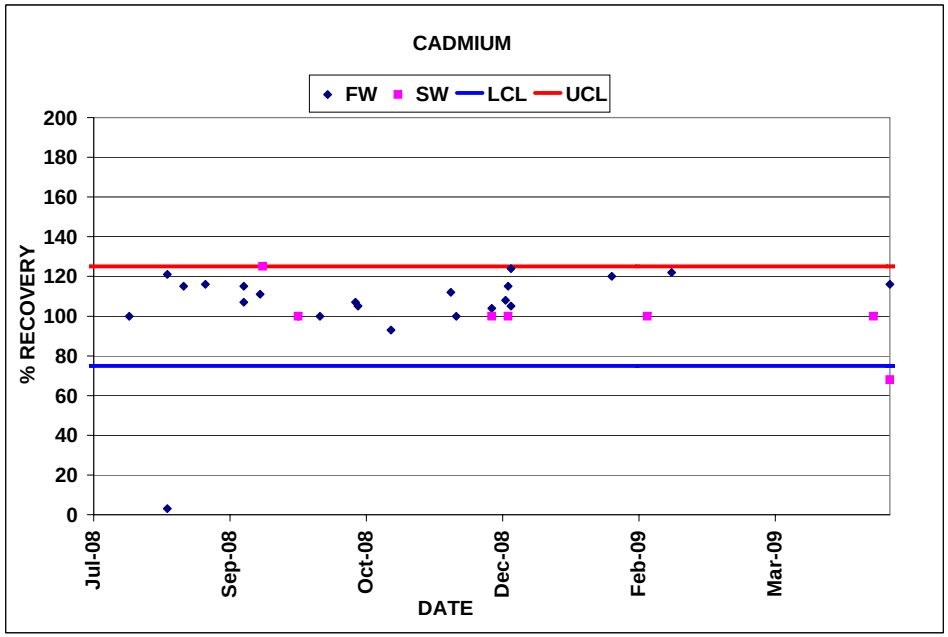
FW *-Fresh Water*
SW *- Sea Water*
SED *- Sediment*

Quality Assurance/ Quality Control
Accuracy of Trace Metals

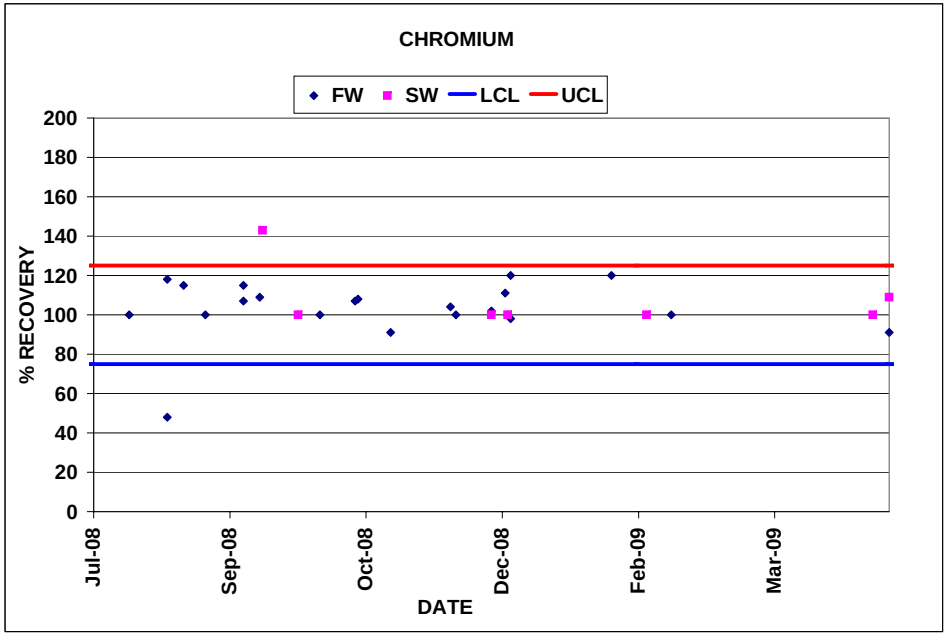


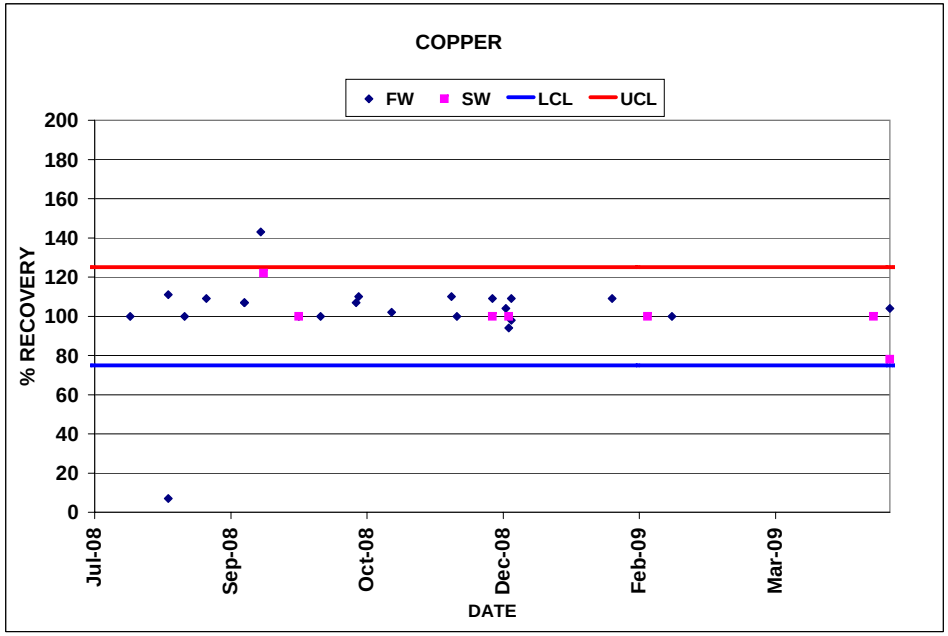


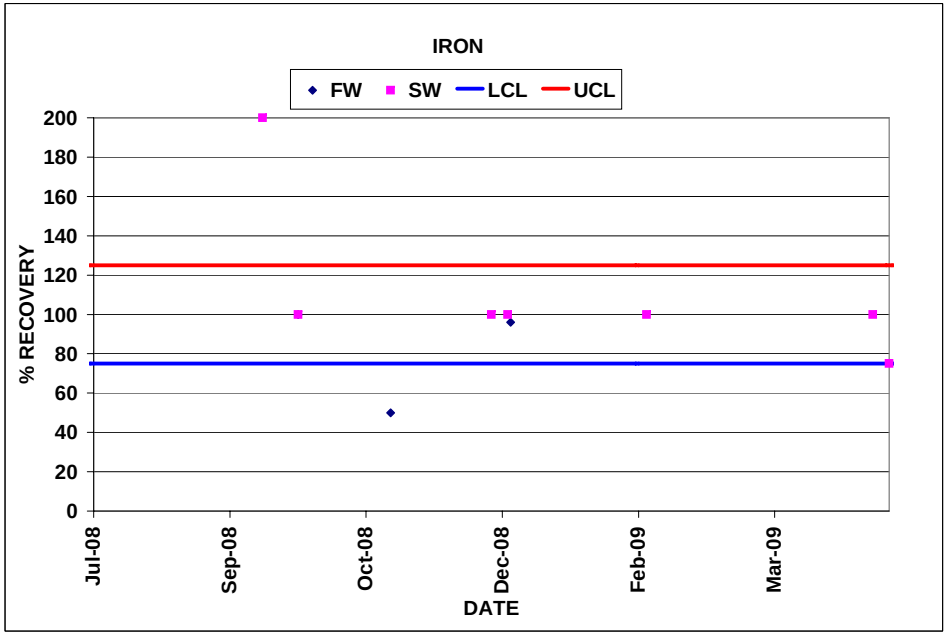


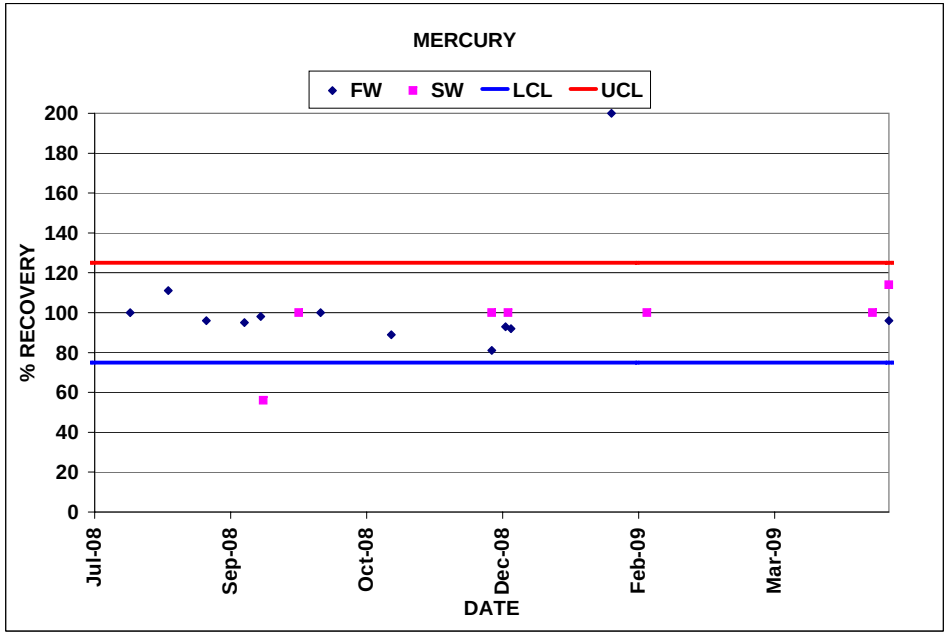


Quality Assurance/ Quality Control
Accuracy of Trace Metals

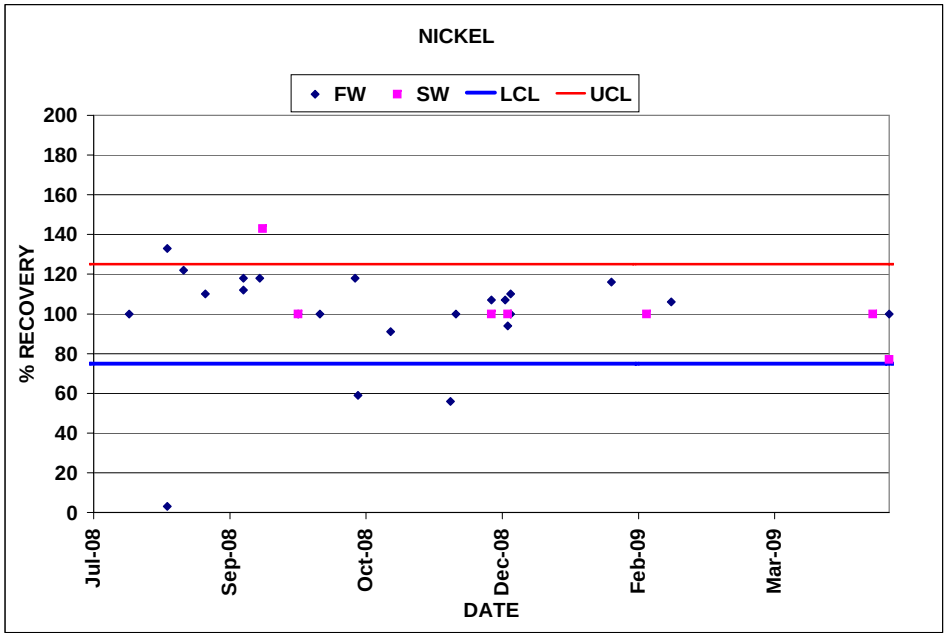


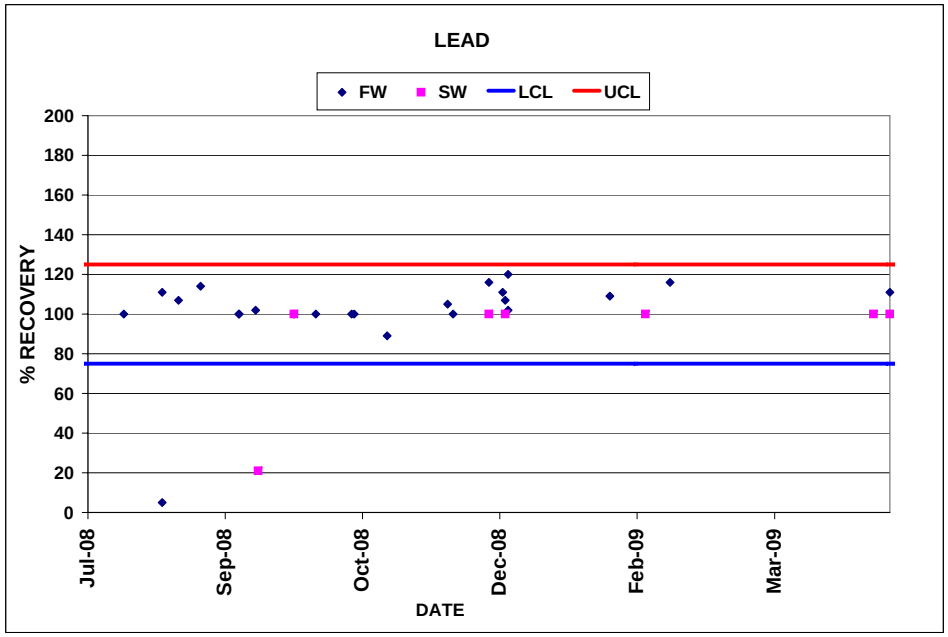


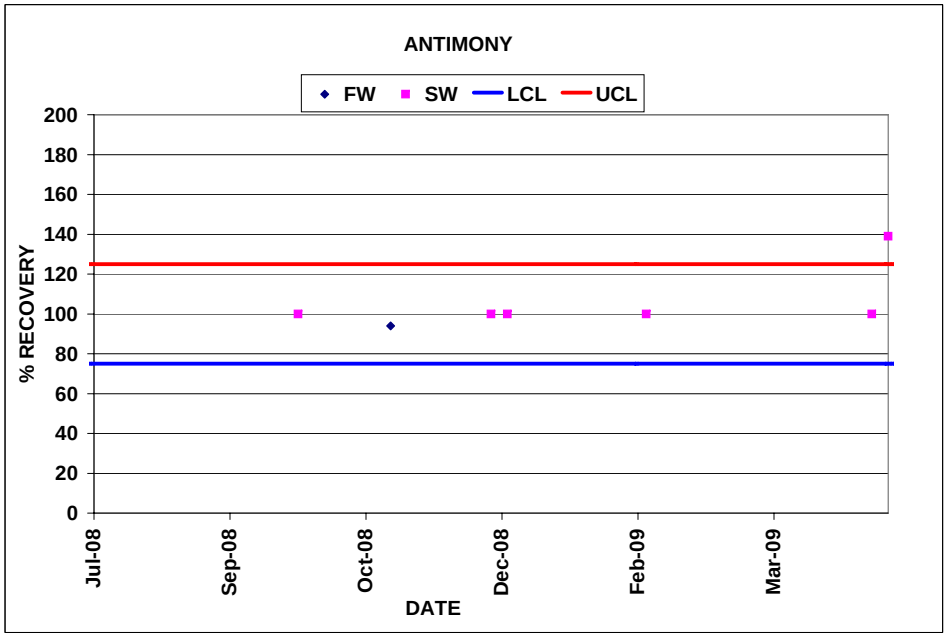


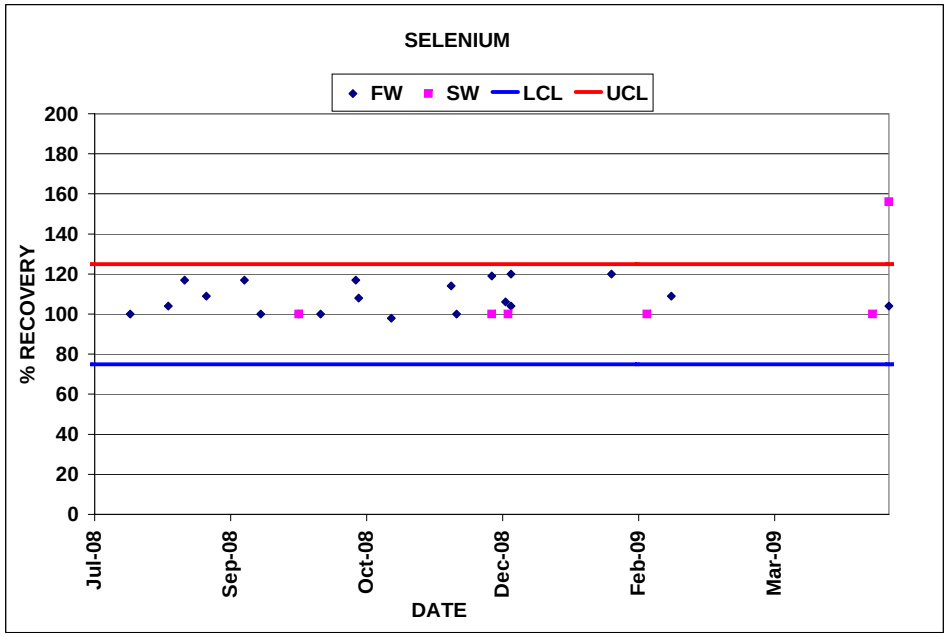


Quality Assurance/ Quality Control
Accuracy of Trace Metals









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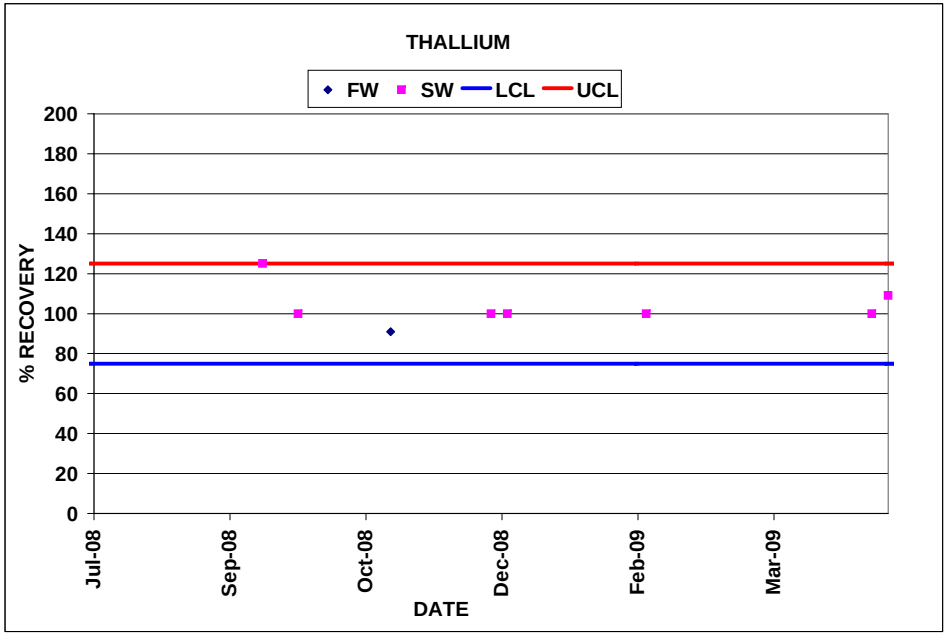
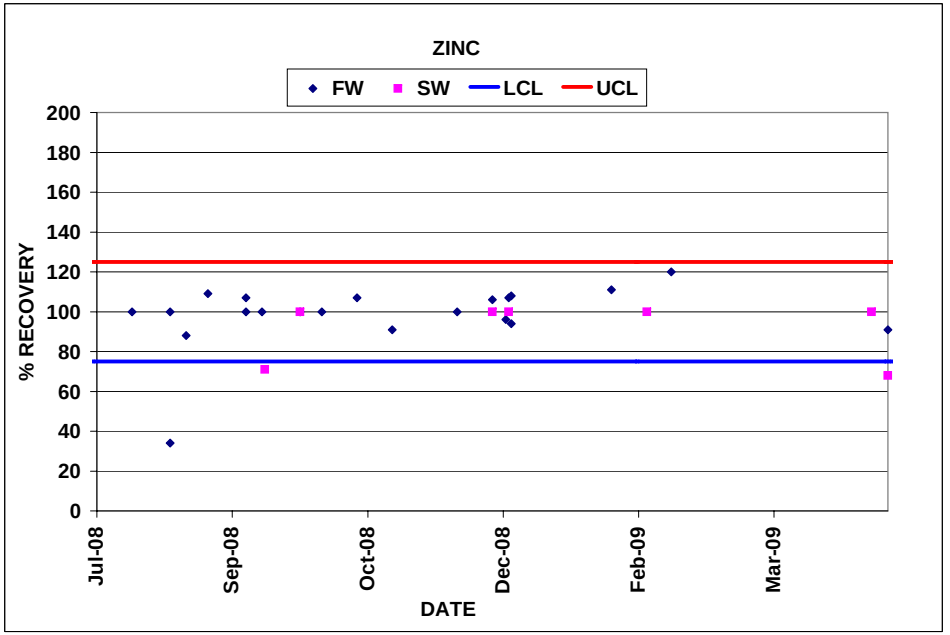
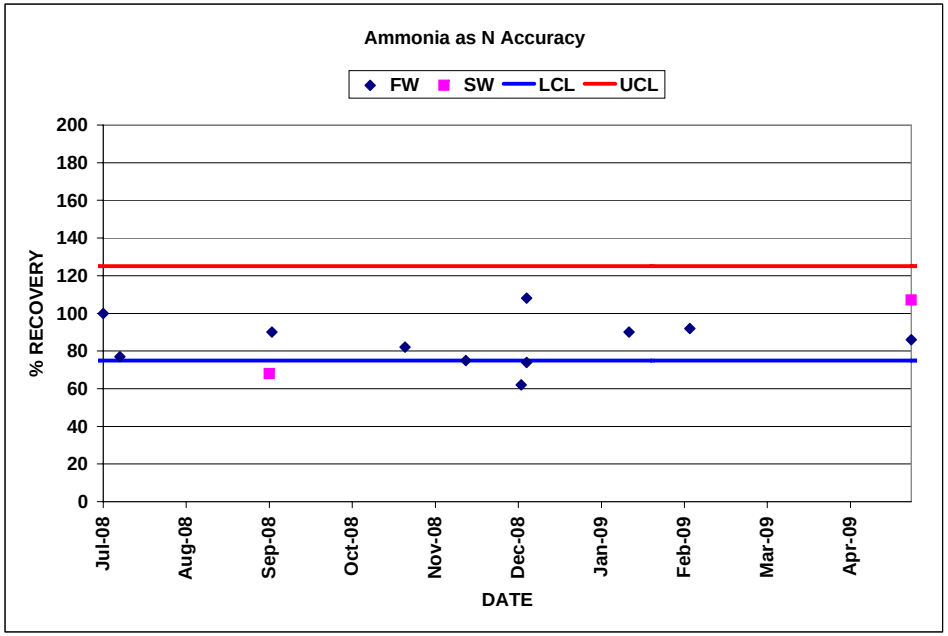
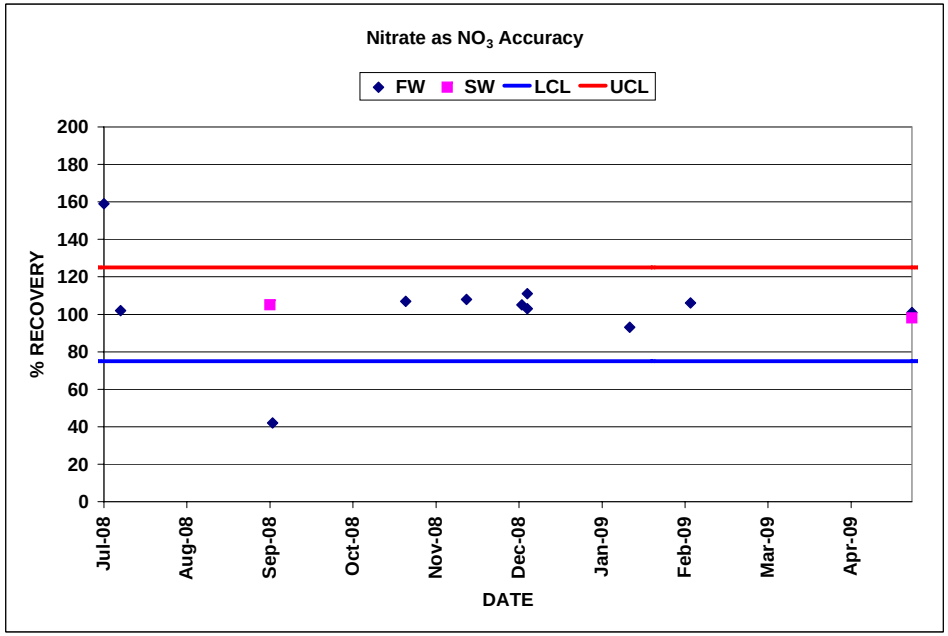
Accuracy of Trace Metals

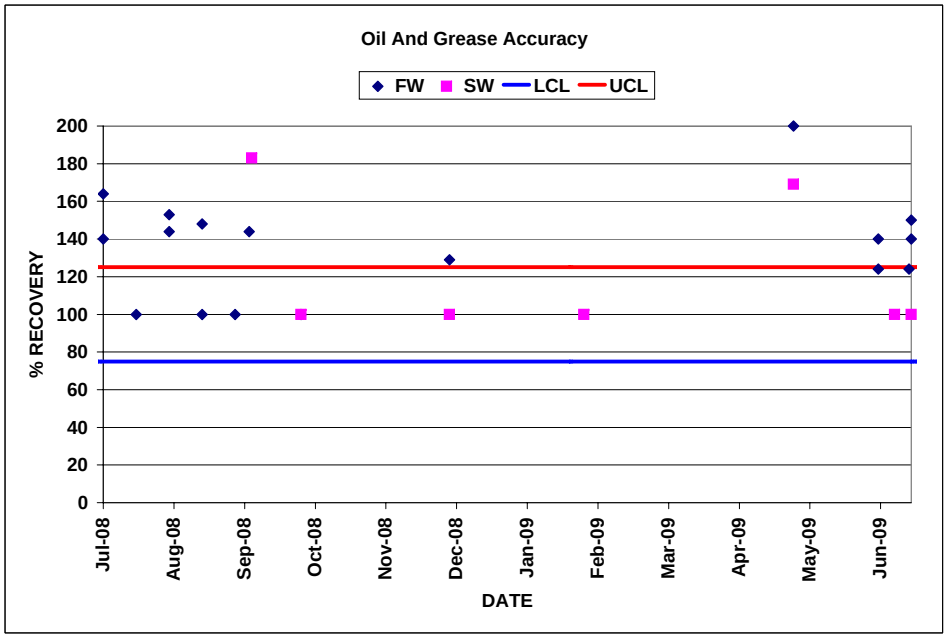


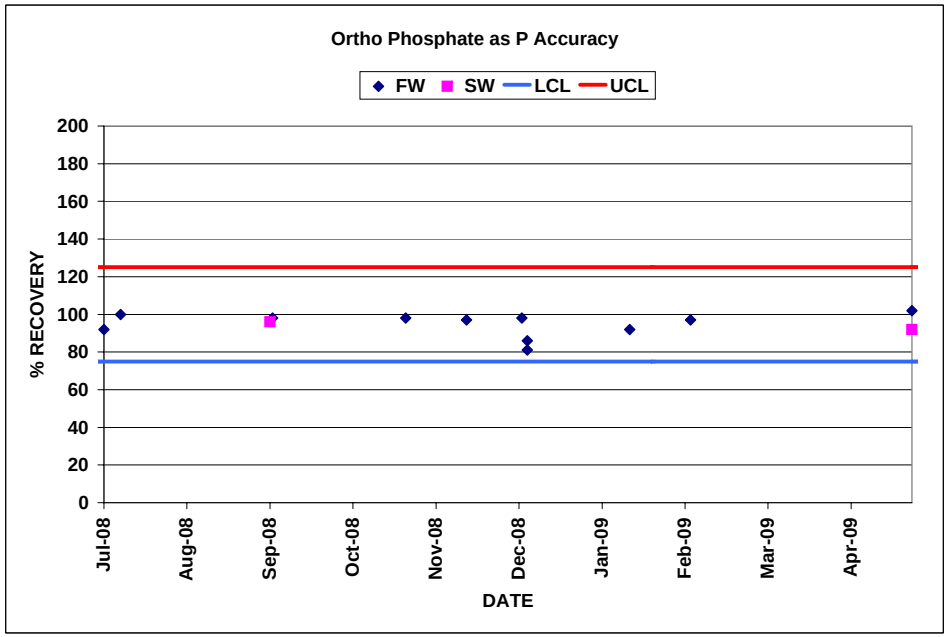


Quality Assurance/ Quality Control
Accuracy of Nutrients









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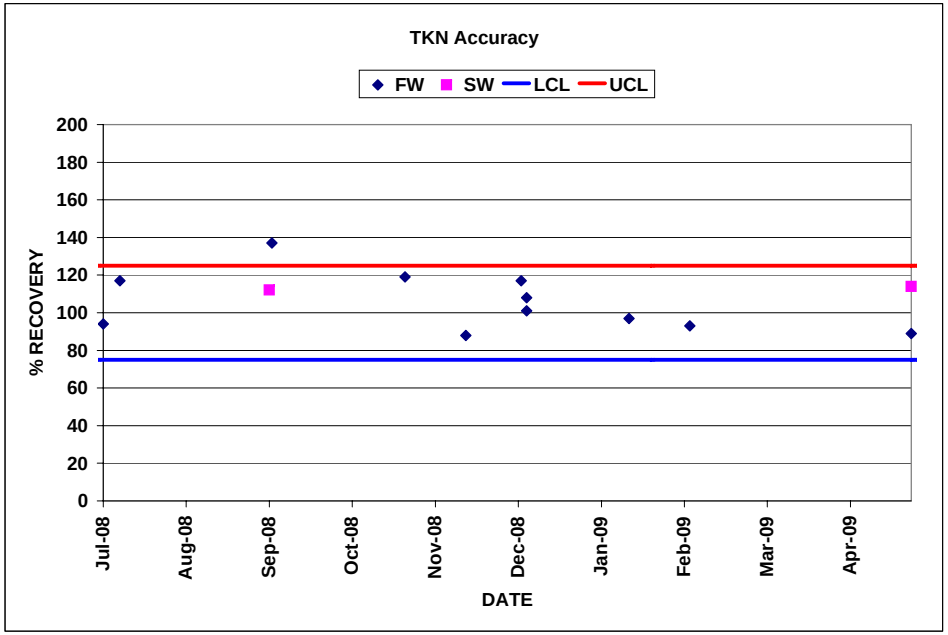
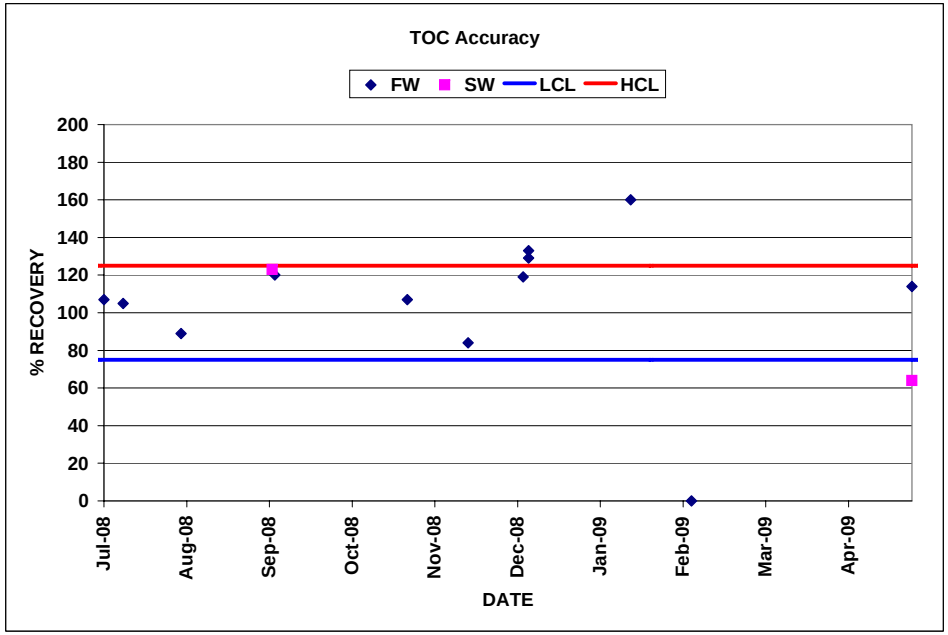
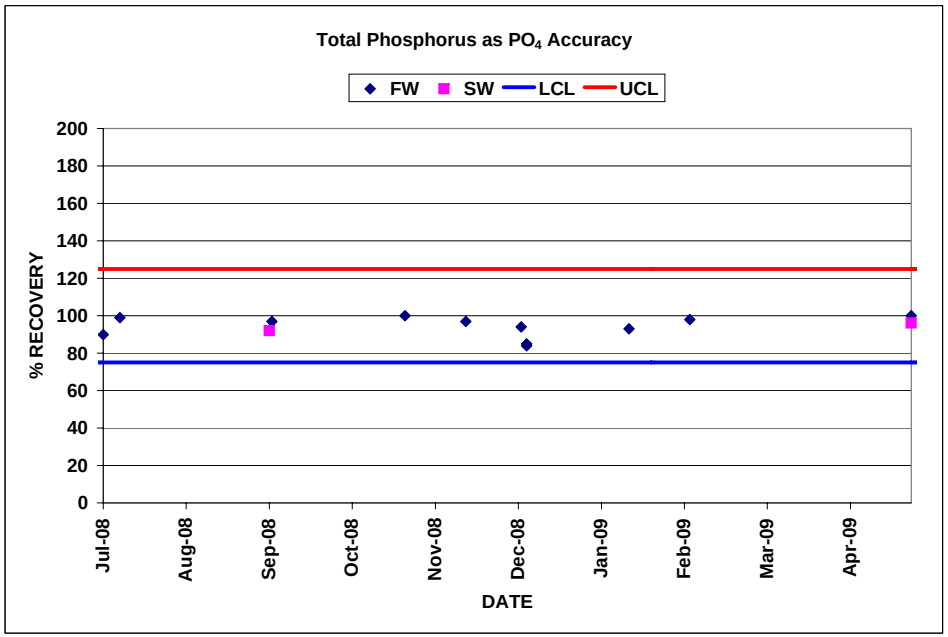
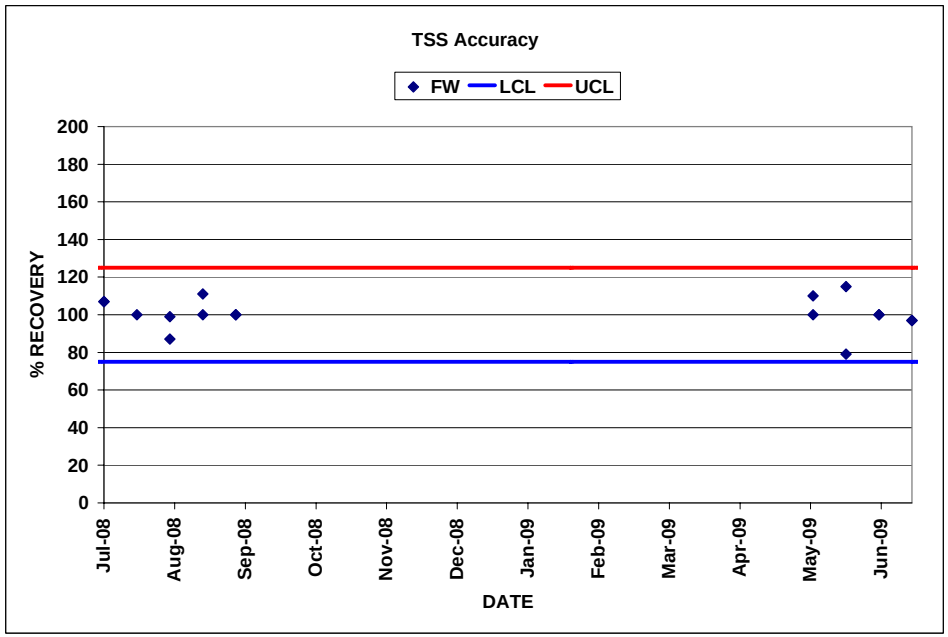
Accuracy of Nutrients









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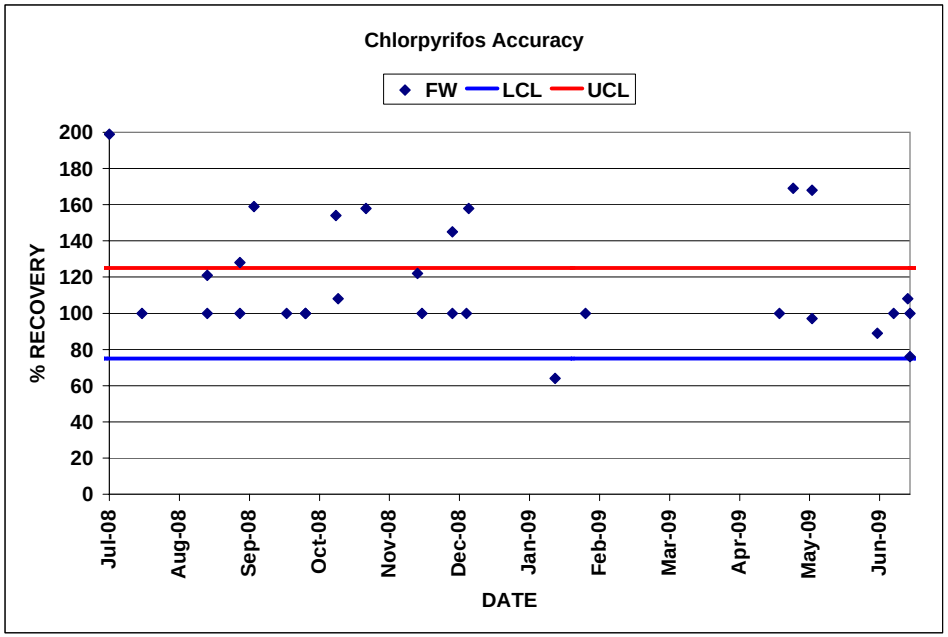
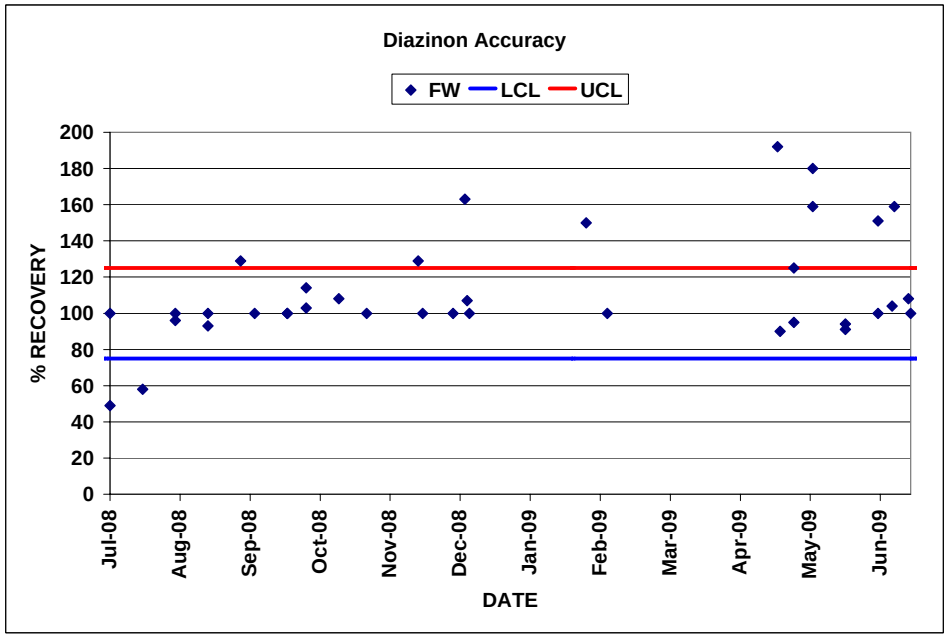
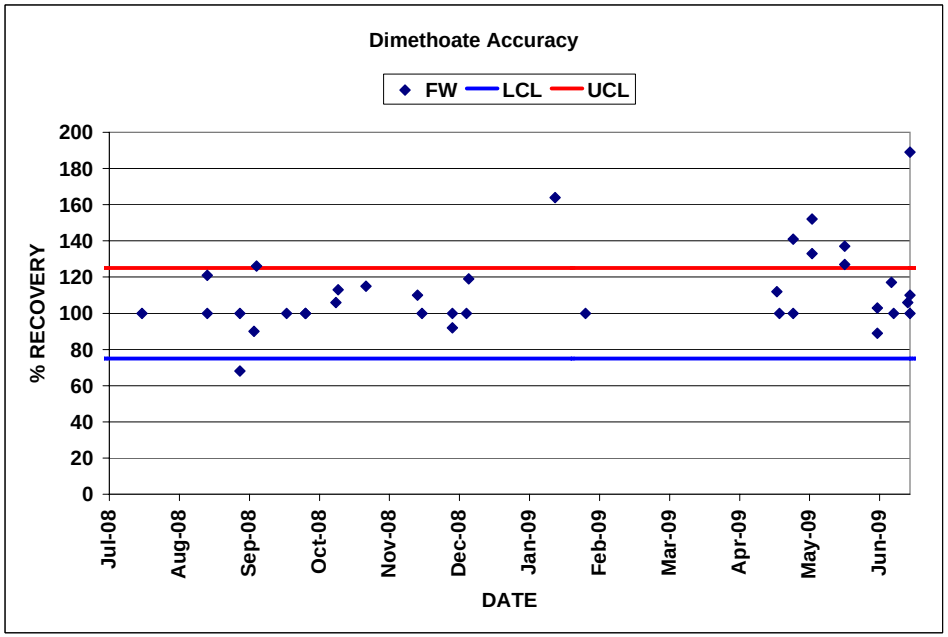
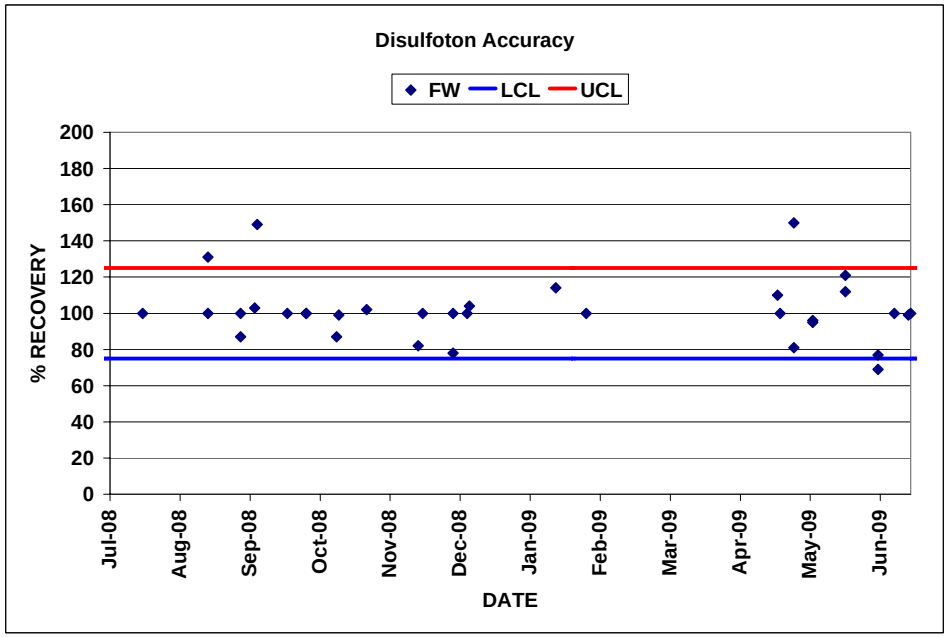
Accuracy of Trace Metals









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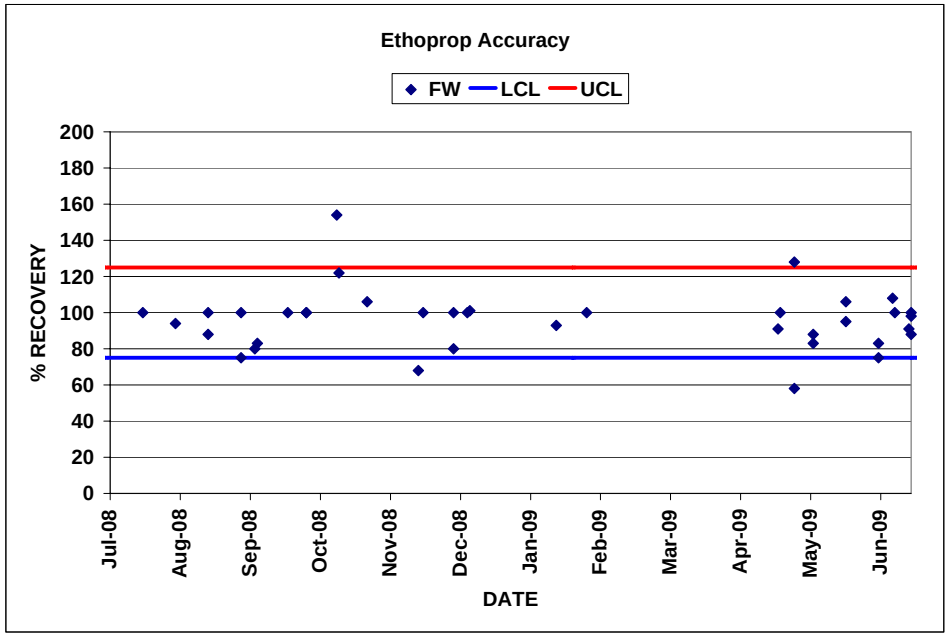
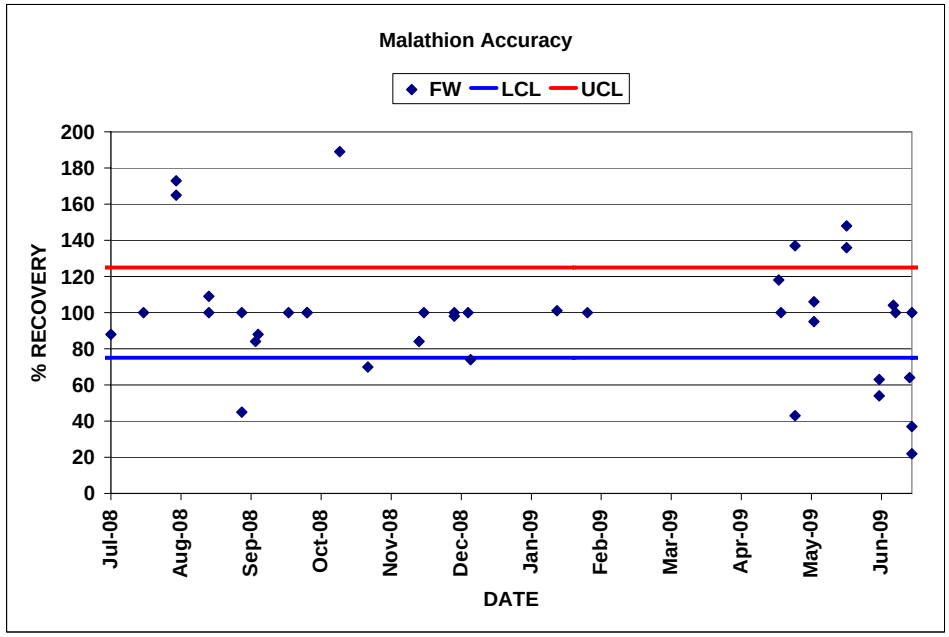
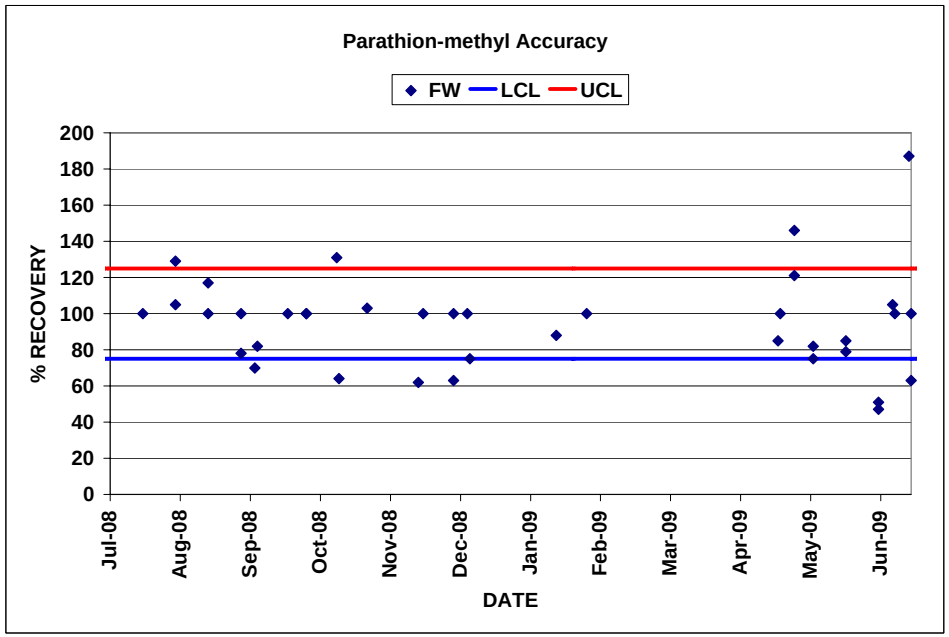
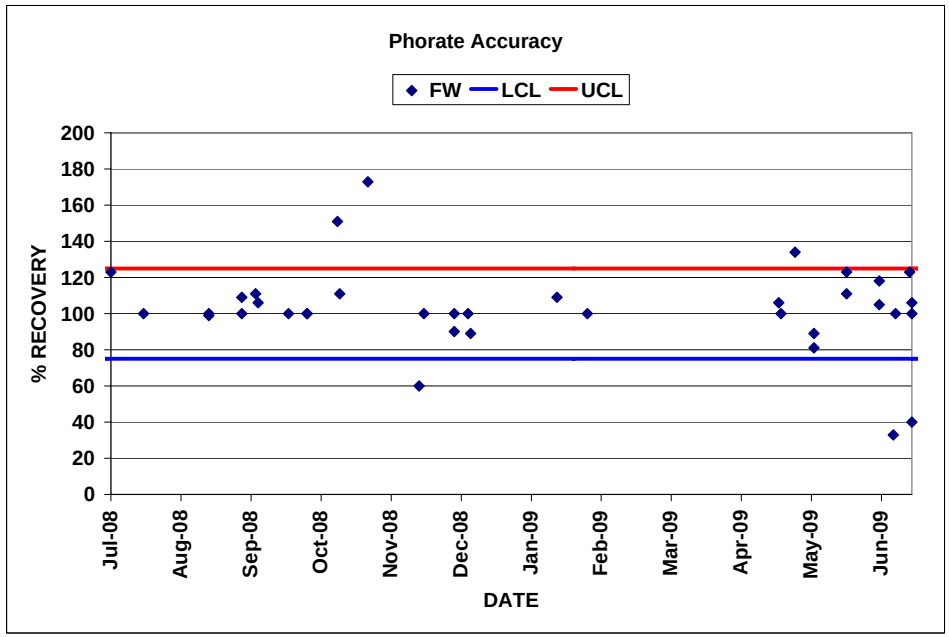
Accuracy of Trace Metals









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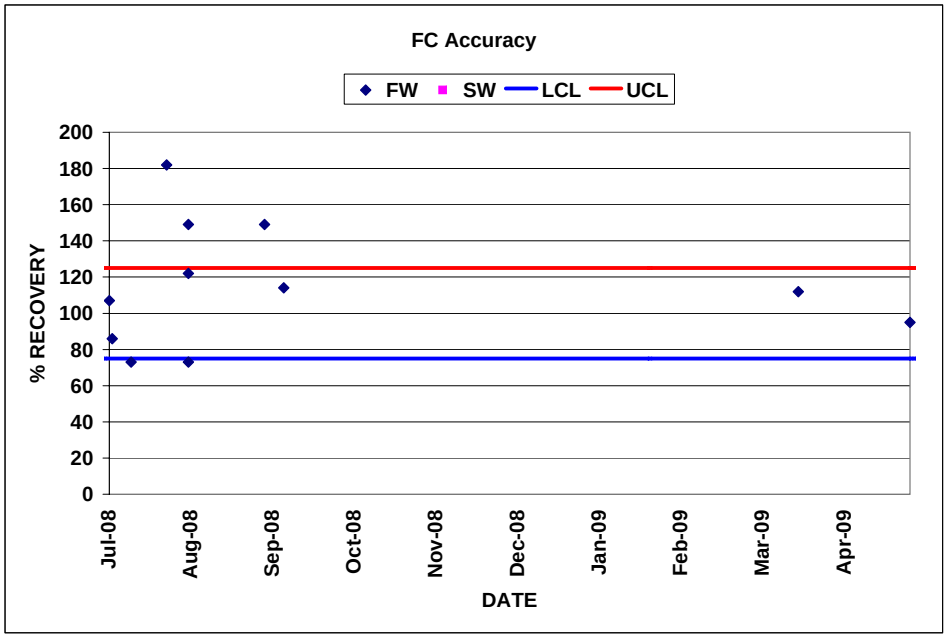
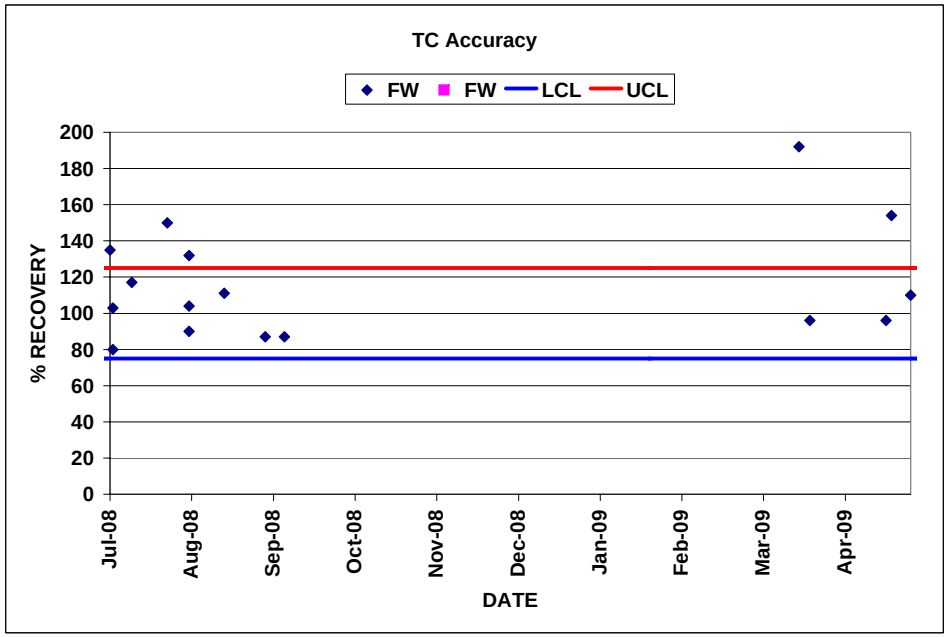
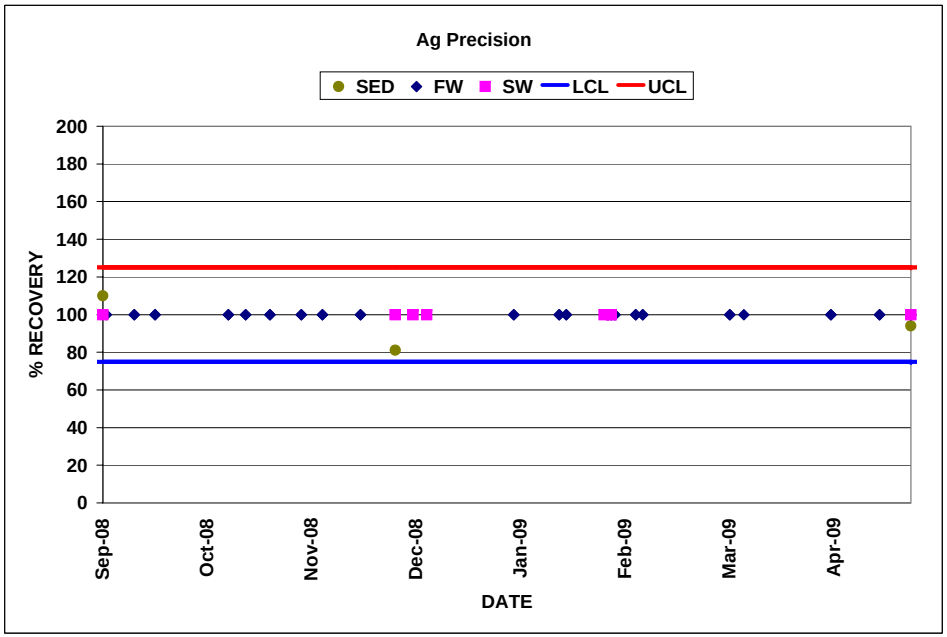
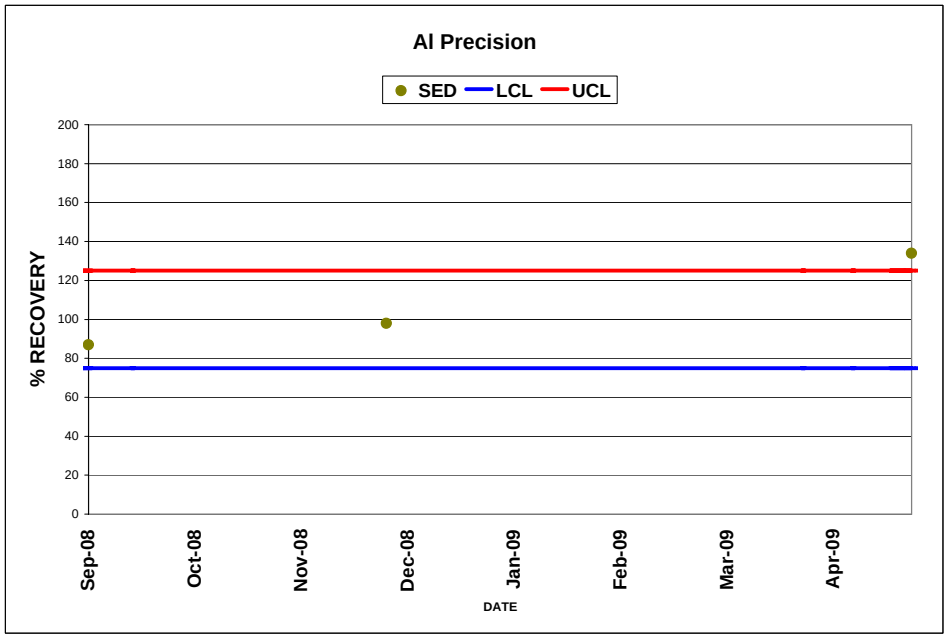
Accuracy of Trace Metals

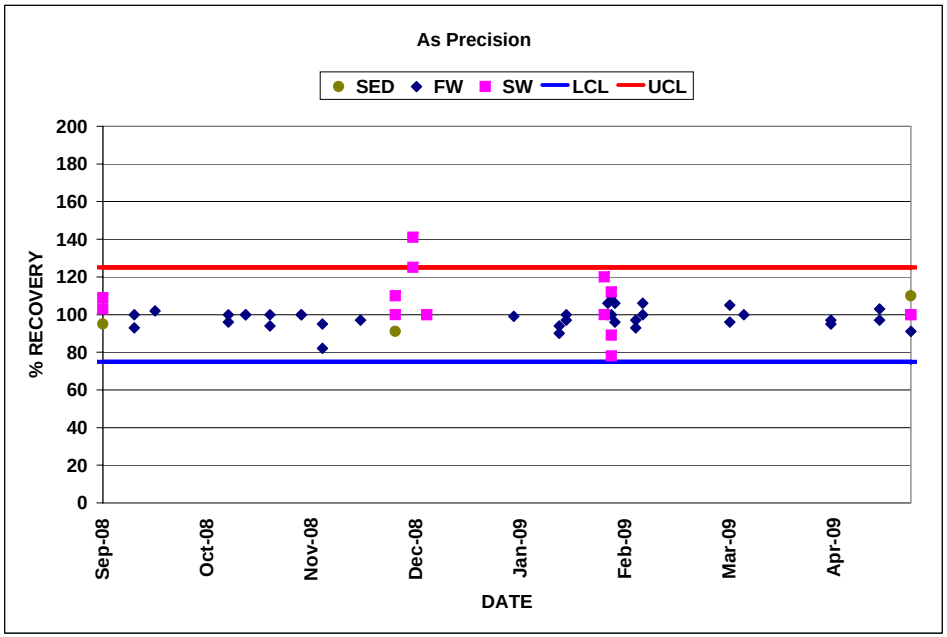


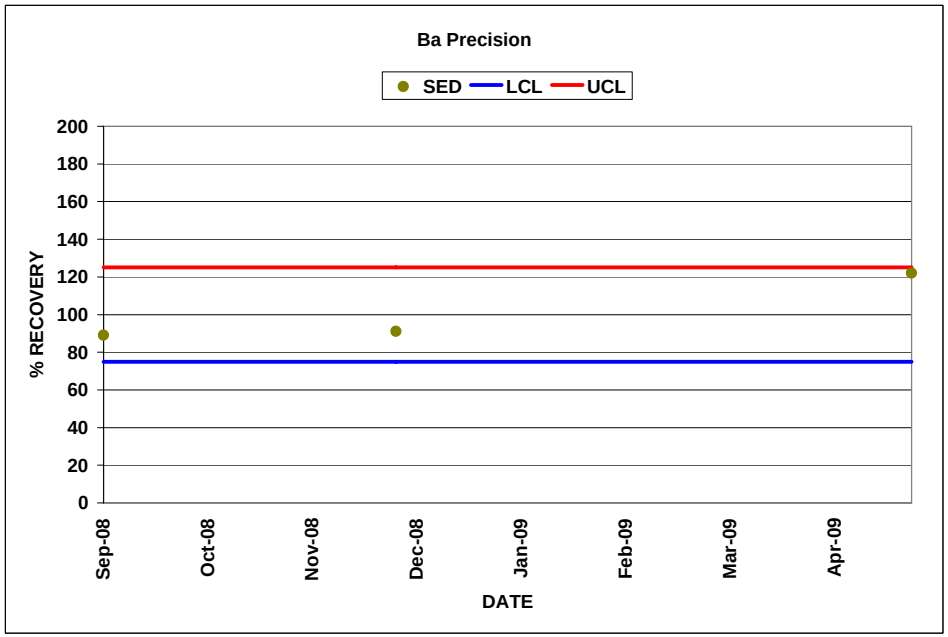


Quality Assurance/ Quality Control
Precision of Nutrient Analysis









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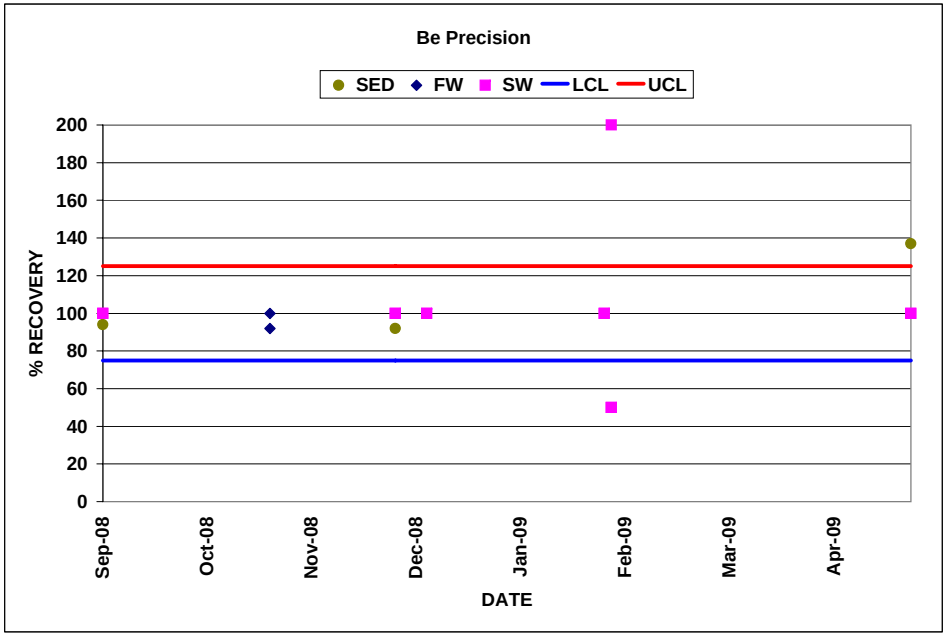
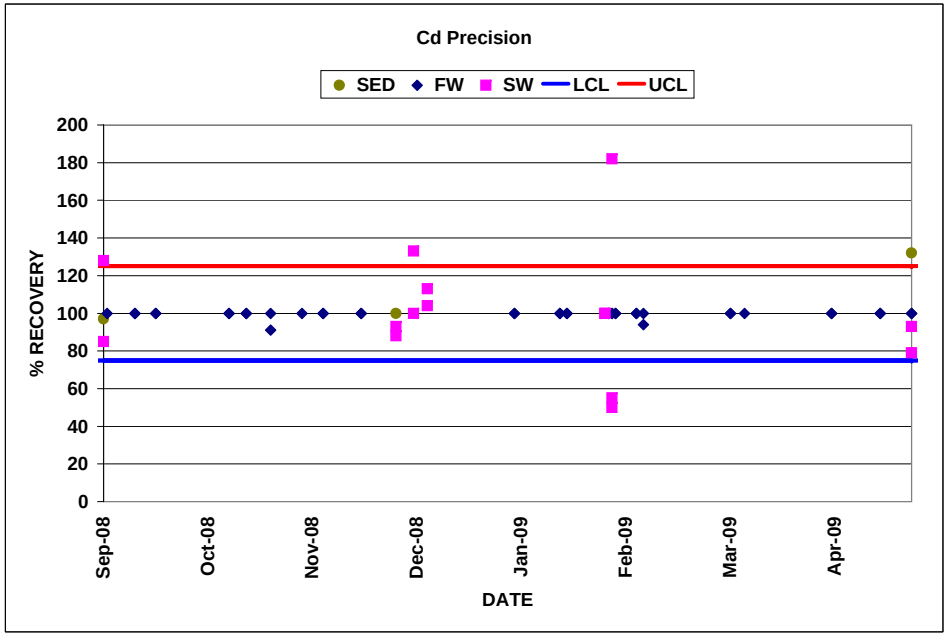
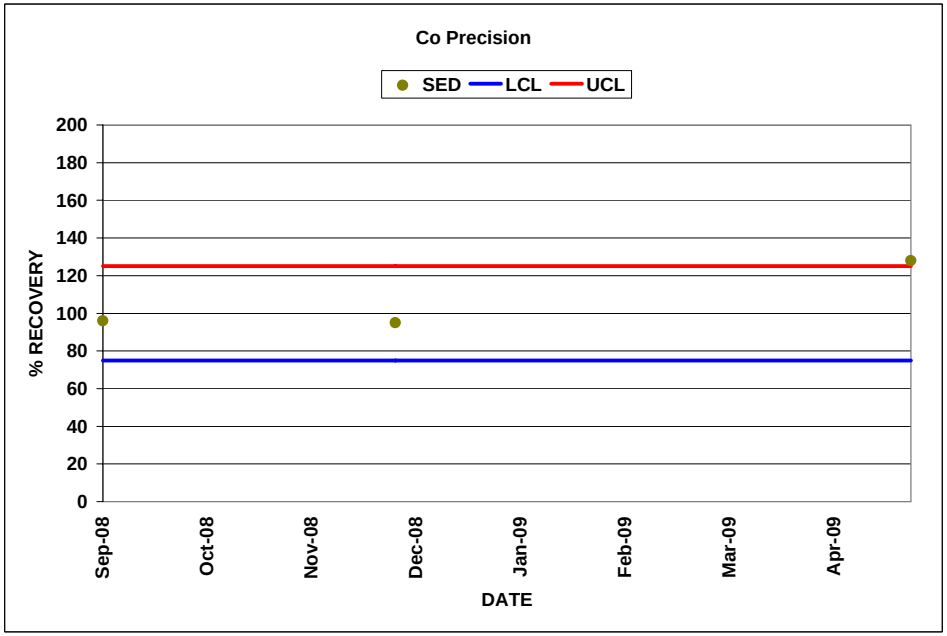
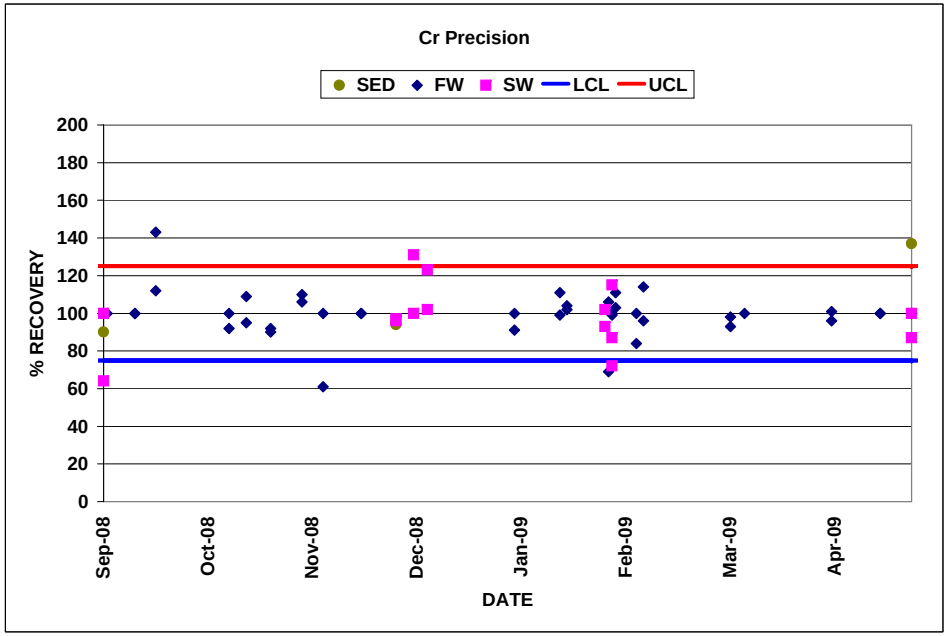
Precision of Nutrient Analysis









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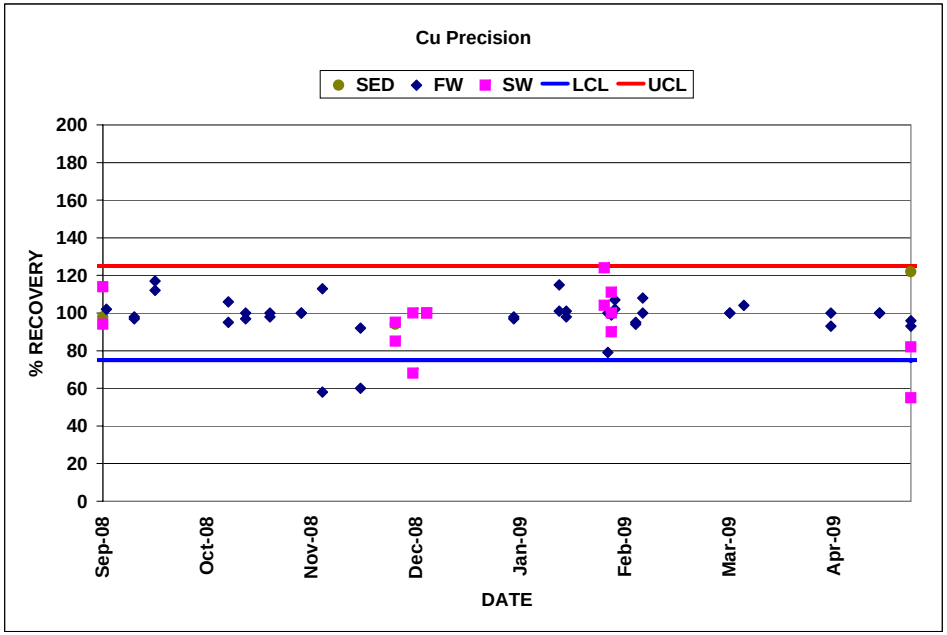
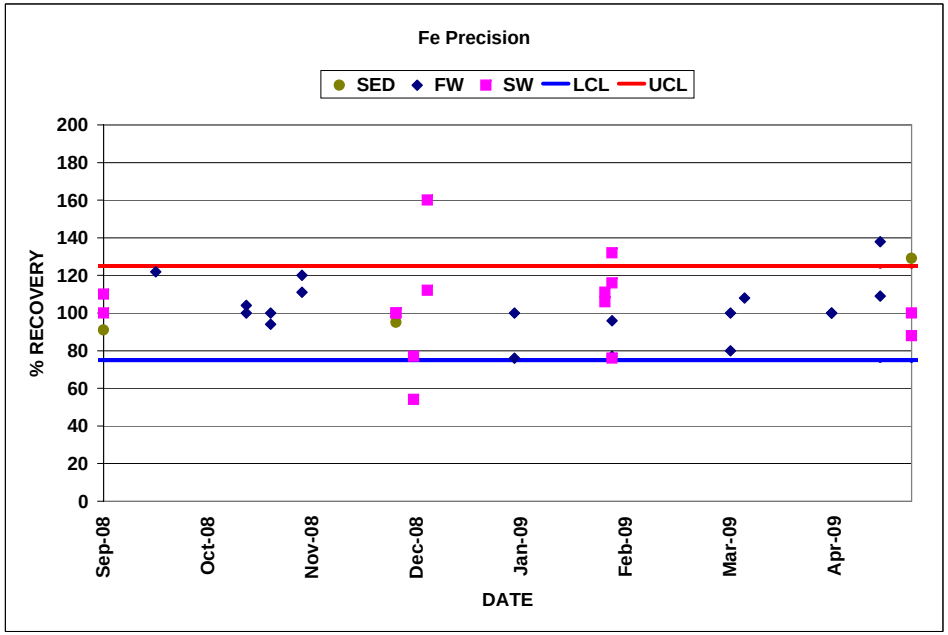
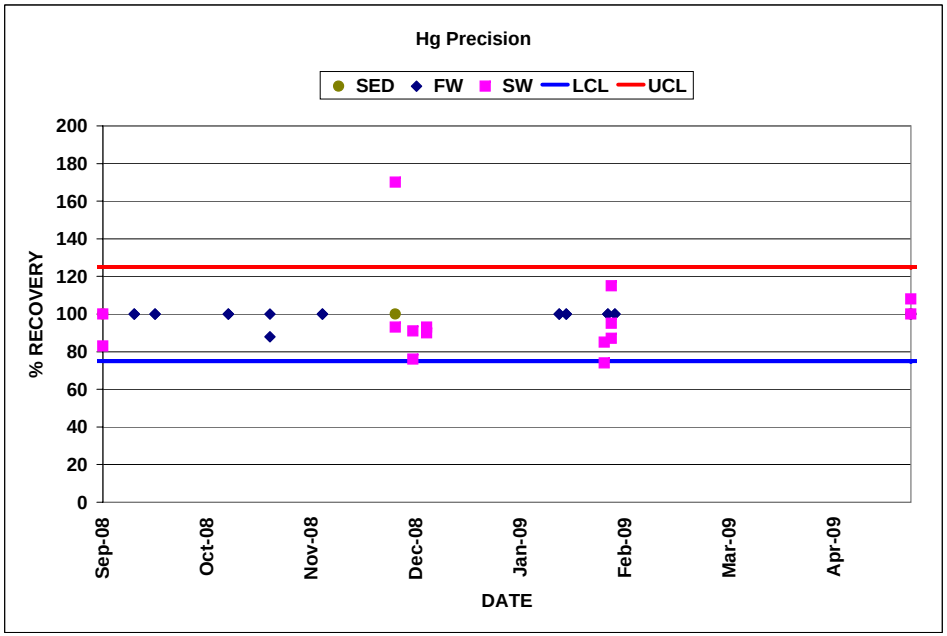
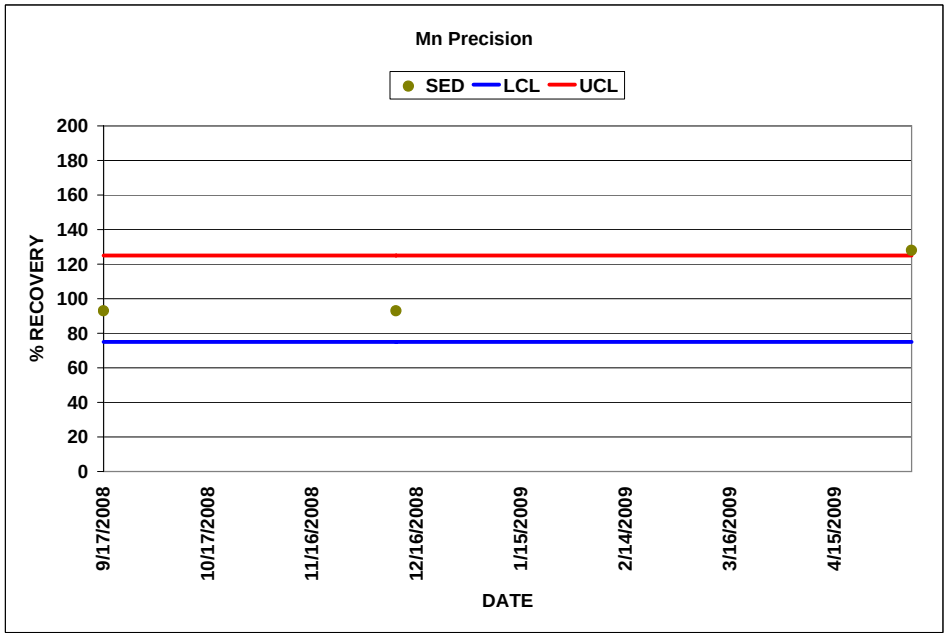
Precision of Nutrient Analysis









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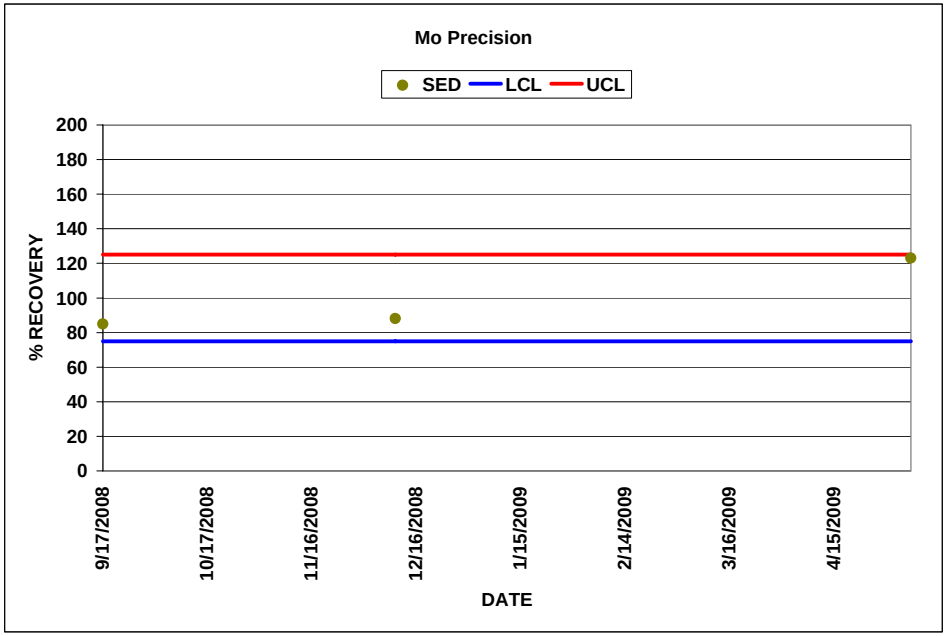
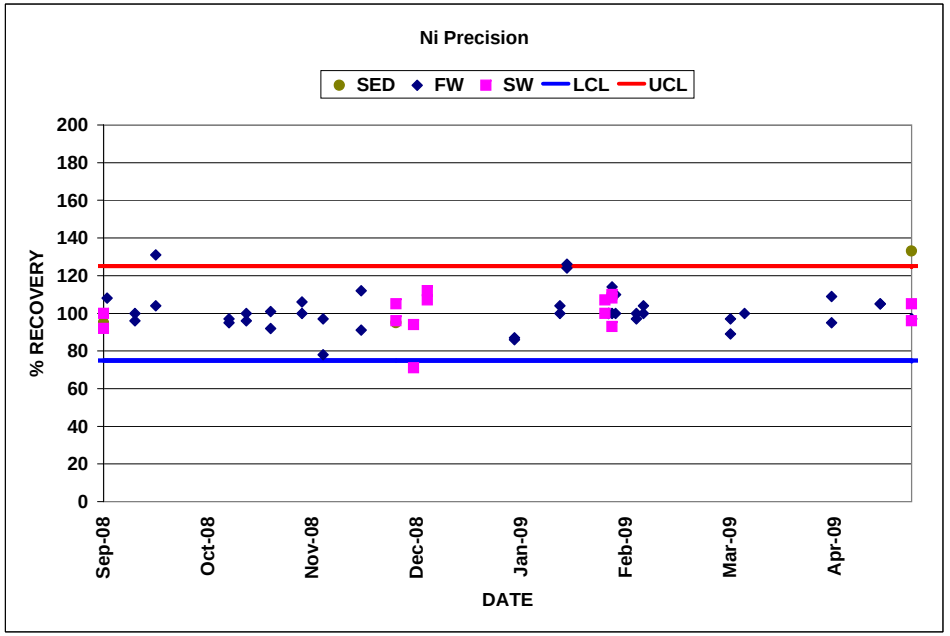
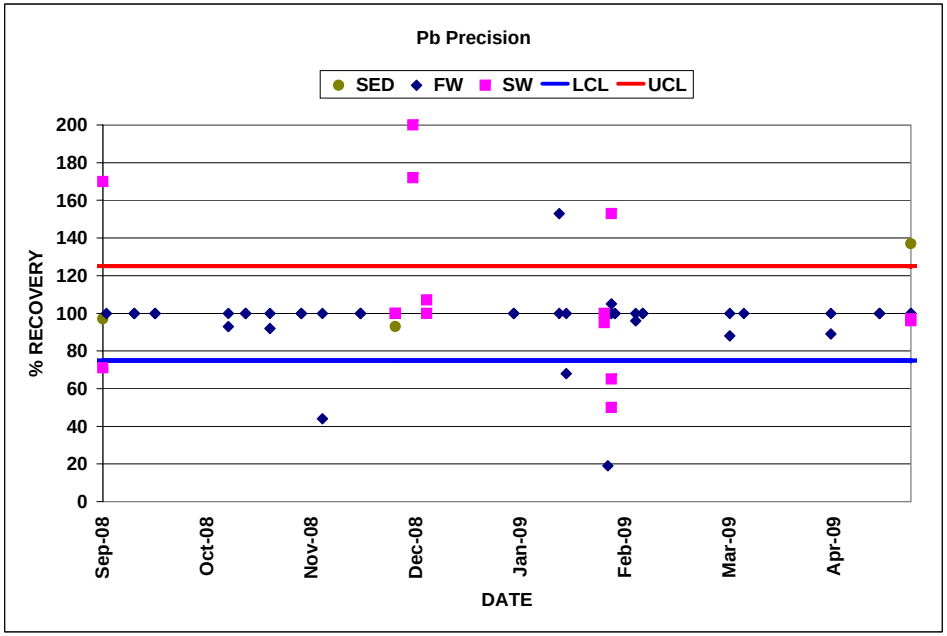
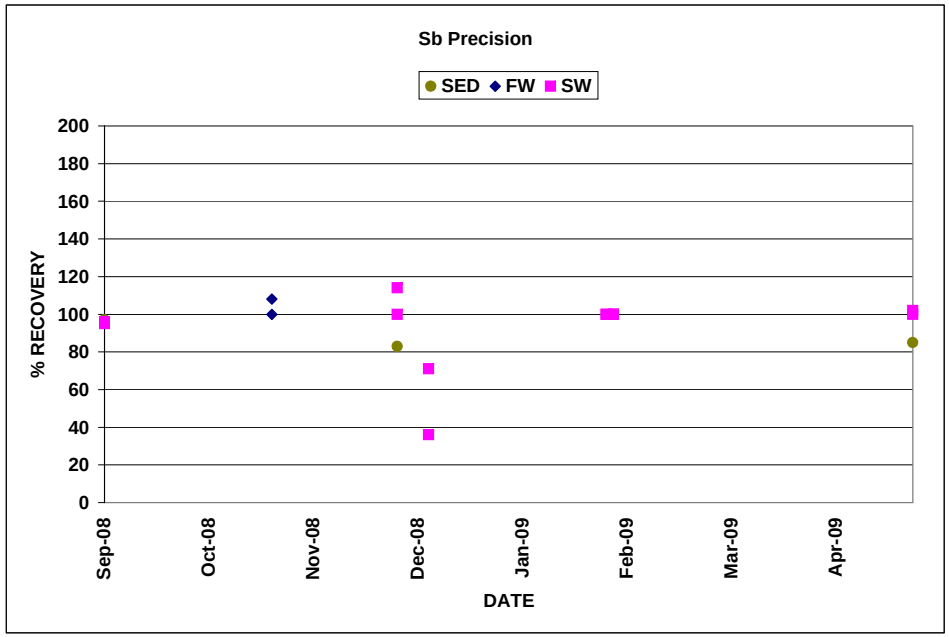
Precision of Nutrient Analysis









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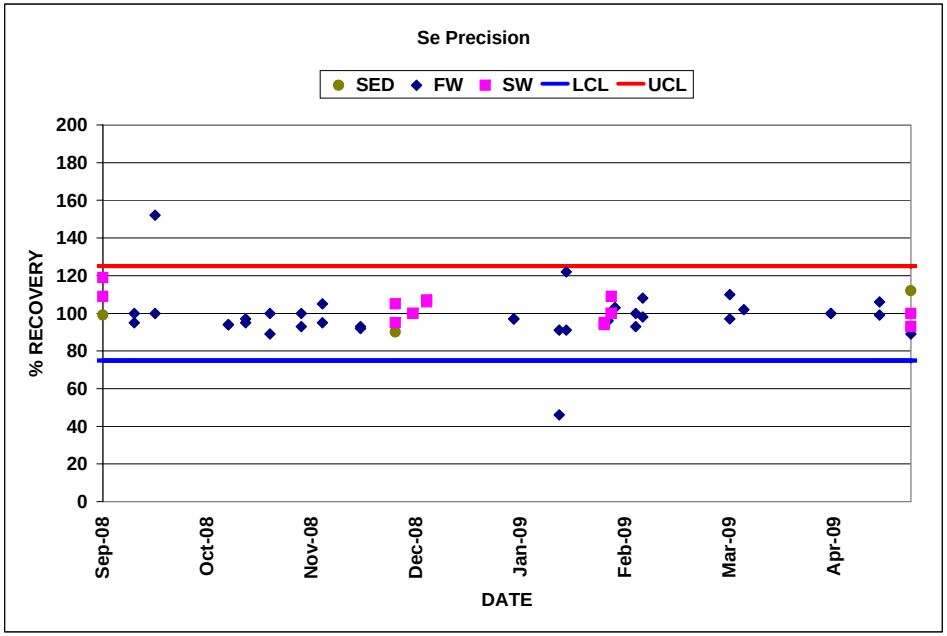
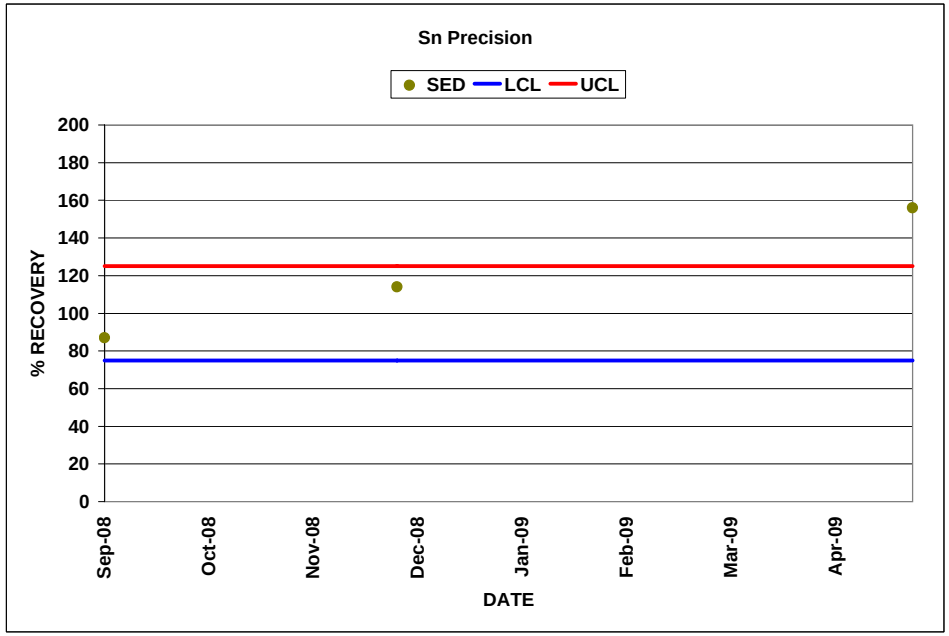
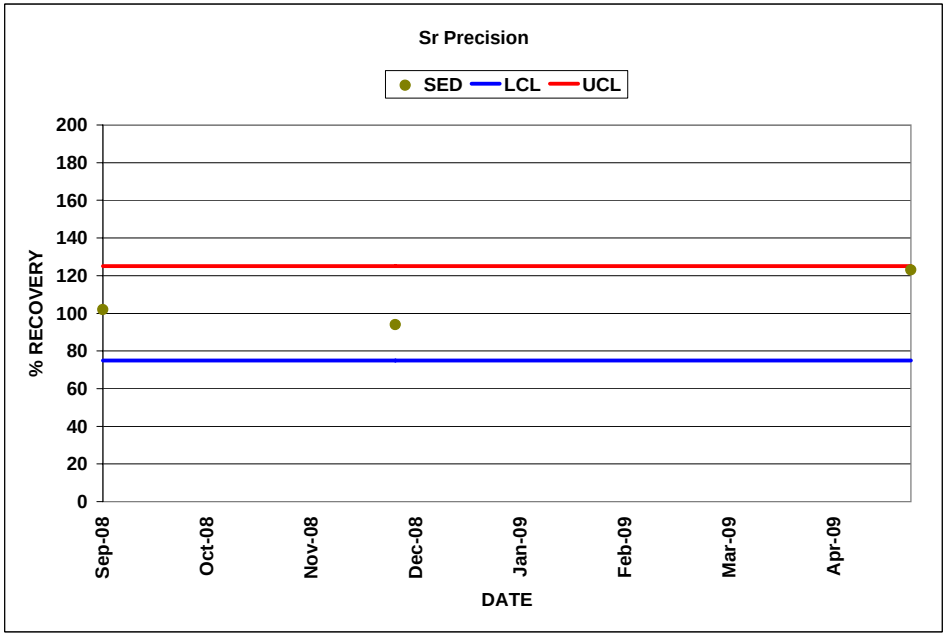
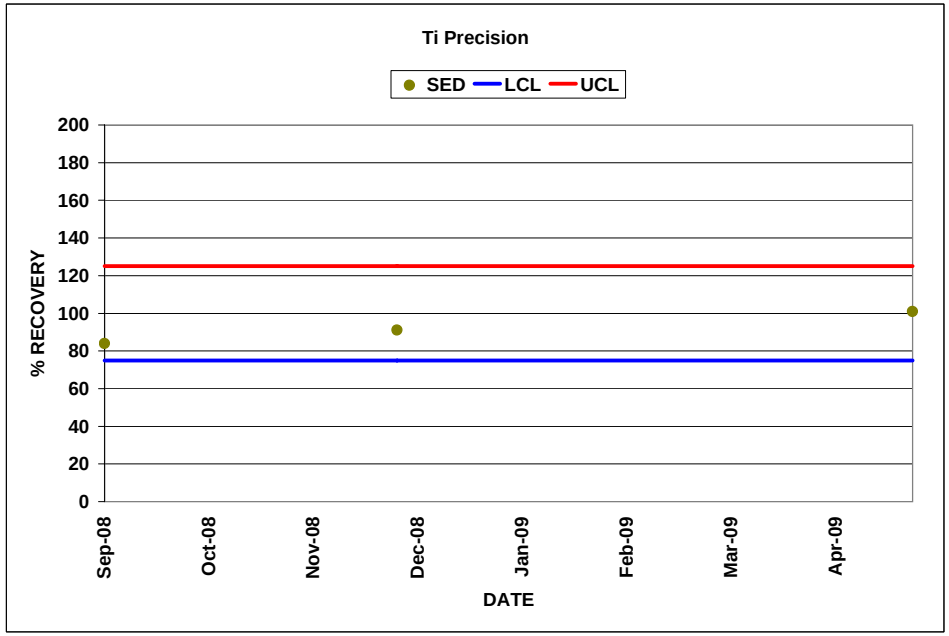
Precision of Nutrient Analysis

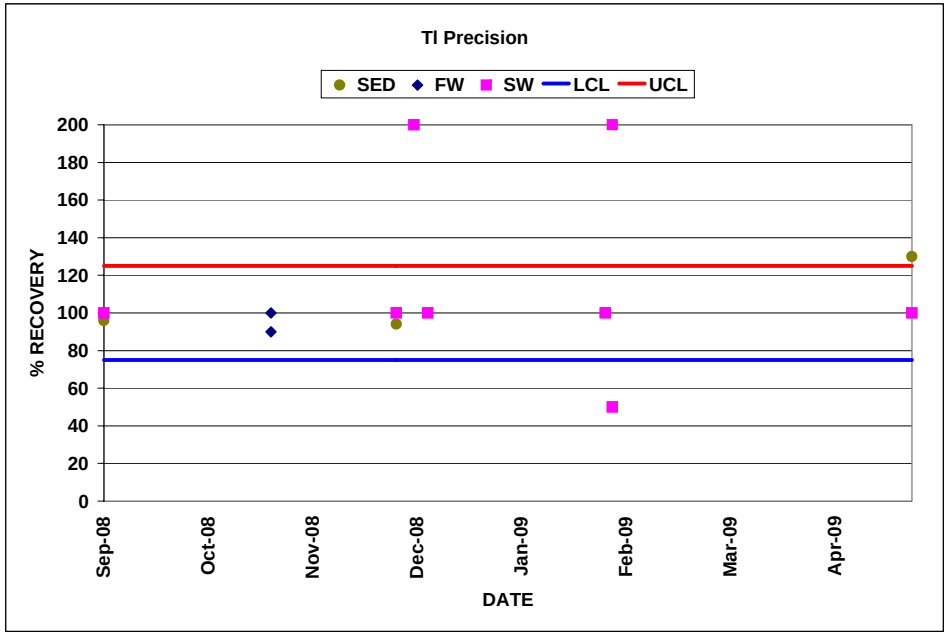


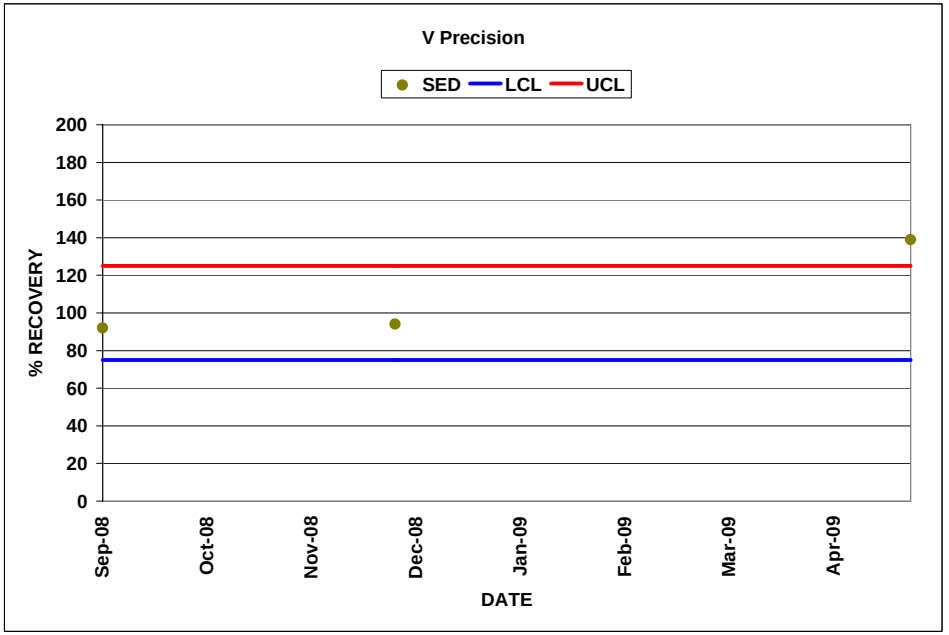


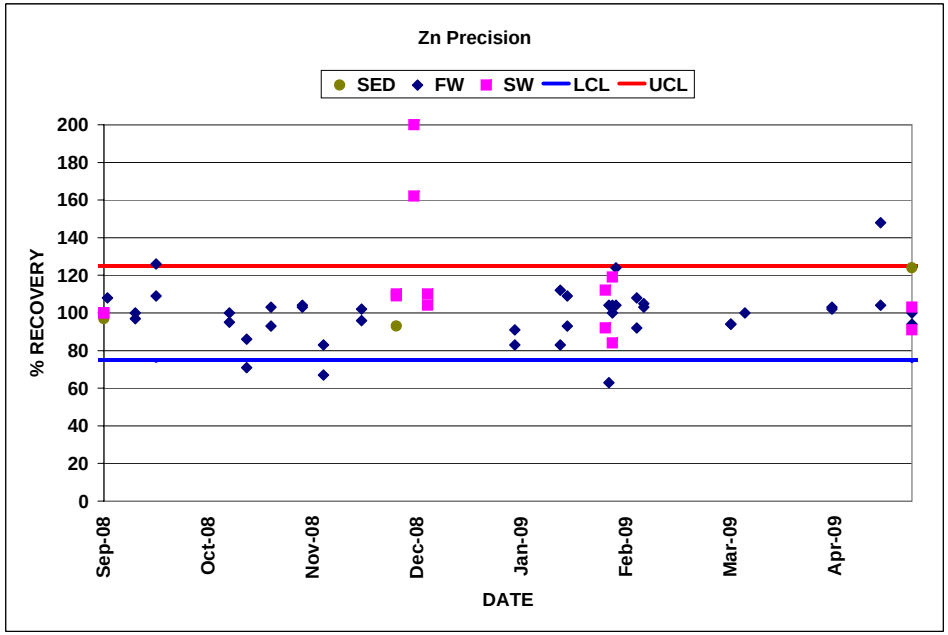




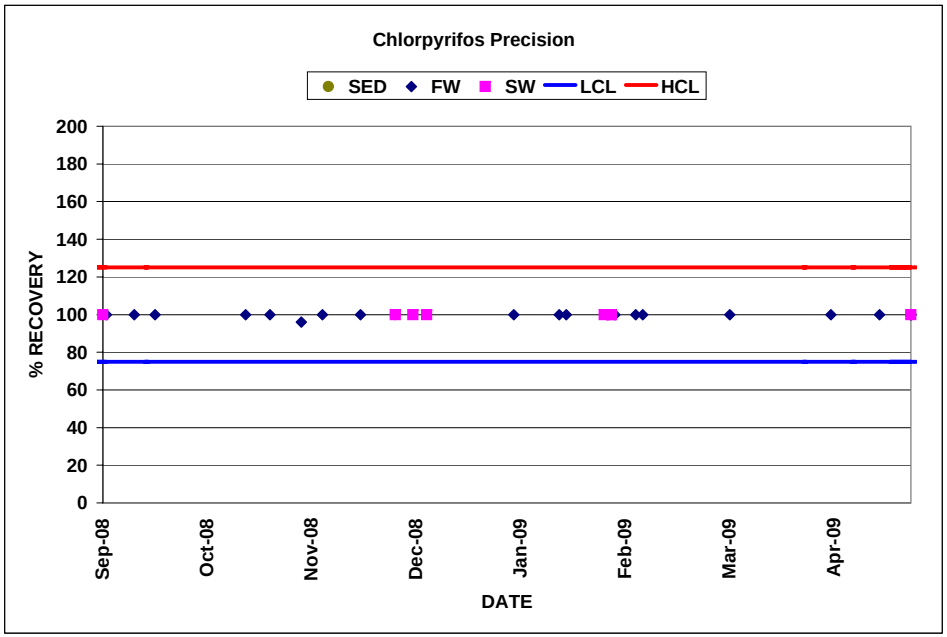
Quality Assurance/ Quality Control
Precision of Nutrient Analysis

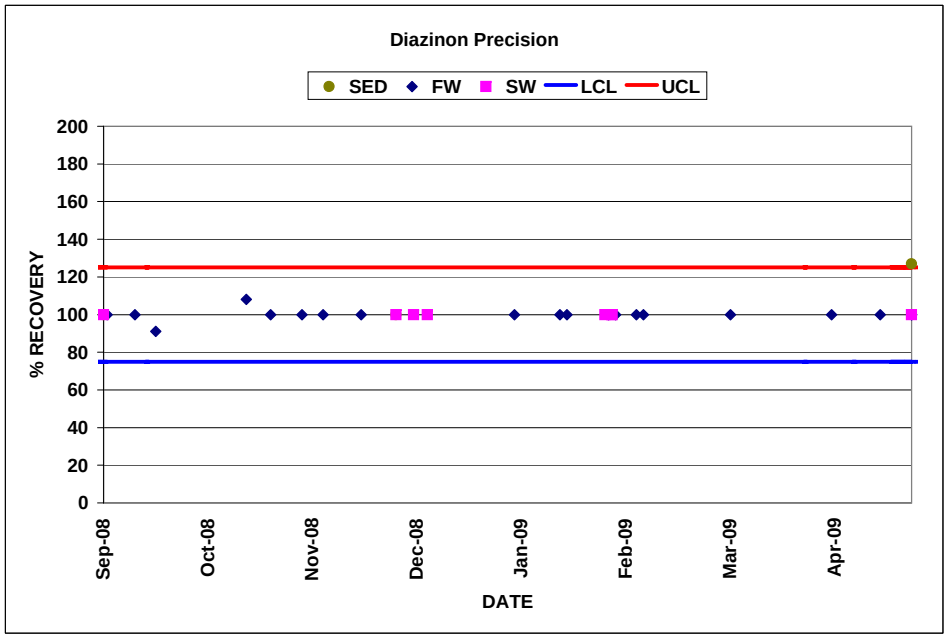


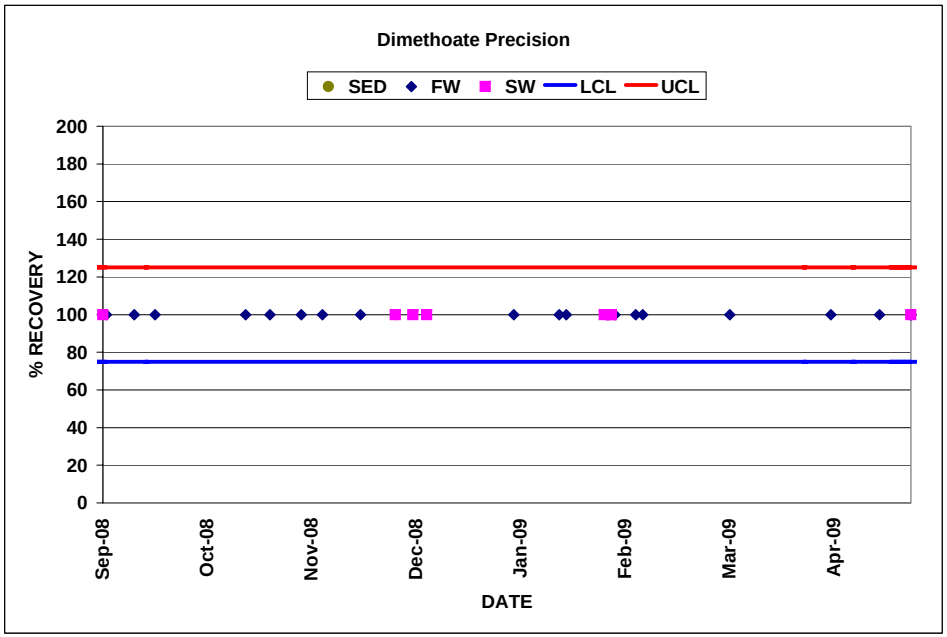


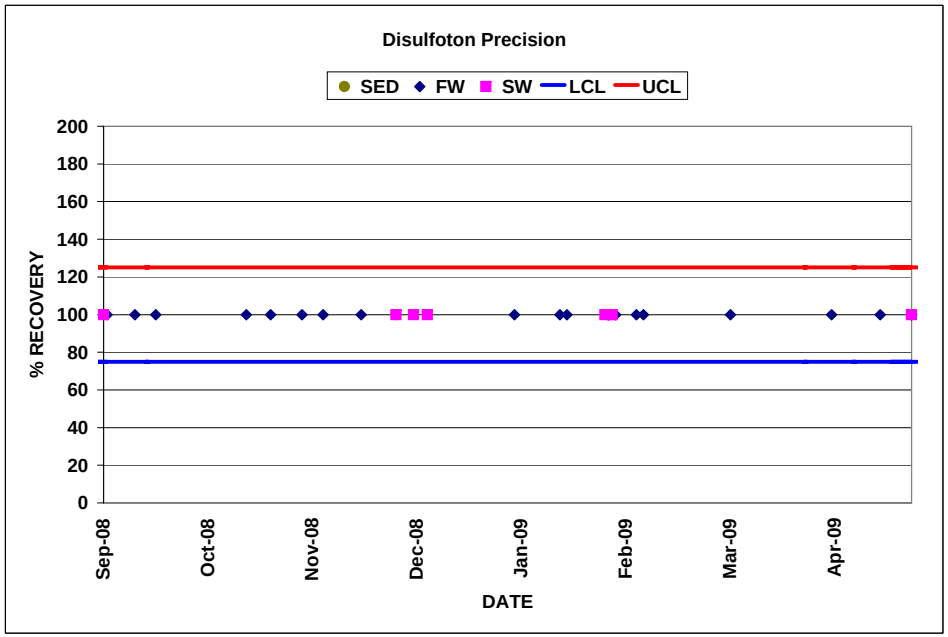


Quality Assurance/ Quality Control
Precision of Nutrient Analysis

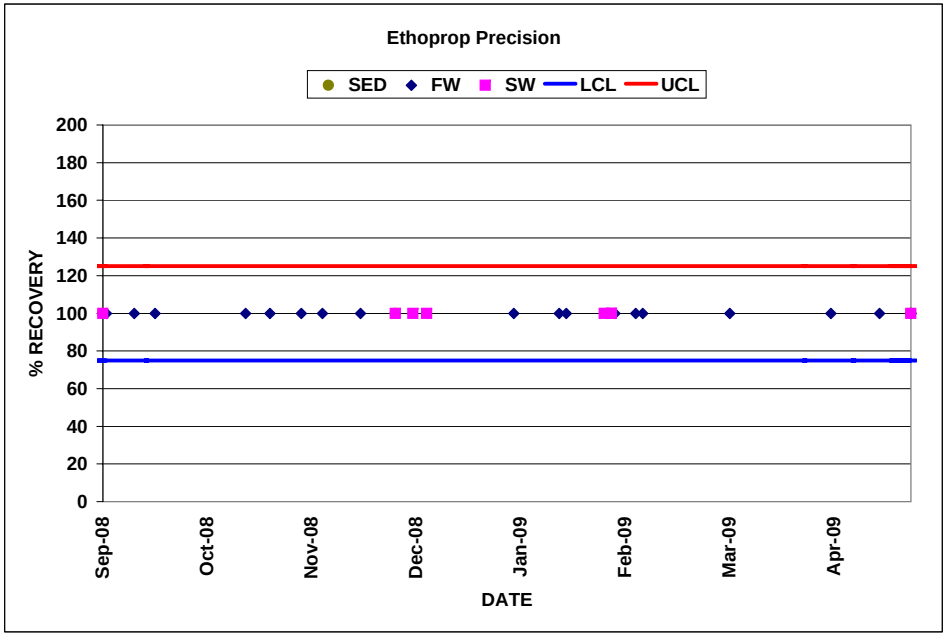


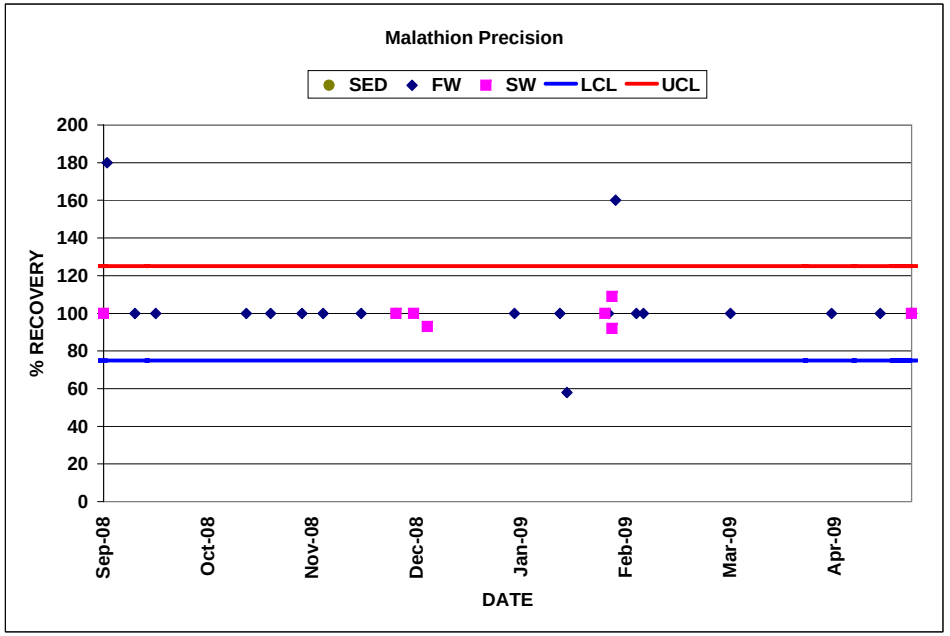


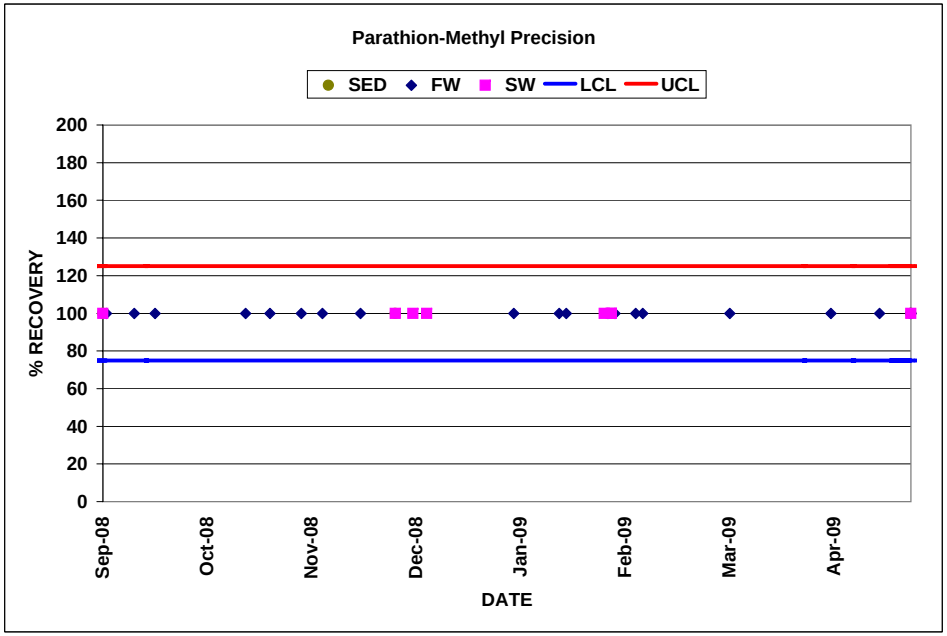


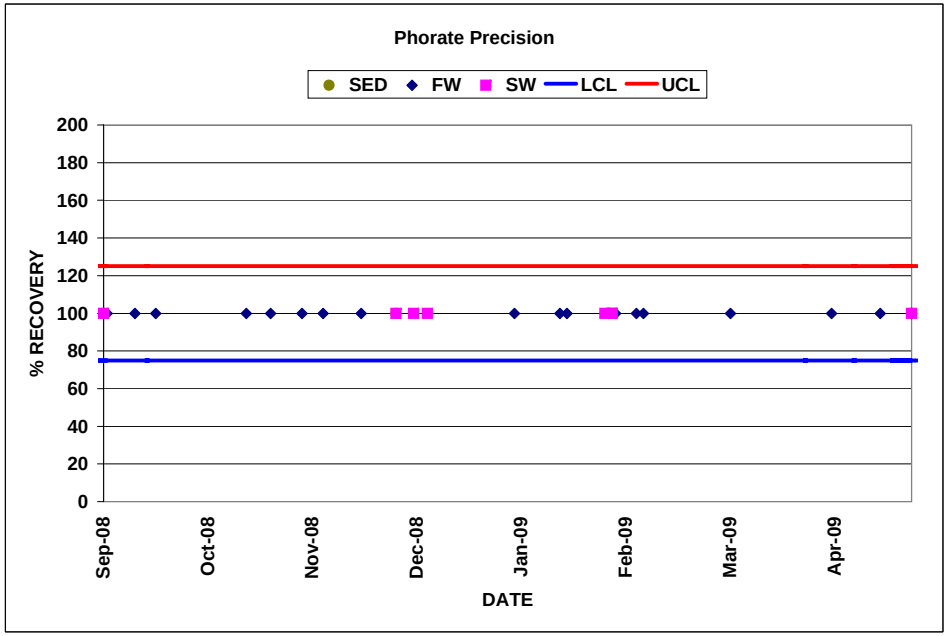


Quality Assurance/ Quality Control
Precision of Nutrient Analysis

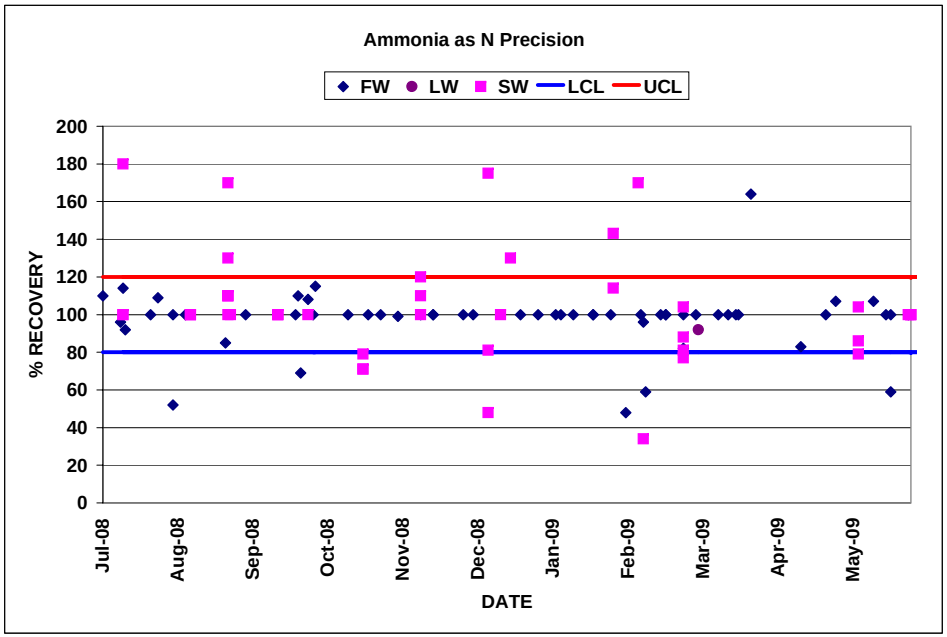


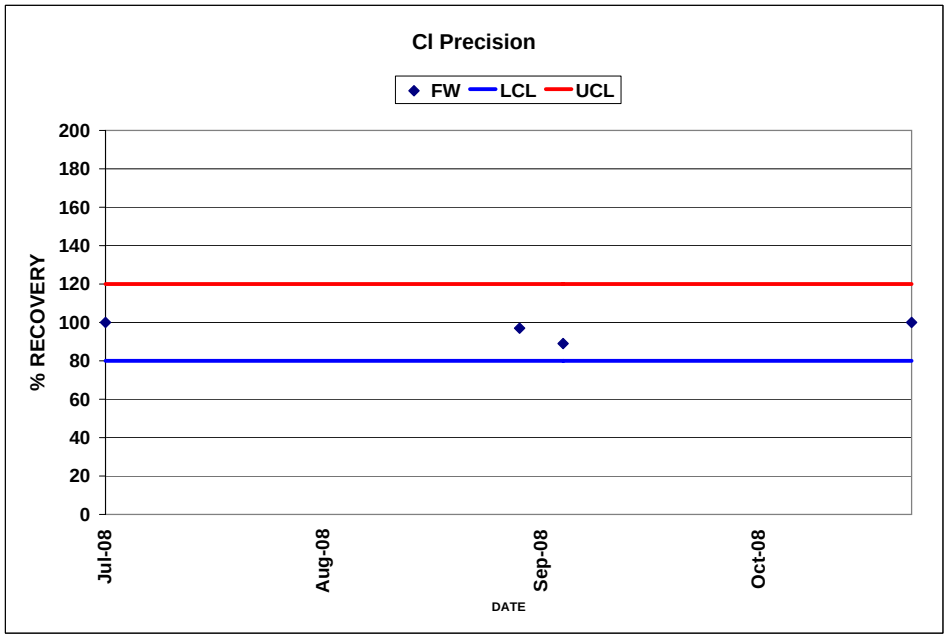


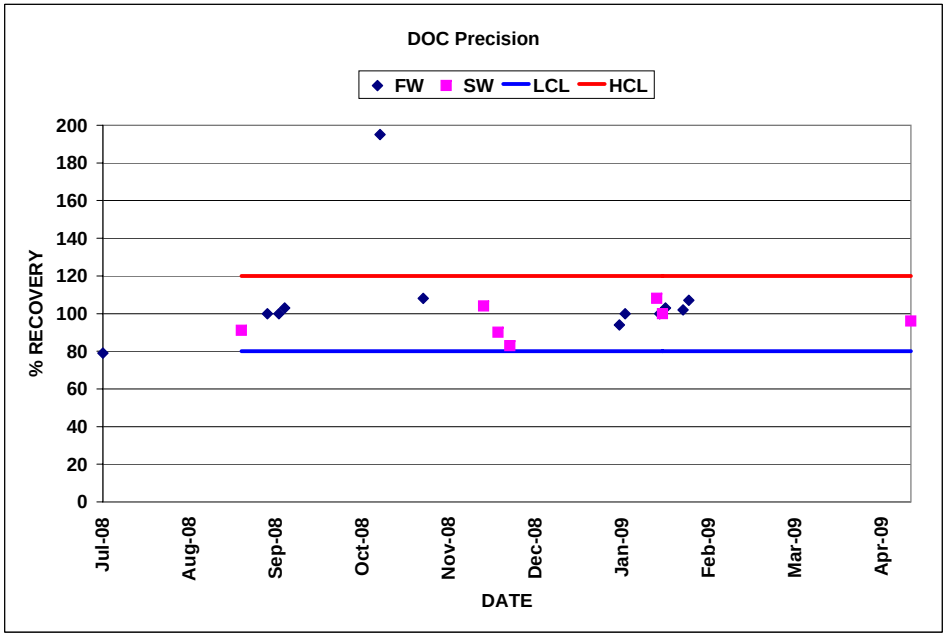


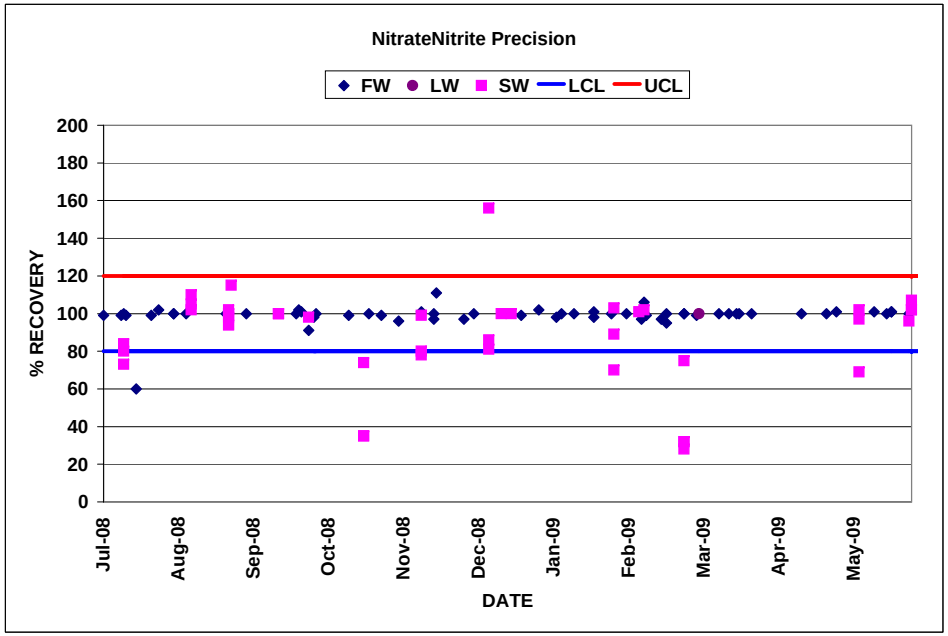


Quality Assurance/ Quality Control
Precision of Nutrient Analysis

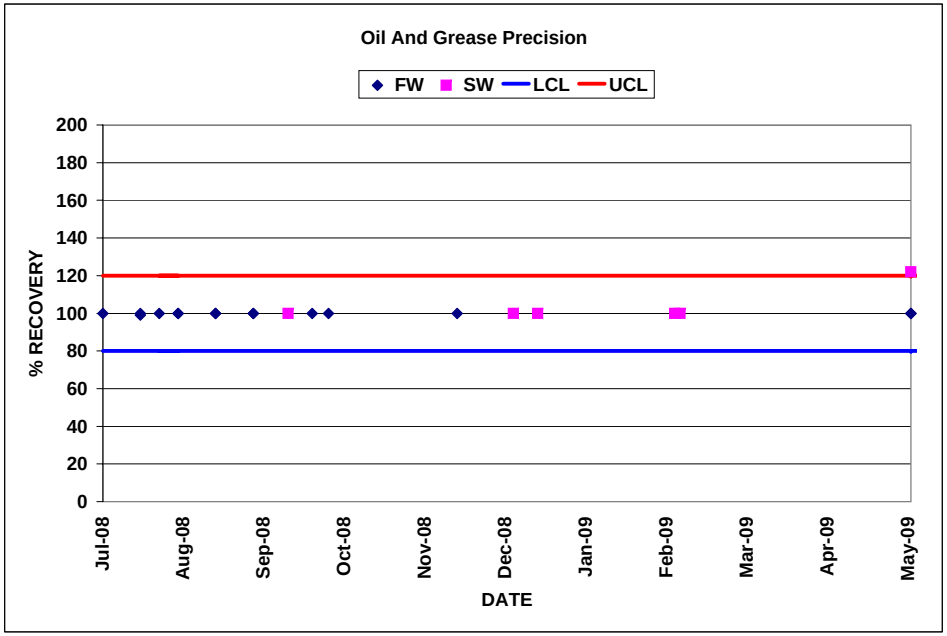


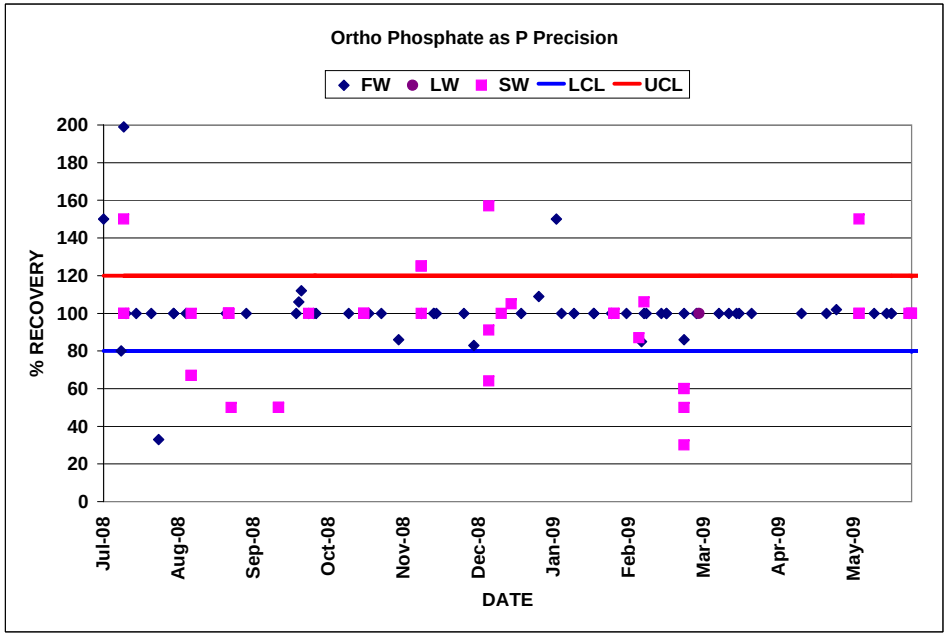


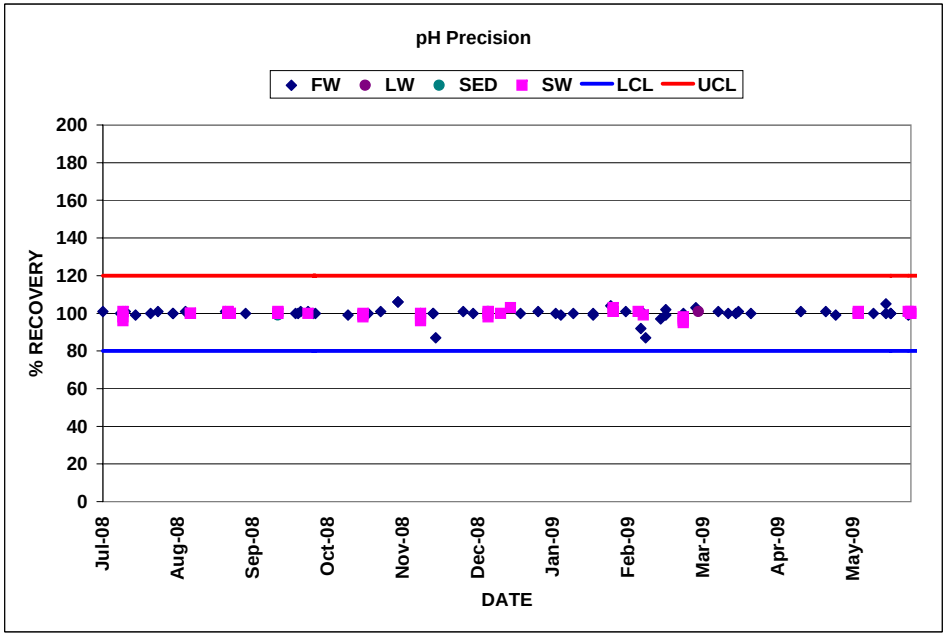


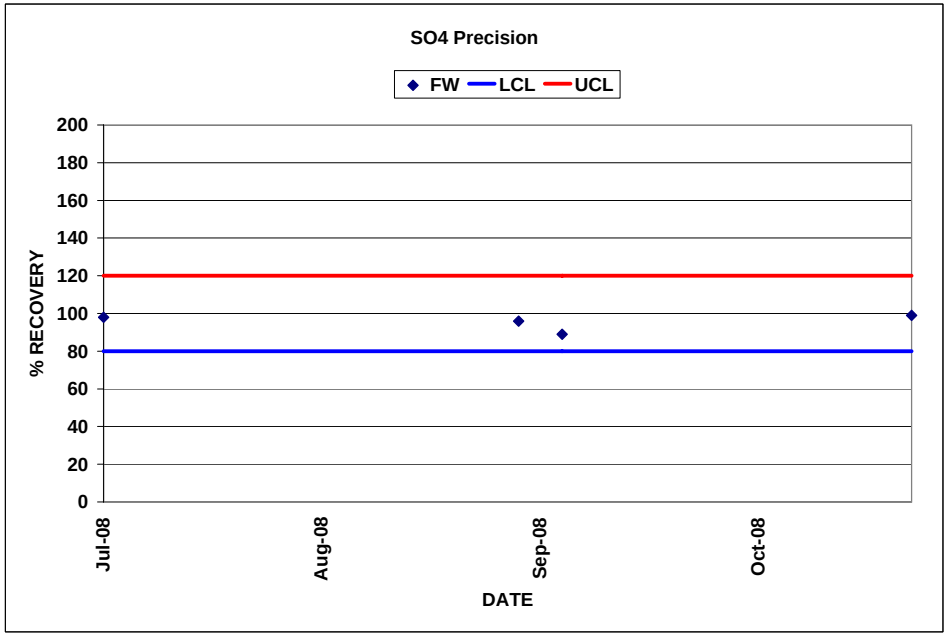


Quality Assurance/ Quality Control
Precision of Nutrient Analysis

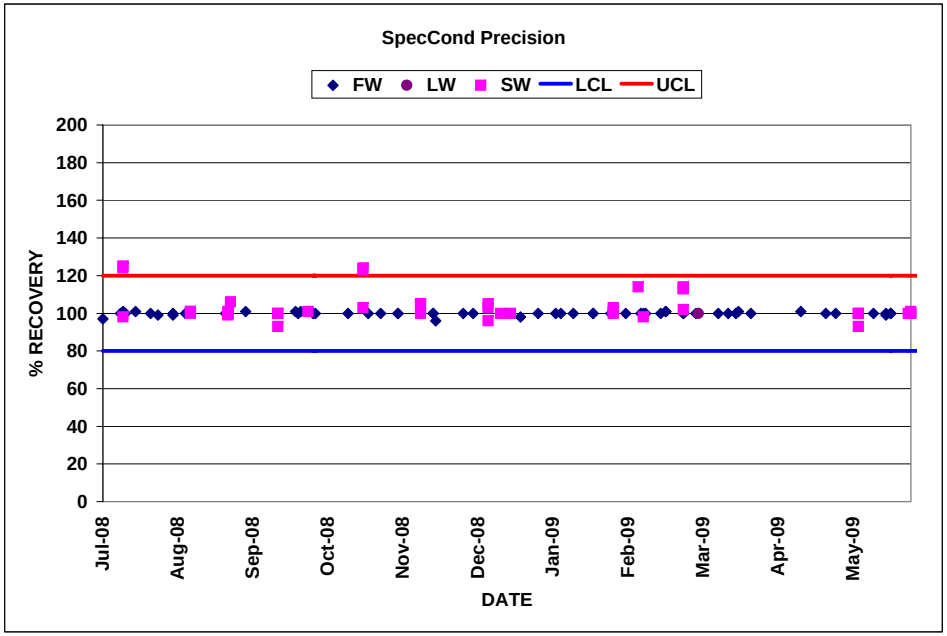


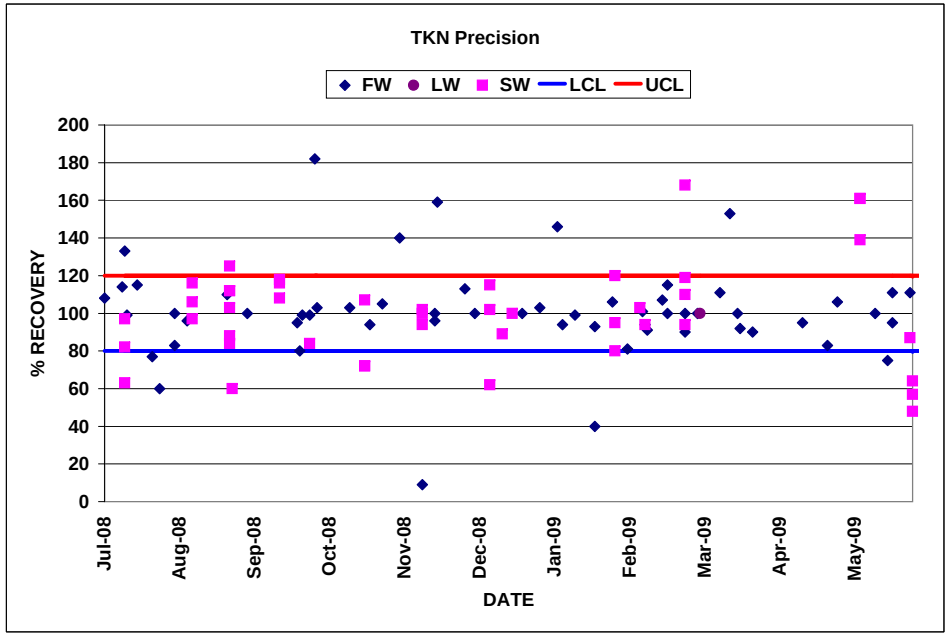


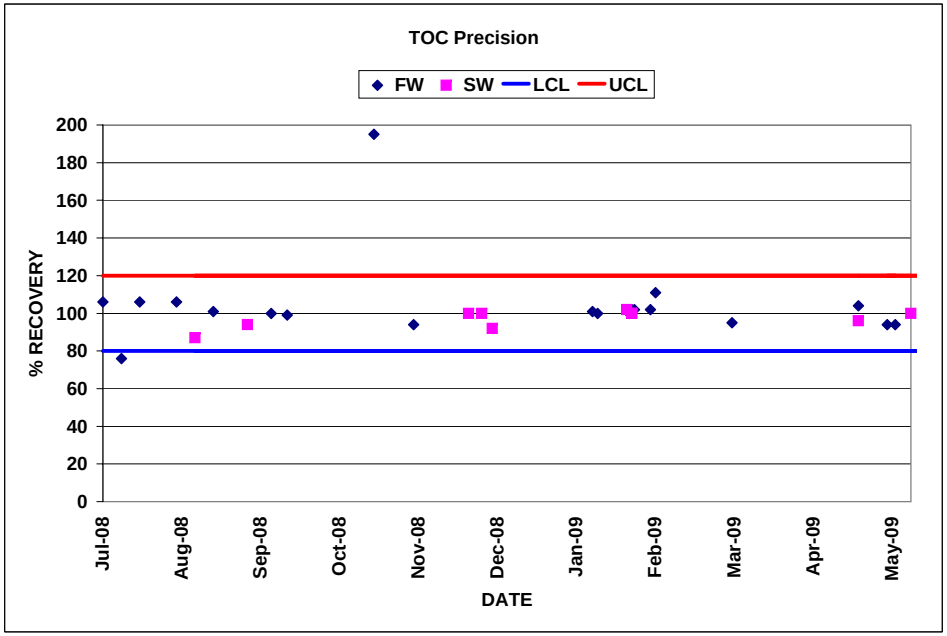


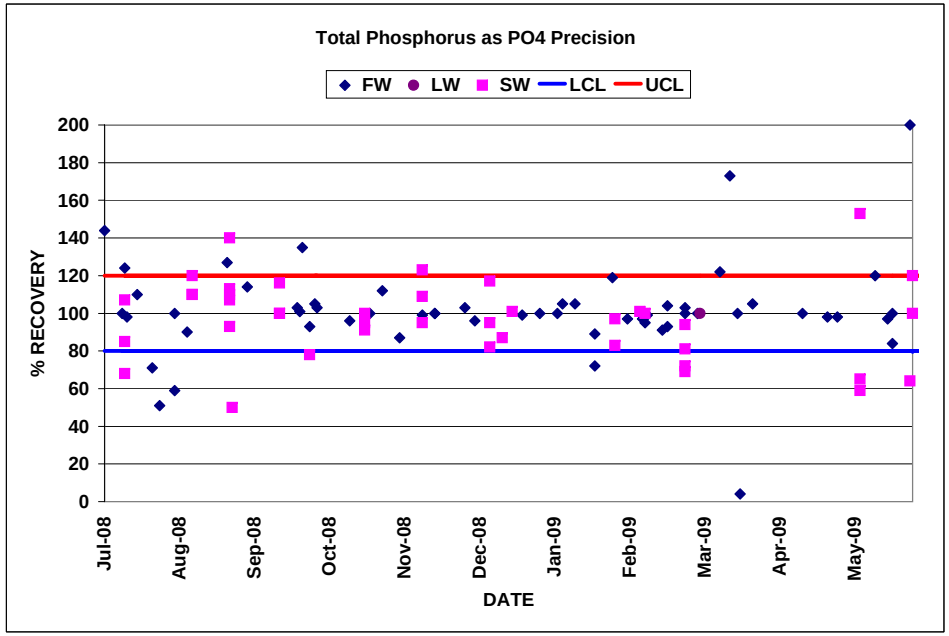


Quality Assurance/ Quality Control
Precision of Nutrient Analysis









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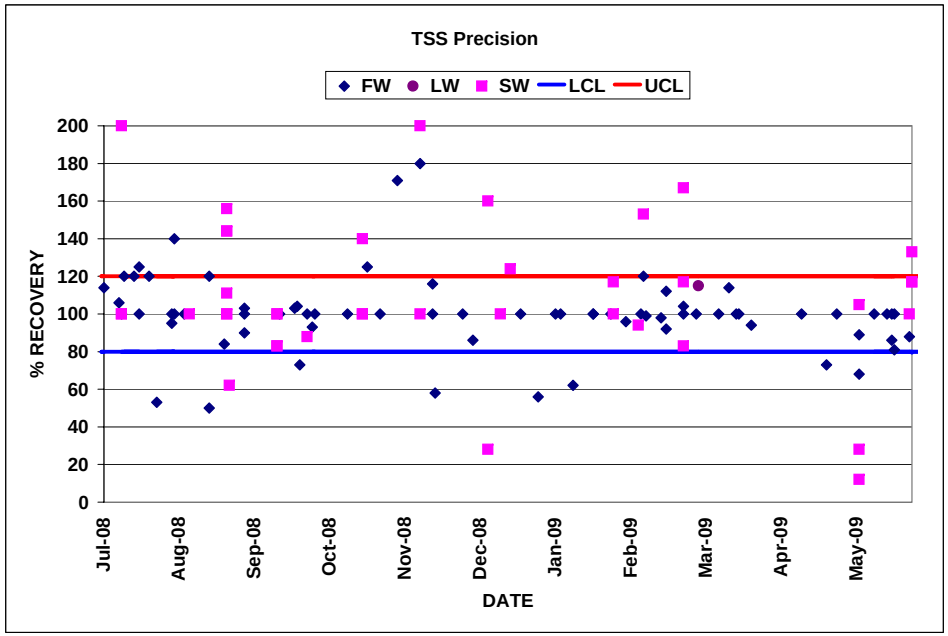
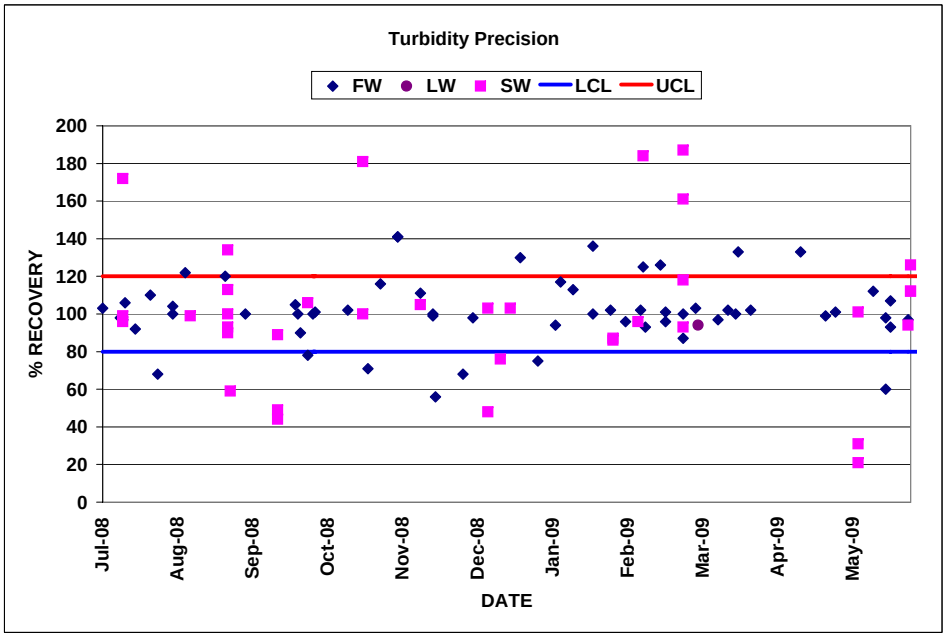
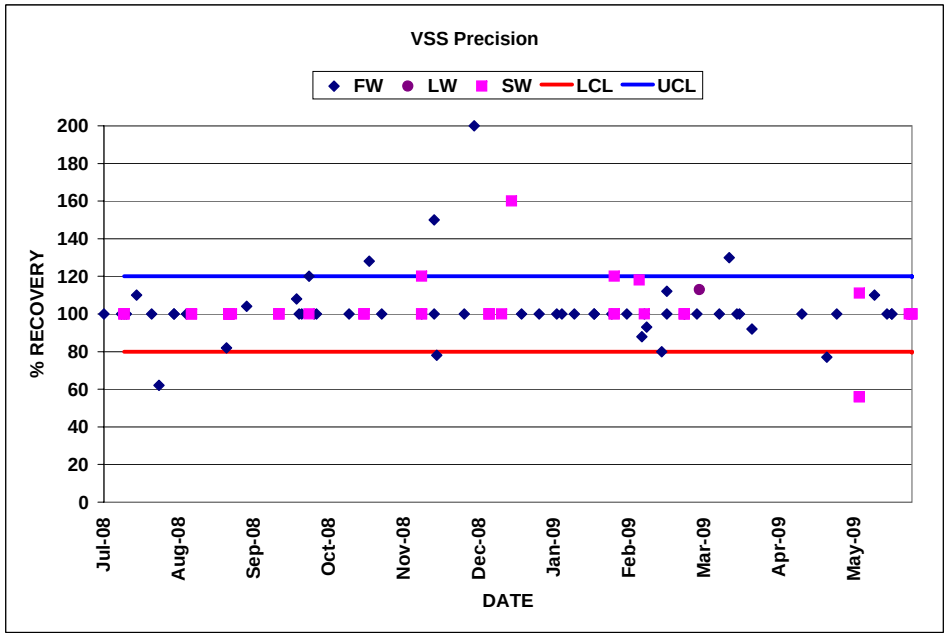
Precision of Nutrient Analysis







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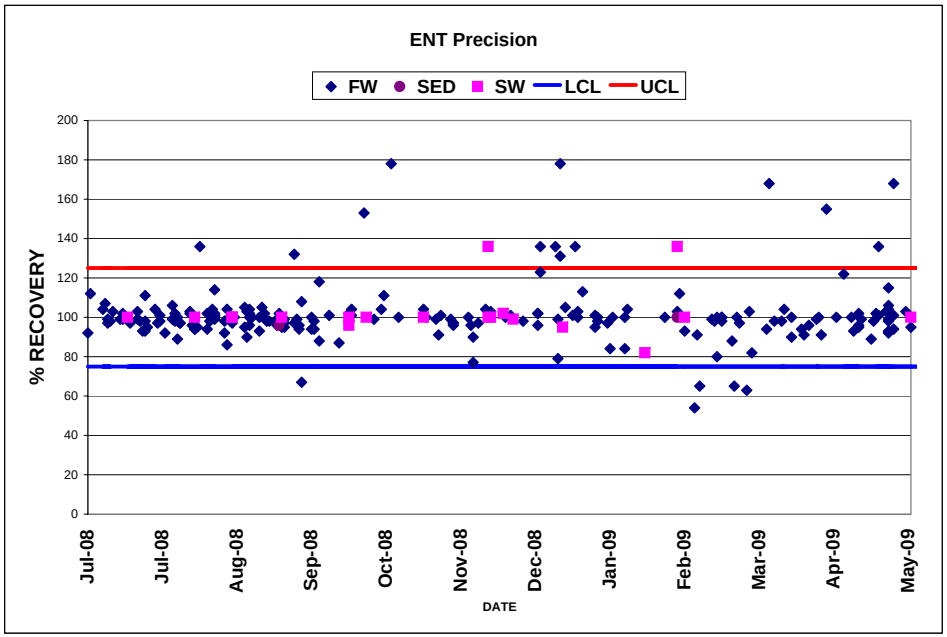

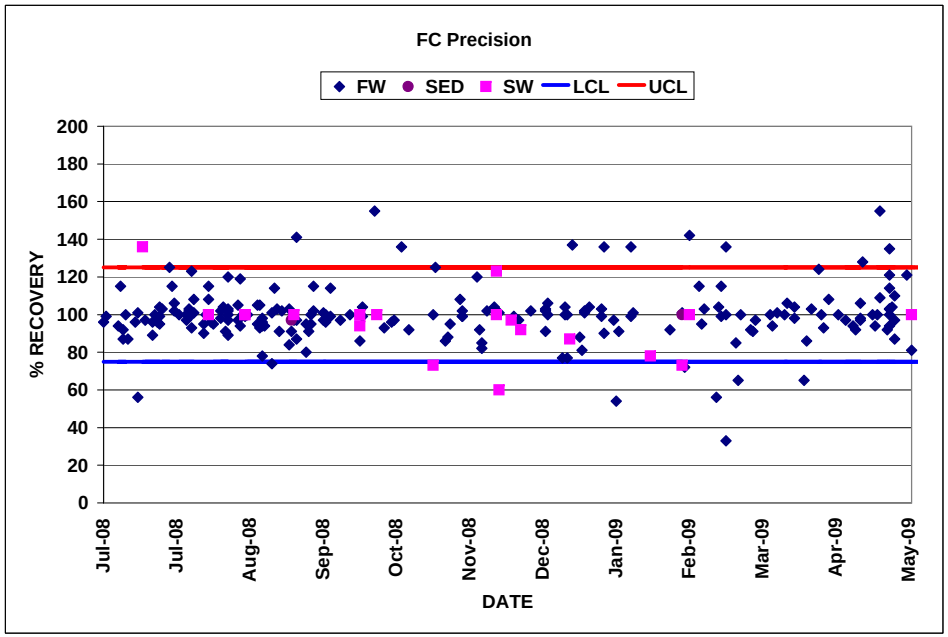

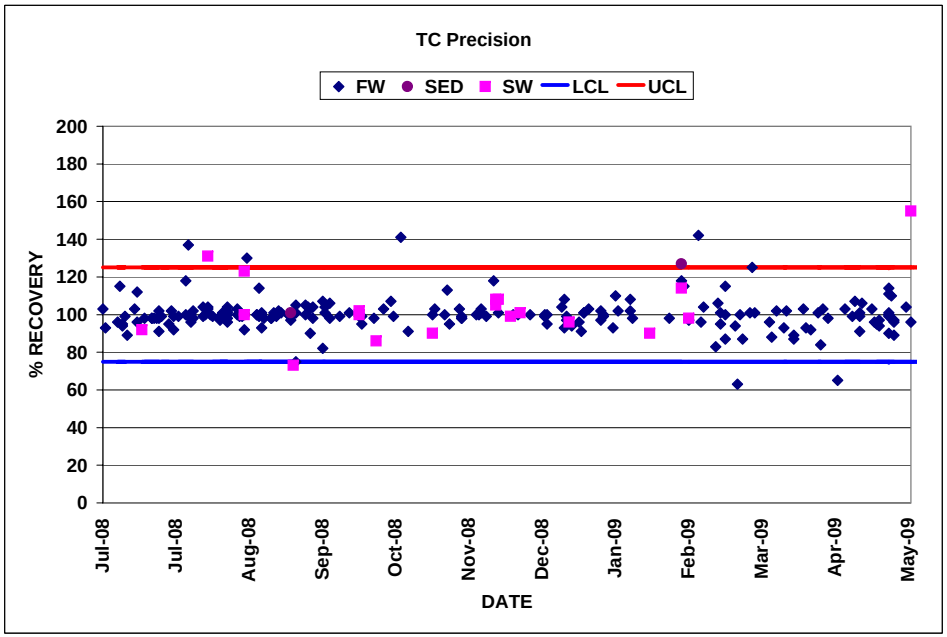

Quality Assurance/ Quality Control
Blanks Control Charts

Glyphosate

Glyphosate		Units	lyphosate
Equipment Blank	Non-detect	%	100.0%
	MIN	ng/L	<5
	MAX	ng/L	<25
Trip Blank	Non-detect	%	100.0%
	MIN	ng/L	<5
	MAX	ng/L	<100

Oil and Grease, Total Organic Carbon & Total Suspended Solids

MISC		Units	MBAS	OGPG	TOC	TSS
Equipment Blank	Non-detect	%	100.0%	100.0%	66.7%	84.2%
	MIN	mg/L	<0.05	<5	<0.3	<5
	MAX	mg/L	<0.05	<5	0.48	5
Trip Blank	Non-detect	%	100.0%	100.0%	88.9%	94.1%
	MIN	mg/L	<0.05	<5	<0.3	<5
	MAX	mg/L	<0.05	<5	0.41	6

Trace Metals

Trace Metals		Units	Ag	As	Be	Cd	Cr	Cu	Fe	Hg	Ni	Pb	Sb	Se	Tl	Zn
Equipment Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ug/L	<0.05	<0.1	<0.5	<0.2	<0.6	<0.6	<5	0.57	<1	<0.1	<0.5	<0.1	<0.1	<6
	MAX	ug/L	<0.05	<0.1	<0.5	<0.2	<0.6	<0.6	<5	0.57	<1	<0.1	<0.5	<0.1	<0.1	<6
Trip Blank	Non-detect	%	78.6%	100.0%	100.0%	64.3%	71.4%	64.3%	100.0%	0.0%	64.3%	35.7%	100.0%	100.0%	85.7%	50.0%
	MIN	ug/L	<0.05	<0.05	<0.05	<0.1	<0.3	<0.3	<1	0.34	<0.01	<0.05	<0.2	<0.1	<0.05	<3
	MAX	ug/L	0.24	<0.1	<0.1	0.12	0.75	1.2	<10	12	1.2	0.51	<0.5	<10	0.11	12
Equipment Blank	Non-detect	%	100.0%	100.0%	-	100.0%	100.0%	69.5%	100.0%	100.0%	98.3%	98.3%	-	95.9%	-	87.9%
	MIN	ug/L	<0.5	<0.4	-	<0.5	<0.5	<0.5	<20	<0.05	<0.5	<0.5	-	<0.4	-	<2
	MAX	ug/L	<0.5	<0.5	-	<0.5	<0.5	6	<20	<0.05	3.8	1.1	-	0.41	-	6
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	88.7%	100.0%	100.0%	100.0%	98.4%	100.0%	100.0%	100.0%	88.7%
	MIN	ug/L	<0.5	<0.4	<0.1	<0.5	<0.5	<0.5	<20	<0.05	<0.5	<0.5	<0.5	<0.4	<0.2	<2
	MAX	ug/L	<0.5	<0.5	<0.1	<0.5	<0.5	2.6	<20	<0.05	<0.5	0.6	<0.5	<0.5	<0.2	6.6

Quality Assurance/ Quality Control
Blanks Control Charts

Pyrethroid Pesticides

PP		Units	Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin	L-Cyhalothrin	Permethrin	Prallethrin
Equipment Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<10	<10	<10	<10	<10	<10	<10	<10
	MAX	ng/L	<10	<10	<10	<10	<10	<10	<10	<10
Trip Blank	Non-detect	%	100.0%	100.0%	83.3%	66.7%	100.0%	100.0%	66.7%	100.0%
	MIN	ng/L	<10	<10	<10	<10	<10	<10	<10	<10
	MAX	ng/L	<10	<10	13	16	<10	<10	28	<10

Organophosphate Pesticides

OPP		Units	Azinphos methyl (Guthion)	Bolstar	Chlorpyrifos	Coumaphos	Demeton-o	Demeton-s	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethyl Parathion	Fensulfothion	Fenthion	Malathion	Merphos	Mevinphos	Naled	Parathion-methyl	Phorate
Equipment Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	94.4%	100.0%	97.1%	100.0%	100.0%	100.0%	100.0%	97.2%	100.0%	100.0%	100.0%
	MIN	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	MAX	ng/L	<50	<50	<50	<50	<50	<50	<50	<50	<50	15	<50	12	<50	<50	<50	<50	43	<50	<50	<50
Trip Blank	Non-detect	%	100.0%	100.0%	101.5%	101.5%	101.5%	101.5%	101.5%	101.5%	98.5%	98.5%	98.5%	98.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.5%	98.5%
	MIN	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
	MAX	ng/L	<50	<50	<50	<50	<50	<50	<50	<50	11	11	24	17	<50	<50	<50	<50	<50	<50	<50	6.4

OPP		Units	Ronnel	Tetrachlorovinphos	Tokuthion	Trichloronate
Equipment Blank	Non-detect	%	97.1%	100.0%	100.0%	100.0%
	MIN	ng/L	<10	<10	<10	<10
	MAX	ng/L	30	<50	<50	<50
Trip Blank	Non-detect	%	100.0%	98.5%	100.0%	100.0%
	MIN	ng/L	<10	<10	<0.05	<10
	MAX	ng/L	<50	0.17	<50	<50

Quality Assurance/ Quality Control
Blanks Control Charts

Organochlorine Pesticides

OCP		Units	2,4'-DDD	2,4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Alpha-BHC	Beta-BHC	Chlordane-alpha	Chlordane-gamma	cis-Nonchlor	Delta-BHC	Dieldrin	Endosulfan sulfate	Endosulfan-I	Endosulfan-II	Endrin	Endrin Aldehyde	Gamma-BHC
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<10
	MAX	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<10

OCP		Units	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Total Chlordane	Toxaphene	Trans-Nonchlor
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<10	<10	<10	<10	<100	<1000	<10
	MAX	ng/L	<10	<10	<10	<10	<100	<1000	<10

PCBs

PCB-FS		Units	PCB018	PCB028	PCB044	PCB052	PCB066	PCB077	PCB081	PCB101	PCB-1016	PCB105	PCB114	PCB118	PCB-1221	PCB123	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB126	PCB-1260
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<0.1	<10	<10	<10	<10	<10	<100	<100	<100	<100	<100	<100
	MAX	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

PCB-FS		Units	PCB128	PCB138	PCB153	PCB156	PCB157	PCB167	PCB169	PCB170	PCB180	PCB187	PCB189	PCB206
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	MAX	ng/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Quality Assurance/ Quality Control
Blanks Control Charts

Semi-volatile Organic Carbon

SVOC		Units	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4- Dichlorophenol	2,4- Dimethylphenol	2,4,6- Trichlorophenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-chlorophenol	2-Methyl-4,6-dinitrophenol	2-Nitrophenol	3,3'-dichlorobenzidine	4-Bromophenylphenylether	4-Chloro-3-methylphenol	4-Chlorophenylphenylether	4-Nitrophenol	Acenaphthene
Equipment Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<5	<5	<5	<5	<5	<20	<10	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<5	<10	<5
	MAX	ng/L	<50000	<50000	<50000	<50000	<50000	<50000	<100000	<200000	<50000	<50000	<50000	<50000	<100000	<100000	<50000	<50000	<50000	<50000	<100000	<50000
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<5	<10	<5
	MAX	ng/L	<50000	<50000	<50000	<50000	<50000	<50000	<100000	<200000	<50000	<50000	<50000	<50000	<100000	<100000	<50000	<50000	<50000	<50000	<100000	<50000

SVOC		Units	Acenaphthylene	Anthracene	Benzidine	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[e]pyrene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Chloroisopropyl)ether	bis(2-Ethylhexyl) Phthalate	Butylbenzyl Phthalate	Chrysene	Dibenz[a,h]anthracene	Diethyl Phthalate	Dimethyl Phthalate	Di-n-butyl Phthalate	Di-n-octyl Phthalate
Equipment Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	MAX	ng/L	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<5	<5	<5	<5	<5	<5	<6700	<6700	<6700	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	MAX	ng/L	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000

SVOC		Units	Hexachlorobenzene	Fluoranthene	Fluorene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno[1,2,3-c,d]pyrene	Isophorone	Naphthalene	Nitrobenzene	N-Nitrodimethylamine	N-Nitrosodi-n-propylamine	N-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
Equipment Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5000	<5	<5	<5	<5	<5	<5
	MAX	ng/L	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000
Trip Blank	Non-detect	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	MIN	ng/L	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<6700	<5	<5	<5	<5	<5	<5
	MAX	ng/L	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000	<50000

Quality Assurance/ Quality Control
Accuracy of Blind Test Kit Samples for Dry Weather Monitoring

PROGRAM	DATE		NH3-N	NO3-N	PO4	Cu	Cr6+	H.- as CaCO3	MBAS	Total Cl2	TURB
pre-season SAR	12/4/08	Target	10.00	10.00	1.00	3.00	0.50	-	-	-	-
		Result	12.05	10.60	1.02	3.09	0.51	-	-	-	-
		%REC	120.5	106.0	102.0	103.0	102.0	-	-	-	-
pre-season SDR	12/4/08	Target	10.00	10.00	1.00	-	-	-	-	0.29	-
		Result	11.60	9.80	1.02	-	-	-	-	0.29	-
		%REC	116.0	98.0	102.0	-	-	-	-	100.3	-
SAR	6/4/09	Target	1.00	3.0	0.20	3.00	0.75	231	0.36	0.175	40.0
		Result	0.92	3.4	0.31	3.04	0.69	225	0.3	0.11	46.6
		%REC	92.0	113.3	155.0	101.3	92.0	97.4	83.3	62.9	116.5
SDR	6/4/09	Target	1.00	3.0	0.20	-	-	231	0.36	0.175	40.0
		Result	0.99	3.3	0.3	-	-	250	0.25	0.15	46
		%REC	99.0	110.0	150.0	-	-	108.2	69.4	85.7	115.0
SAR	6/18/09	Target	1.00	3.00	0.50	-	-	115.00	0.26	0.60	10.00
		Result	1.60	2.59	0.61			105.00	0.21	0.40	13.80
		%REC	160.0	86.3	122.0			91.3	80.8	66.7	138.0
SDR	6/18/09	Target	1.00	3.00	0.50	-	-	115.00	0.26	0.60	10.00
		Result	1.30	2.90	0.61			125.00	0.21	0.60	18.20
		%REC	130.0	96.7	122.0	-	-	108.7	80.8	100.0	182.0
SDR	7/2/09	Target	6.00	1.00	0.80	-	-	92.40	0.36	0.60	100.00
		Result	7.60	0.98	0.86			85.00	0.31	0.57	100.00
		%REC	126.7	98.0	107.5	-	-	92.0	86.1	95.0	100.0
SAR	7/23/09	Target	5.00	4.00	1.00	3.00	0.75	92.40	0.58	0.78	100.00
		Result	5.70	4.90	1.04	2.92	0.70	90.00	0.41	0.50	90.80
		%REC	114.0	122.5	104.0	97.3	93.3	97.4	70.2	64.1	90.8
SDR	7/23/09	Target	5.00	4.00	1.00	3.00	0.75	92.40	0.58	0.78	100.00
		Result	5.40	4.00	1.06	-	-	90.00	0.44	0.50	112.00
		%REC	108.0	100.0	106.0	-	-	97.4	75.3	64.1	112.0

Quality Assurance/ Quality Control
Accuracy of Blind Test Kit Samples for Dry Weather Monitoring

PROGRAM	DATE		NH3-N	NO3-N	PO4	Cu	Cr6+	H.- as CaCO3	MBAS	Total Cl2	TURB
SAR	7/30/09	Target	6.00	1.00	0.70	4.00	0.40	231.00	1.17	0.48	20.00
		Result	6.50	0.90	0.70	-	0.48	215.00	0.75	0.35	20.00
		%REC	108.3	90.0	100.0	-	120.0	93.1	64.1	72.9	100.0
SDR	7/30/09	Target	6.00	1.00	0.70	4.00	0.40	231.00	1.17	0.48	20.00
		Result	6.00	1.02	0.76	-	-	240.00	0.38	0.40	20.20
		%REC	100.0	102.0	108.6	-	-	103.9	32.5	83.3	101.0
SAR	8/13/09	Target	2.00	0.20	0.25	1.60	0.75	57.75	0.15	0.30	40.00
		Result	2.10	0.18	0.32	1.53	0.70	50.00	0.10	0.20	47.40
		%REC	105.0	90.0	128.0	95.6	93.3	86.6	68.5	66.7	118.5
SDR	8/13/09	Target	2.00	0.20	0.25	0.80	0.75	57.75	0.15	0.30	40.00
		Result	2.40	0.20	0.29	-	-	60.00	0.10	0.22	46.50
		%REC	120.0	100.0	116.0	-	-	103.9	68.5	73.3	116.3
SAR	8/27/09	Target	4.00	2.00	0.75	3.00	0.75	173.25	0.23	0.60	100.00
		Result	3.80	1.93	0.81	1.55	1.12	175.00	0.16	0.51	94.30
		%REC	95.0	96.5	108.0	51.7	149.3	101.0	69.6	85.0	94.3
SDR	8/27/09	Target	4.00	2.00	0.75	3.00	0.75	173.25	0.23	0.60	100.00
		Result	4.10	2.00	0.75	-	-	175.00	0.11	0.53	100.00
		%REC	102.5	100.0	100.0	-	-	101.0	47.8	88.3	100.0
SAR	9/10/09	Target	1.50	3.50	0.25	2.00	1.50	69.30	0.36	0.45	20.00
		Result	2.40	5.10	0.33	2.11	1.50	70.00	0.21	0.39	19.60
		%REC	160.0	145.7	132.0	105.5	100.0	101.0	58.3	86.7	98.0
SDR	9/10/09	Target	1.50	3.50	0.25	2.00	1.50	69.30	0.36	0.45	20.00
		Result	1.50	3.50	0.30	-	-	75.00	0.25	0.36	20.00
		%REC	100.0	100.0	120.0	-	-	108.2	69.4	80.0	100.0
SAR	9/10/09	Target	6.00	1.00	0.80	0.75	1.50	92.40	0.37	0.60	100.00
		Result	7.00	1.09	0.87	0.77	-	120.00	0.21	0.80	89.50
		%REC	116.7	109.0	108.8	102.7	-	129.9	57.5	133.3	89.5

Quality Assurance/ Quality Control
Dry Weather Monitoring Blind Test Kit Samples Summary

% Recovery										
SAR		NH3-N	NO3-N	PO4	Cu	Cr6+	H.- as CaCO3	MBAS	Total Cl2	TURB
pre-season SDR	12/4/2008	116	98	102	-	-	-	-	100.3	-
	6/4/2009	92.0	113.3	155.0	101.3	92.0	97.4	83.3	62.9	116.5
	6/18/2009	160.0	86.3	122.0	-	-	91.3	80.8	66.7	138.0
	7/23/2009	114.0	122.5	104.0	97.3	93.3	97.4	70.2	64.1	90.8
	7/30/2009	108.3	90.0	100.0	-	120.0	93.1	64.1	72.9	100.0
	8/13/2009	105.0	90.0	128.0	95.6	93.3	86.6	68.5	66.7	118.5
	8/27/2009	95.0	96.5	108.0	51.7	149.3	101.0	69.6	85.0	94.3
	9/10/2009	116.7	109.0	108.8	102.7	-	129.9	57.5	133.3	89.5
% Recovery										
SDR		NH3-N	NO3-N	PO4	Cu	Cr6+	H.- as CaCO3	MBAS	Total Cl2	TURB
pre-season SAR	12/4/2008	120.5	106.0	102.0	103.0	102.0	-	-	-	-
	6/4/2009	99.0	110.0	150.0	-	-	108.2	69.4	85.7	115.0
	6/18/09	130.0	96.7	122.0	-	-	108.7	80.8	100.0	182.0
	7/2/2009	126.7	98.0	107.5	-	-	92.0	86.1	95.0	100.0
	7/23/2009	108.0	100.0	106.0	-	-	97.4	75.3	64.1	112.0
	7/30/2009	100.0	102.0	108.6	-	-	103.9	32.5	83.3	101.0
	8/13/2009	120.0	100.0	116.0	-	-	103.9	68.5	73.3	116.3
	8/27/2009	102.5	100.0	100.0	-	-	101.0	47.8	88.3	100.0
	9/10/2009	100.0	100.0	120.0	-	-	108.2	69.4	80.0	100.0