

Plasma Plus+	Application & Research Laboratory	
House No:48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com		Department: Environmental & Analytical

Approved/Revised Signature

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1004-7	Date: July 10, 2002
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Customer ID: JICASTUDY01	Sample Received Date: 18-Dec-00	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA48.1	PPWQ-EA80.1		
Analyte		Cadmium	Mercury		
Method		GFAAS	FAAS-MVU		
PQL		1.00	1.00		
Precision(%CV) **		<10%	<10%		
Accuracy (%Recovery) **		85% - 115%	85% - 115%		
Unit		mg/L	mg/L		
User Sample ID	Laboratory Sample ID	Cadmium	Mercury		
AR-CdBd-PS1-R-Dec-HM	EA20001218101	<PQL	<PQL		
AR-CdBd-PS1-BF6-Dec-HM	EA20001218102	<PQL	<PQL		
AR-CdBd-PS1-AF6-Dec-HM	EA20001218103	<PQL	<PQL		
AR-CdBd-PS2-R-Dec-HM	EA20001218104	<PQL	<PQL		
AR-CdBd-PS2-BF3-Dec-HM	EA20001218105	<PQL	<PQL		
AR-CdBd-PS2-AF3-Dec-HM	EA20001218106	<PQL	<PQL		
AR-CdBd-PS3-R-Dec-HM	EA20001218107	<PQL	<PQL		
AR-CdBd-PS3-BF6-Dec-HM	EA20001218108	<PQL	<PQL		
AR-CdBd-PS3-AF6-Dec-HM	EA20001218109	<PQL	<PQL		
AR-CdBd-DBP1-R-Dec-HM	EA20001218110	<PQL	<PQL		
AR-CdBd-DBP1-AF-Dec-HM	EA20001218111	<PQL	<PQL		
AR-CdBd-DBP2-R-Dec-HM	EA20001218112	<PQL	<PQL		
AR-CdBd-DBP2-AF-Dec-HM	EA20001218113	<PQL	<PQL		
AR-JdCc-DBP1-R-Dec-HM	EA20001218114	<PQL	<PQL		
AR-JdCc-DBP1-AF-Dec-HM	EA20001218115	<PQL	<PQL		
AR-JdCc-DBP2-R-Dec-HM	EA20001218116	<PQL	<PQL		
AR-JdCc-DBP2-AF-Dec-HM	EA20001218117	<PQL	<PQL		
No. of Total Sample	17				
No. of Total Service		17	17		

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

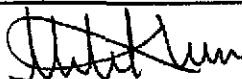
FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

** The Precision & Accuracy are defined only for the laboratory process not for the sampling, transporting and storage processes.


 Signature of Analyst
 (Mala Khan)

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Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-1	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA34.1	PPWQ-EA34	PPWQ-EA16	PPWQ-EA34.1	PPWQ-EA30.1
Analyte		Temperature	pH	Conductivity	at Temperature	Ammonium
Method		Thermometer	pH meter	Conductivity meter	Thermometer	SP
PQL		0 Deg C	0	0.2	0	0.1
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		Deg C		us/cm	Deg C	mg/L
User Sample ID	Laboratory Sample ID	T	pH	EC	at T	NH4
OW-Ch-1-BP-OI	EA20010116001	24.00	7.31	774.33	23.90	15.23
EW-HsPH1-D-133-OI	EA20010116002	23.70	7.21	707.33	23.57	8.19
EW-CJUt-1-D-31-OI	EA20010116003	23.80	7.24	611.33	23.57	6.53
EW-CDnt-1-D-43-OI	EA20010116004	23.70	7.09	1003.67	23.50	7.82
EW-CDHw-1-D-73-OI	EA20010116005	23.60	7.13	684.50	23.40	13.25
EW-HSAb-1-D-177-OI	EA20010116006	23.80	7.07	979.67	23.60	5.90
EW-HSS1-D-PTW-01-OI	EA20010116007	23.90	6.99	930.00	23.80	8.24
EW-CcSk-1-D-35-OI	EA20010116008	24.10	7.16	658.33	23.90	8.35
EW-CcSk-1-D-35-OI (D)	EA20010116009	24.20	7.03	629.33	24.00	9.14
EW-CAAL-1-D-72-OI	EA20010116010	24.10	7.42	907.17	24.07	6.34
EW-CAAL-1-D-72-OI (D)	EA20010116011	24.30	7.19	928.33	24.10	7.47
EW-JHnh-1-D105-OI	EA20010116012	24.20	6.87	660.33	24.30	9.08
EW-JsBn-1-D-88-OI	EA20010116013	24.30	6.89	604.67	24.20	9.72
EW-JKPj-1-D-102-OI	EA20010116014	24.40	7.03	2270.00	24.20	20.03
EW-JJDa-1-D-38-OI	EA20010116015	24.40	7.14	812.50	24.20	6.56
EW-JJic-1-D-170-OI	EA20010116016	24.50	7.13	928.00	24.40	4.90
EW-JMCL-1-D-201-OI	EA20010116017	24.50	6.81	756.00	24.30	15.54
EW-JMDk-1-D-124-OI	EA20010116018	24.70	6.93	1050.67	24.50	14.60
EW-JCPT-1-D-207-OI	EA20010116019	24.90	7.01	778.33	24.90	10.68
EW-JARj-1-D-85-OI	EA20010116020	24.40	7.11	1842.33	24.40	7.13
EW-JJJs-1-D-(PTW-15)-T-10-OI	EA20010116021	24.60	7.03	1122.00	24.50	4.83
EW-JJJs-1-D-(PTW-15)-T-10(B)-OI	EA20010116022	24.50	5.37	1.14	24.40	7.33
EW-JMnt-1-D-95-OI	EA20010116023	24.50	6.85	811.33	24.20	10.73
EW-HTRt-1-D-PTW-02-OI	EA20010116024	24.60	7.05	776.67	24.60	7.58
EW-HJUn-1-D-PTW-03-OI	EA20010116025	24.50	6.99	638.75	24.40	7.18
EW-HKK1-1-D-PTW-02-OI	EA20010116026	24.50	7.32	773.67	24.30	8.05
No. of Total Sample	26					
No. of Total Service		26	26	26		26

mg/L: milligram per litre
ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1005-2	Date: July 10, 2002
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Customer ID: JICASTUDY01	Sample Received Date: 16-Jan-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr. M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PFWQ-EA30.6	PFWQ-EA30.4	PFWQ-EA42	PFWQ-EA10	PFWQ-EA2.1
Analyte		Nitrite	Nitrate	Sulfate	Chloride	Bicarbonate
Method		SP	SP	SP	SP	Titration
PQL		0.02	0.2	5	0.6	20
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		mg/L	mg/L	mg/L	mg/L	mg CaCO3/L
User Sample ID	Laboratory Sample ID	NO2	NO3	SO4	Cl	HCO3
OW-Ch-1-BP-OI	EA20010116001	<PQL	<PQL	3.66	10.74	440.92
EW-HsFHI-D-133-OI	EA20010116002	<PQL	<PQL	<PQL	3.04	388.50
EW-CJUt-1-D-3I-OI	EA20010116003	0.64	0.98	<PQL	7.69	319.13
EW-CDWt-1-D-43-OI	EA20010116004	3.31	2.02	46.25	12.52	462.50
EW-CDHw-1-D-73-OI	EA20010116005	<PQL	<PQL	<PQL	3.00	425.50
EW-HSAb-1-D-177-OI	EA20010116006	<PQL	<PQL	<PQL	21.68	462.50
EW-HSS1-D-PTW-01-OI	EA20010116007	<PQL	0.83	<PQL	5.73	508.75
EW-CcSk-1-D-35-OI	EA20010116008	0.26	1.47	<PQL	11.73	323.75
EW-CcSk-1-D-35-OI (D)	EA20010116009	0.48	1.59	3.96	11.87	333.00
EW-CAAL-1-D-72-OI	EA20010116010	0.02	1.37	14.38	23.58	410.09
EW-CAAL-1-D-72-OI (D)	EA20010116011	0.46	1.05	13.46	18.38	420.88
EW-JHnh-1-D105-OI	EA20010116012	<PQL	<PQL	<PQL	1.12	370.00
EW-JsEn-1-D-88-OI	EA20010116013	<PQL	<PQL	<PQL	11.48	333.00
EW-JKpj-1-D-102-OI	EA20010116014	<PQL	<PQL	<PQL	567.40	545.75
EW-JJDa-1-D-38-OI	EA20010116015	0.02	0.31	<PQL	4.49	455.57
EW-JJic-1-D-170-OI	EA20010116016	<PQL	<PQL	<PQL	15.39	481.00
EW-JMCl-1-D-201-OI	EA20010116017	<PQL	<PQL	<PQL	0.98	407.00
EW-JMDk-1-D-124-OI	EA20010116018	<PQL	<PQL	<PQL	50.23	462.50
EW-JCpt-1-D-207-OI	EA20010116019	<PQL	<PQL	<PQL	9.16	407.00
EW-JARj-1-D-85-OI	EA20010116020	0.02	<PQL	<PQL	242.27	699.92
EW-JJJs-1-D-(PTW-15)-T-10-OI	EA20010116021	<PQL	<PQL	<PQL	105.40	444.00
EW-JJJs-1-D-(PTW-15)-T-10(B)-OI	EA20010116022	<PQL	<PQL	<PQL	<PQL	9.25
EW-JMnt-1-D-95-OI	EA20010116023	<PQL	<PQL	8.12	1.92	444.00
EW-HTKt-1-D-PTW-02-OI	EA20010116024	<PQL	<PQL	<PQL	11.60	416.25
EW-HJUn-1-D-PTW-03-OI	EA20010116025	0.05	<PQL	<PQL	3.12	333.00
EW-HKkl-1-D-PTW-02-OI	EA20010116026	0.35	0.91	<PQL	3.56	425.50
No. of Total Sample	25					
No. of Total Service		26	26	26	26	26

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

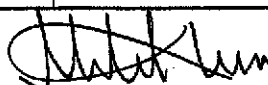
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Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-3	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA24.1	PPWQ-EA28	PPWQ-EA20.1	PPWQ-EA7	PPWQ-EA40
Analyte		Fluoride	Hardness	Free CN	COD	TDS
Method		SP	Standard	SP	CR titration	Standard
PQL		0.1	0.5	0.009	20	0.13
Precision(%CV)**		<8%	<5%	<10%	<5%	<10%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	85% - 115%
Unit		mg/L	mg CaCO3/L	mg/L	mg O2/L	mg/L
User Sample ID	Laboratory Sample ID	F	Hardn.	CN	COD	TDS
OW-Ch-1-BP-OI	EA20010116001	0.25	125.76	<PQL	19.63	495.57
EW-HsFH1-D-133-OI	EA20010116002	0.45	115.10	<PQL	<PQL	452.69
EW-CJUt-1-D-3I-OI	EA20010116003	0.28	108.76	0.01	13.35	391.25
EW-CDnt-1-D-43-OI	EA20010116004	0.58	160.77	<PQL	32.98	642.35
EW-CDhw-1-D-73-OI	EA20010116005	0.40	118.59	<PQL	<PQL	438.08
EW-HSAb-1-D-177-OI	EA20010116006	0.48	137.83	0.01	<PQL	626.99
EW-HSS1-D-PTW-01-OI	EA20010116007	0.44	146.74	<PQL	<PQL	595.20
EW-CcSk-1-D-35-OI	EA20010116008	0.28	111.51	0.01	<PQL	421.33
EW-CcSk-1-D-35-OI (D)	EA20010116009	0.27	113.69	<PQL	<PQL	402.77
EW-CAAl-1-D-72-OI	EA20010116010	0.31	149.72	<PQL	<PQL	580.59
EW-CAAl-1-D-72-OI (D)	EA20010116011	0.28	123.56	0.02	<PQL	594.13
EW-JHmH-1-D105-OI	EA20010116012	0.20	98.70	0.02	<PQL	422.61
EW-JsBn-1-D-88-OI	EA20010116013	0.35	96.03	<PQL	<PQL	386.99
EW-JKfj-1-D-102-OI	EA20010116014	1.65	118.88	<PQL	84.80	1452.80
EW-JJDa-1-D-38-OI	EA20010116015	1.32	102.07	<PQL	<PQL	520.00
EW-JJic-1-D-170-OI	EA20010116016	0.70	108.85	<PQL	<PQL	593.92
EW-JMC1-1-D-201-OI	EA20010116017	0.28	97.93	<PQL	24.39	483.84
EW-JMDk-1-D-124-OI	EA20010116018	0.57	98.80	<PQL	24.39	672.43
EW-JCpt-1-D-207-OI	EA20010116019	0.32	117.19	<PQL	<PQL	498.83
EW-JARj-1-D-85-OI	EA20010116020	1.00	66.18	<PQL	<PQL	1179.09
EW-JJJs-1-D-(PTW-15)-T-10-OI	EA20010116021	0.41	110.96	0.01	<PQL	718.08
EW-JJJs-1-D-(PTW-15)-T-10(B)-OI	EA20010116022	<PQL	114.61	0.02	<PQL	0.73
EW-JMnt-1-D-95-OI	EA20010116023	0.26	104.59	<PQL	30.21	519.95
EW-HTKt-1-D-PTW-02-OI	EA20010116024	0.57	106.90	<PQL	<PQL	497.07
EW-HJJn-1-D-PTW-03-OI	EA20010116025	0.28	91.24	<PQL	<PQL	408.80
EW-HKK1-1-D-PTW-02-OI	EA20010116026	0.26	113.81	0.02	<PQL	495.15
No. of Total Samples	26					
No. of Total Service		26	26	26	26	26

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

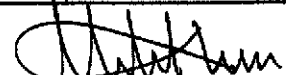
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Signature of Analyst
(Mala Khan)

Plasma Plus+

Application & Research Laboratory

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Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MR/2002/07/1005-4	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA11	PPWQ-EA19	PPWQ-EA20	PPWQ-EA12	
Analyte		Sodium	Potassium	Calcium	Magnesium	
Method		FAAS	FAAS	FAAS	FAAS	
PQL		0.05	0.1	0.5	0.05	
Precision (%CV) **		<5%	<5%	<5%	<5%	
Accuracy (%Recovery) **		85% - 115%	85% - 115%	85% - 115%	85% - 115%	
Unit		mg/L	mg/L	mg/L	mg/L	
User Sample ID	Laboratory Sample ID	Sodium	Potassium	Calcium	Magnesium	
OW-Ch-1-BP-HM	EA20010116101	30.66	4.42	99.50	26.26	
EW-HsFH1-D-133-HM	EA20010116102	23.67	1.15	93.82	21.28	
EW-CJUt-1-D-3I-HM	EA20010116103	14.65	3.76	90.10	18.66	
EW-CDNt-1-D-43-HM	EA20010116104	35.97	4.04	130.34	30.42	
EW-CDBw-1-D-73-HM	EA20010116105	29.78	3.42	100.51	18.09	
EW-HSAb-1-D-177-HM	EA20010116106	37.22	2.45	106.90	30.93	
EW-HSS1-D-PTW-01-HM	EA20010116107	28.70	3.33	113.26	33.48	
EW-CcSk-1-D-35-HM	EA20010116108	4.29	3.58	92.85	18.66	
EW-CcSk-1-D-35-HM(D)	EA20010116109	4.97	3.64	94.79	18.89	
EW-CAAL-1-D-72-HM	EA20010116110	22.37	3.87	124.48	25.24	
EW-CAAL-1-D-72-HM(D)	EA20010116111	23.07	3.89	97.66	25.89	
EW-JHNh-1-D105-HM	EA20010116112	9.51	2.59	78.93	19.77	
EW-JsBn-1-D-88-HM	EA20010116113	9.96	1.75	76.01	20.02	
EW-JKPj-1-D-102-HM	EA20010116114	400.00	6.70	81.77	37.11	
EW-JJDa-1-D-38-HM	EA20010116115	40.49	1.66	71.57	30.50	
EW-JJic-1-D-170-HM	EA20010116116	58.83	1.25	78.83	30.02	
EW-JMCl-1-D-201-HM	EA20010116117	21.12	2.63	76.51	21.42	
EW-JMDk-1-D-124-HM	EA20010116118	80.50	3.80	69.26	29.54	
EW-JCpt-1-D-207-HM	EA20010116119	11.00	3.89	99.12	18.06	
EW-JARj-1-D-85-HM	EA20010116120	328.75	1.33	47.99	18.19	
EW-JJJs-1-D-(PTW-15)-T-10-HM	EA20010116121	92.00	3.49	81.87	29.10	
EW-JJJs-1-D-(PTW-15)-T-10(B)-HM	EA20010116122	1.69	0.75	93.38	21.23	
EW-JMnt-1-D-95-HM	EA20010116123	19.24	3.18	80.41	24.18	
EW-HTKt-1-D-PTW-02-HM	EA20010116124	24.15	2.75	78.94	27.96	
EW-HJUn-1-D-PTW-03-HM	EA20010116125	14.22	3.26	73.36	17.88	
EW-HKkl-1-D-PTW-02-HM	EA20010116126	6.12	2.72	92.45	21.37	
No. of Total Sample	26					
No. of Total Service		26	26	26	26	

mg/L: milligram per litre
 ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

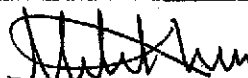
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 (Mala Khan)

Plasma Plus+	Application & Research Laboratory	
House No:48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh		Department:
Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com		Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-5	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PFWQ-EA34	PFWQ-EA24	PFWQ-EA16	PFWQ-EA82	PFWQ-EA29
Analyte		Nickel	Total Cr	Zinc	Lead	Copper
Method		GFAAS	GFAAS	Extraction / FAAS	GFAAS	GFAAS
PQL		5.00	10.00	5.00	5.00	5.00
Precision(%CV)**		<10%	<10%	<10%	<10%	<10%
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	80% - 120%	85% - 115%
Unit		ug/L	ug/L	ug/L	ug/L	ug/L
User Sample ID	Laboratory Sample ID	Nickel	Total Cr	Zinc	Lead	Copper
OW-Ch-1-BP-HM	EA20010116101	<PQL	<PQL	<PQL	<PQL	<PQL
EW-HsFH1-D-133-HM	EA20010116102	4.2989	<PQL	<PQL	<PQL	<PQL
EW-CJUt-1-D-3I-HM	EA20010116103	<PQL	<PQL	4.05	<PQL	<PQL
EW-CDnt-1-D-43-HM	EA20010116104	4.7195	<PQL	<PQL	<PQL	<PQL
EW-CDHw-1-D-73-HM	EA20010116105	<PQL	<PQL	<PQL	<PQL	<PQL
EW-HSAb-1-D-177-HM	EA20010116106	9.1862	<PQL	<PQL	<PQL	<PQL
EW-HSS1-D-PTW-01-HM	EA20010116107	6.0679	<PQL	86.60	4.94	8.0639
EW-CcSk-1-D-35-HM	EA20010116108	4.0453	<PQL	<PQL	<PQL	<PQL
EW-CcSk-1-D-35-HM(D)	EA20010116109	3.2868	<PQL	<PQL	<PQL	<PQL
EW-CAAl-1-D-72-HM	EA20010116110	5.7308	<PQL	<PQL	<PQL	<PQL
EW-CAAl-1-D-72-HM(D)	EA20010116111	6.995	<PQL	<PQL	11.49	<PQL
EW-JHNh-1-D105-HM	EA20010116112	4.2139	<PQL	<PQL	6.96	<PQL
EW-JsBn-1-D-88-HM	EA20010116113	4.2981	<PQL	20.01	<PQL	<PQL
EW-JKpj-1-D-102-HM	EA20010116114	6.4051	<PQL	101.61	<PQL	<PQL
EW-JJDa-1-D-38-HM	EA20010116115	6.1522	<PQL	37.46	10.14	<PQL
EW-JJic-1-D-170-HM	EA20010116116	5.2252	<PQL	12.92	<PQL	<PQL
EW-JMCl-1-D-201-HM	EA20010116117	3.6239	<PQL	<PQL	36.53	<PQL
EW-JMDk-1-D-124-HM	EA20010116118	6.5736	<PQL	4.61	10.83	<PQL
EW-JCpt-1-D-207-HM	EA20010116119	7.922	<PQL	<PQL	<PQL	<PQL
EW-JARj-1-D-85-HM	EA20010116120	7.2478	<PQL	<PQL	<PQL	<PQL
EW-JJJs-1-D-(PTW-15)-T-10-HM	EA20010116121	3.8767	<PQL	5.54	<PQL	<PQL
EW-JJJs-1-D-(PTW-15)-T-10(B)-HM	EA20010116122	9.9447	<PQL	<PQL	4.64	<PQL
EW-JMnt-1-D-95-HM	EA20010116123	7.2478	<PQL	<PQL	<PQL	<PQL
EW-HTKt-1-D-PTW-02-HM	EA20010116124	3.2868	<PQL	<PQL	<PQL	<PQL
EW-HJUn-1-D-PTW-03-HM	EA20010116125	3.7925	<PQL	<PQL	20.66	<PQL
EW-HRkl-1-D-PTW-02-HM	EA20010116126	<PQL	<PQL	15.183	47.2	4.7284
No. of Total Sample	26					
No. of Total Service		26	26	26	26	26

ng/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

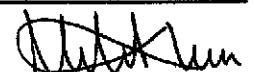
** The Precision & Accuracy are defined only for the laboratory process not for the sampling, transporting and storage processes.

FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-BVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


Signature of Analyst
(Mala Khan)

Plasma Plus+**Application & Research Laboratory**House No:48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh
Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.comDepartment:
Environmental & Analytical**Analytical Report Sheet**

Report Ref:

PP/EA/JICASTUDY01/MK/2002/07/1005-6

Date: July 10, 2002

Customer ID:

JICASTUDY01

Sample Received Date:

16-Jan-01

Sample Type:

Water supplied in PVC bottles.

Customer:

JICA STUDY TEAM

Contact Person

Mr. M. Fukuda

Address:

C/O:DPHE Jessore, Jessore

Service ID		PPWQ-EA48.1	PPWQ-EA80.1		
Analyte		Cadmium	Mercury		
Method		GFAAS	FAAS-MVU		
PQL		1.5	1.00		
Precision(%CV)**		<10%	<10%		
Accuracy(%Recovery)**		85% - 115%	85% - 115%		
Unit		ug/L	ug/L		
User Sample ID	Laboratory Sample ID	Cadmium	Mercury		
OW-Ch-1-BP-HM	EA20010116101	<PQL	<PQL		
EW-HsFH1-D-133-HM	EA20010116102	<PQL	<PQL		
EW-CJUt-1-D-3I-HM	EA20010116103	<PQL	<PQL		
EW-CDnt-1-D-43-HM	EA20010116104	<PQL	<PQL		
EW-CDHw-1-D-73-HM	EA20010116105	<PQL	<PQL		
EW-HSAb-1-D-177-HM	EA20010116106	<PQL	<PQL		
EW-HSS1-D-PTW-01-HM	EA20010116107	<PQL	<PQL		
EW-CoSk-1-D-35-HM	EA20010116108	<PQL	<PQL		
EW-CoSk-1-D-35-HM(D)	EA20010116109	<PQL	<PQL		
EW-CAAL-1-D-72-HM	EA20010116110	<PQL	<PQL		
EW-CAAL-1-D-72-HM(D)	EA20010116111	<PQL	<PQL		
EW-JHnh-1-D105-HM	EA20010116112	<PQL	<PQL		
EW-JsBn-1-D-88-HM	EA20010116113	<PQL	<PQL		
EW-JKfj-1-D-102-HM	EA20010116114	<PQL	<PQL		
EW-JJDa-1-D-38-HM	EA20010116115	<PQL	<PQL		
EW-JJic-1-D-170-HM	EA20010116116	<PQL	<PQL		
EW-JMCl-1-D-201-HM	EA20010116117	<PQL	<PQL		
EW-JMdk-1-D-124-HM	EA20010116118	<PQL	<PQL		
EW-JCpt-1-D-207-HM	EA20010116119	<PQL	<PQL		
EW-JARj-1-D-85-HM	EA20010116120	<PQL	<PQL		
EW-JJJs-1-D-(PTW-15)-T-10-HM	EA20010116121	<PQL	<PQL		
EW-JJJs-1-D-(PTW-15)-T-10(B)-HM	EA20010116122	<PQL	<PQL		
EW-JMnt-1-D-95-HM	EA20010116123	<PQL	<PQL		
EW-HTKt-1-D-PTW-02-HM	EA20010116124	<PQL	<PQL		
EW-HJjn-1-D-PTW-03-HM	EA20010116125	<PQL	<PQL		
EW-HKKl-1-D-PTW-02-HM	EA20010116126	<PQL	<PQL		
No. of Total Sample	26				
No. of Total Service		26	26		

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

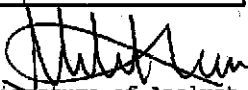
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FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


 Signature of Analyst
 (Mala Khan)

Plasma Plus+

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 Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com

Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-7	Date: July 10, 2002
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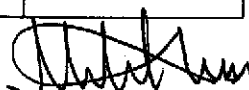
Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA26	PPWQ-EA25		
Analyte		Dissolved Fe	Dissolved Mn		
Method		FAAS	FAAS		
PQL		0.2	0.08		
Precision (%CV)**		6%	5%		
Accuracy (%Recovery)**		90% - 110%	85% - 115%		
Unit		mg/L	mg/L		
User Sample ID	Laboratory Sample ID	Dissolved Fe	Dissolved Mn		
OW-Ch-1-BP-FeMn	EA20010116201	8.46	0.67		
EW-HsFHI-D-133-FeMn	EA20010116202	0.26	1.01		
EW-CJUt-1-D-3I-FeMn	EA20010116203	1.37	0.42		
EW-CDnt-1-D-43-FeMn	EA20010116204	3.43	0.68		
EW-CDHw-1-D-73-FeMn	EA20010116205	3.26	1.31		
EW-HSAb-1-D-177-FeMn	EA20010116206	0.42	0.93		
EW-HSS1-D-PTW-01-FeMn	EA20010116207	0.67	0.62		
EW-CoSk-1-D-35-FeMn	EA20010116208	2.62	1.00		
EW-CoSk-1-D-35-FeMn (D)	EA20010116209	2.92	1.02		
EW-CAAL-1-D-72-FeMn	EA20010116210	2.53	0.74		
EW-CAAL-1-D-72-FeMn (D)	EA20010116211	2.43	0.76		
EW-JHnh-1-D105-FeMn	EA20010116212	3.08	0.44		
EW-JsBn-1-D-88-FeMn	EA20010116213	2.74	0.45		
EW-JKPj-1-D-102-FeMn	EA20010116214	1.34	0.41		
EW-JJDa-1-D-38-FeMn	EA20010116215	0.84	1.45		
EW-JJic-1-D-170-FeMn	EA20010116216	1.17	1.20		
EW-JMCl-1-D-201-FeMn	EA20010116217	1.70	0.45		
EW-JMDk-1-D-124-FeMn	EA20010116218	2.59	0.46		
EW-JCPT-1-D-207-FeMn	EA20010116219	3.08	0.43		
EW-JARj-1-D-85-FeMn	EA20010116220	1.11	0.42		
EW-JJJs-1-D-(PTW-15)-T-10-FeMn	EA20010116221	1.40	0.20		
EW-JJJs-1-D-(PTW-15)-T-10(B)-FeMn	EA20010116222	1.26	<PQL		
EW-JMnt-1-D-95-FeMn	EA20010116223	4.66	0.28		
EW-HTKt-1-D-PTW-02-FeMn	EA20010116224	1.38	0.75		
EW-HJjn-1-D-PTW-03-FeMn	EA20010116225	1.59	0.46		
EW-HKk1-1-D-PTW-02-FeMn	EA20010116226	2.55	0.12		
No. of Total Sample	26				
No. of Total Service		26	26		

mg/L: milligram per litre
 ug/L: microgram per litre

uS: microsiemens
 SP: UV-VIS Spectroscopy
 FAAS: Flame Atomic Absorption Spectroscopy
 GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
 AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
 AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-8	Date: July 10, 2002
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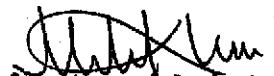
Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person:	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PFWQ-EA34.1	PFWQ-EA34	PFWQ-EA16	PFWQ-EA34.1	PFWQ-EA30.1
Analyte		Temperature	pH	Conductivity	at Temperature	Ammonium
Method		Thermometer	pH meter	Conductivity meter	Thermometer	SP
PQL		0 Deg C	0	0.2	0	0.1
Precision(%CV) **		<8%	<8%	<8%	<8%	<8%
Accuracy(±Recovery) **		90% - 110%	90% - 110%	90% -110%	90% - 110%	90% - 110%
Unit		Deg C		uS/cm	Deg C	mg/L
User Sample ID	Laboratory Sample ID	T	pH	EC	at T	NH4
EW-HJN1-1-D-147-OI	EA20010116027	24.50	7.19	606.33	24.50	4.67
EW-HHhr-1-D-26-OI	EA20010116028	24.60	7.13	787.00	24.30	7.39
EW-HJMd-1-D-19-OI	EA20010116029	24.60	6.72	837.00	24.50	11.63
EW-HRrg-1-D-74-OI	EA20010116030	24.50	7.11	769.67	24.37	7.08
EW-HTkt-1-D-46-OI	EA20010116031	23.90	7.45	695.67	23.90	5.62
EW-JBBs-1-D-117-OI	EA20010116032	23.80	6.93	585.67	23.70	9.25
IM-JSBk-3-1-OI	EA20010116033	23.80	7.45	614.67	24.00	6.71
IM-JSBk-2-1-OI	EA20010116034	24.00	7.67	621.33	24.10	8.39
IM-JSBk-1-1-OI	EA20010116035	24.00	7.63	623.75	24.05	5.85
AR-CDBd-PS1-R-GP	EA20010116036	24.50	7.04	1027.33	24.50	10.00
AR-CDBd-PS1-AF2-GP	EA20010116037	24.20	7.13	984.97	24.10	5.10
AR-CDBd-PS2-R-GP	EA20010116038	24.10	7.10	726.00	24.00	14.28
AR-CDBd-PS2-AF2-GP	EA20010116039	24.20	7.25	729.67	24.00	12.47
AR-CDBd-PS3-R-GP	EA20010116040	24.10	7.09	674.00	24.13	9.59
AR-CDBd-PS3-AF2-GP	EA20010116041	24.30	7.37	669.67	24.30	7.77
AR-JdCc-PS1-R-Jan-OI	EA20010116042	23.80	6.97	674.33	23.60	7.83
AR-JdCc-PS1-AF2-Jan-OI	EA20010116043	23.80	7.41	669.00	23.80	5.93
AR-JdCc-PS2-R-Jan-OI	EA20010116044	24.10	6.91	945.00	24.00	6.47
AR-JdCc-PS2-AF2-Jan-OI	EA20010116045	23.90	7.17	922.75	24.05	6.48
AR-JdCc-PS3-R-Jan-OI	EA20010116046	24.10	6.97	833.67	24.10	8.47
AR-JdCc-PS3-AF2-Jan-OI	EA20010116047	24.10	7.46	830.33	24.00	6.11
EW-HMh-1-D-PTW-01-OI	EA20010116048	24.00	7.08	597.00	24.00	7.67
EW-CCcd-1-D-PTW-2B-OI	EA20010116049	24.03	7.01	818.67	24.00	8.20
No. of Total Sample	23					
No. of Total Service		23	23	23		23

mg/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens

FAAS: Flame Atomic Absorption Spectroscopy
 GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
 AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
 AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

SP: UV-VIS Spectroscopy
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 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-9	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA30.6	PPWQ-EA30.4	PPWQ-EA42	PPWQ-EA10	PPWQ-EA2.1
Analyte		Nitrite	Nitrate	Sulfate	Chloride	Bicarbonate
Method		SP	SP	SP	SP	Titration
PQL		0.02	0.20	5.00	0.6	20.00
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		mg/L	mg/L	mg/L	mg/L	mg CaCO3/L
User Sample ID	Laboratory Sample ID	NO2	NO3	SO4	Cl	HCO3
EW-HJML-1-D-147-OI	EA20010116027	<PQL	<PQL	<PQL	2.22	328.38
EW-HHR-1-D-26-OI	EA20010116028	0.47	<PQL	19.61	17.72	383.88
EW-HJMd-1-D-19-OI	EA20010116029	<PQL	<PQL	<PQL	1.14	448.63
EW-HKRg-1-D-74-OI	EA20010116030	1.19	1.83	<PQL	13.80	386.96
EW-HTKt-1-D-46-OI	EA20010116031	<PQL	<PQL	7.21	23.62	351.50
EW-JBBs-1-D-117-OI	EA20010116032	<PQL	<PQL	<PQL	0.71	314.50
IM-JSBk-3-1-OI	EA20010116033	0.15	2.26	<PQL	8.45	314.50
IM-JSEk-2-1-OI	EA20010116034	<PQL	1.73	<PQL	12.24	328.38
IM-JSEk-1-1-OI	EA20010116035	<PQL	<PQL	<PQL	9.33	316.82
AR-CDBd-PS1-R-GP	EA20010116036	<PQL	<PQL	<PQL	77.41	481.00
AR-CDBd-PS1-AF2-GP	EA20010116037	0.53	2.38	<PQL	21.72	471.75
AR-CDBd-PS2-R-GP	EA20010116038	<PQL	<PQL	<PQL	8.91	388.5
AR-CDBd-PS2-AF2-GP	EA20010116039	<PQL	<PQL	<PQL	8.67	370
AR-CDBd-PS3-R-GP	EA20010116040	0.02	<PQL	<PQL	3.58	370
AR-CDBd-PS3-AF2-GP	EA20010116041	0.22	4.37	<PQL	2.84	356.13
AR-JdCc-PS1-R-Jan-OI	EA20010116042	<PQL	<PQL	<PQL	1.14	360.75
AR-JdCc-PS1-AF2-Jan-OI	EA20010116043	<PQL	2.26	<PQL	1.43	351.5
AR-JdCc-PS2-R-Jan-OI	EA20010116044	<PQL	<PQL	<PQL	3.11	502.57
AR-JdCc-PS2-AF2-Jan-OI	EA20010116045	0.19	1.82	<PQL	3.04	499.5
AR-JdCc-PS3-R-Jan-OI	EA20010116046	<PQL	2.53	<PQL	1.88	453.25
AR-JdCc-PS3-AF2-Jan-OI	EA20010116047	<PQL	2.76	2.70	3.91	425.5
EW-HMh-1-D-PTW-01-OI	EA20010116048	<PQL	1.79	<PQL	3.78	305.25
EW-CCcd-1-D-PTW-2B-OI	EA20010116049	<PQL	0.95	30.28	44.63	352
No. of Total Sample	23					
No. of Total Service		23	23	23	23	23

mg/L: milligram per litre
 ug/L: microgram per litre

uS: microsiemens

FAAS: Flame Atomic Absorption Spectroscopy

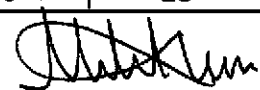
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AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

SP: UV-VIS Spectroscopy

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 Signature of Analyst
 (Mala Khan)

Plasma Plus+

Application & Research Laboratory

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 Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com

Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-10	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

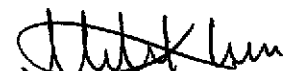
Service ID		PPWQ-EA24.1	PPWQ-EA28	PPWQ-EA20.1	PPWQ-EA7	PPWQ-EA40
Analyte		Fluoride	Hardness	Free CN	COD	TDS
Method		SP	Standard	SP	CR titration	Standard
PQL		0.1	0.5	0.009	20	0.13
Precision(%CV)**		<8%	<5%	<10%	<5%	<10%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	85% - 115%
Unit		mg/L	mg CaCO3/L	mg/L	mg O2/L	mg/L
User Sample ID	Laboratory Sample ID	F	Hardn.	CN	COD	TDS
EW-HJN1-1-D-147-OI	EA20010116027	0.55	78.91	<PQL	<PQL	388.05
EW-HHhr-1-D-26-OI	EA20010116028	0.41	107.48	0.01	<PQL	503.68
EW-HJMd-1-D-19-OI	EA20010116029	0.35	118.28	<PQL	<PQL	535.68
EW-HKRg-1-D-74-OI	EA20010116030	0.31	109.84	0.01	<PQL	492.59
EW-BTKt-1-D-46-OI	EA20010116031	0.46	104.38	0.02	<PQL	445.23
EW-JBbs-1-D-117-OI	EA20010116032	0.43	84.59	0.01	<PQL	374.83
IM-JSBk-3-1-OI	EA20010116033	0.43	55.71	<PQL	<PQL	393.39
IM-JSBk-2-1-OI	EA20010116034	0.38	54.47	<PQL	<PQL	397.65
IM-JSBk-1-1-OI	EA20010116035	0.35	55.45	<PQL	<PQL	399.20
AR-CDBd-PS1-R-GP	EA20010116036	0.47	146.17	0.01	<PQL	657.49
AR-CDBd-PS1-AF2-GP	EA20010116037	0.47	145.46	<PQL	19.36	630.08
AR-CDBd-PS2-R-GP	EA20010116038	0.37	111.67	0.01	<PQL	464.64
AR-CDBd-PS2-AF2-GP	EA20010116039	0.41	108.01	<PQL	<PQL	466.99
AR-CDBd-PS3-R-GP	EA20010116040	0.30	102.49	<PQL	<PQL	431.36
AR-CDBd-PS3-AF2-GP	EA20010116041	0.37	102.17	<PQL	<PQL	428.59
AR-JdCc-PS1-R-Jan-OI	EA20010116042	0.26	98.40	<PQL	<PQL	431.57
AR-JdCc-PS1-AF2-Jan-OI	EA20010116043	0.28	99.29	<PQL	<PQL	421.86
AR-JdCc-PS2-R-Jan-OI	EA20010116044	0.17	140.25	<PQL	11.33	604.80
AR-JdCc-PS2-AF2-Jan-OI	EA20010116045	0.15	147.27	<PQL	19.36	590.56
AR-JdCc-PS3-R-Jan-OI	EA20010116046	0.32	128.64	0.01	11.33	533.56
AR-JdCc-PS3-AF2-Jan-OI	EA20010116047	0.35	126.12	<PQL	<PQL	531.41
EW-HMMh-1-D-PTW-01-OI	EA20010116048	0.24	91.12	0.01	<PQL	382.08
EW-CCcd-1-D-PTW-2B-OI	EA20010116049	0.55	111.29	<PQL	<PQL	523.95
Total No. of Sample	23					
No. of Total Service		23	23	23	23	23

mg/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens

SP: UV-VIS Spectroscopy

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 GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
 AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
 AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-11	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA11	PPWQ-EA19	PPWQ-EA20	PPWQ-EA12	
Analyte		Sodium	Potassium	Calcium	Magnesium	
Method		FAAS	FAAS	FAAS	FAAS	
PQL		0.05	0.1	0.5	0.05	
Precision(%CV)**		<5%	<5%	<5%	<5%	
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	85% - 115%	
Unit		mg/L	mg/L	mg/L	mg/L	
User Sample ID	Laboratory Sample ID	Sodium	Potassium	Calcium	Magnesium	
EW-HJN1-1-D-147-HM	EA20010116127	11.68	1.71	58.52	20.39	
EW-HHR-1-D-26-HM	EA20010116128	7.82	2.87	90.11	17.37	
EW-HJMd-1-D-19-HM	EA20010116129	10.11	2.57	96.35	21.94	
EW-HRRg-1-D-74-HM	EA20010116130	8.57	2.67	88.59	21.25	
EW-HTKt-1-D-46-HM	EA20010116131	1.45	3.86	85.87	18.50	
EW-JBBs-1-D-117-HM	EA20010116132	4.25	2.14	68.92	15.67	
IM-JSBk-3-1-HM	EA20010116133	50.08	3.73	39.70	16.01	
IM-JSBk-2-1-HM	EA20010116134	53.00	3.51	38.26	16.21	
IM-JSBk-1-1-HM	EA20010116135	54.98	3.59	39.33	16.12	
AR-CDBd-PS1-R-HM	EA20010116136	13.78	5.95	115.32	30.85	
AR-CDBd-PS1-AF2-HM	EA20010116137	13.61	6.27	114.70	30.76	
AR-CDBd-PS2-R-HM	EA20010116138	6.31	4.53	91.86	19.81	
AR-CDBd-PS2-AF2-HM	EA20010116139	6.72	4.65	88.02	19.99	
AR-CDBd-PS3-R-HM	EA20010116140	6.41	4.06	85.16	17.33	
AR-CDBd-PS3-AF2-HM	EA20010116141	6.96	4.04	85.15	17.01	
AR-JdCc-PS1-R-Jan-HM	EA20010116142	6.55	3.87	78.28	20.12	
AR-JdCc-PS1-AF2-Jan-HM	EA20010116143	6.89	3.88	79.02	20.27	
AR-JdCc-PS2-R-Jan-HM	EA20010116144	12.41	4.37	117.45	22.70	
AR-JdCc-PS2-AF2-Jan-HM	EA20010116145	14.22	4.48	119.27	28.00	
AR-JdCc-PS3-R-Jan-HM	EA20010116146	13.29	3.92	106.69	21.96	
AR-JdCc-PS3-AF2-Jan-HM	EA20010116147	10.60	4.18	104.28	21.84	
EW-HMMh-1-D-PTW-01-HM	EA20010116148	8.33	3.89	76.92	14.26	
EW-CCCd-1-D-PTW-2B-HM	EA20010116149	21.70	4.31	92.36	18.93	
Total No. of Sample	23					
No. of Total Service		23	23	23	23	

mg/L: milligram per litre
 ug/L: microgram per litre
 us: microsiemens

SP: UV-VIS Spectroscopy

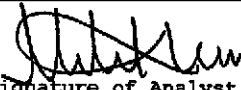
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GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-12	Date: July 10, 2002
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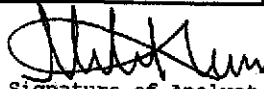
Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PFWQ-EA34	PFWQ-EA24	PFWQ-EA16	PFWQ-EA82	PFWQ-EA29
Analyte		Nickel	Total Cr	Zinc	Lead	Copper
Method		GFAAS	GFAAS	Extraction / FAAS	GFAAS	GFAAS
PQL		5.00	10.00	5.00	5.00	5.00
Precision(%CV)**		<10%	<10%	<10%	<10%	<10%
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	80% - 120%	85% - 115%
Unit		ug/L	ug/L	ug/L	ug/L	ug/L
User Sample ID	Laboratory Sample ID	Nickel	Total Cr	Zinc	Lead	Copper
EW-HJN1-1-D-147-HM	EA20010116127	5.3095	<PQL	<PQL	9.4	<PQL
EW-HHR-1-D-26-HM	EA20010116128	<PQL	<PQL	<PQL	11.86	<PQL
EW-HJMd-1-D-19-HM	EA20010116129	<PQL	<PQL	<PQL	<PQL	<PQL
EW-HKRg-1-D-74-HM	EA20010116130	4.6352	<PQL	17.04	<PQL	<PQL
EW-HTKt-1-D-46-HM	EA20010116131	<PQL	<PQL	<PQL	<PQL	<PQL
EW-JBBs-1-D-117-HM	EA20010116132	7.6692	<PQL	<PQL	<PQL	<PQL
IM-JSBk-3-1-HM	EA20010116133	6.4051	<PQL	<PQL	<PQL	<PQL
IM-JSBk-2-1-HM	EA20010116134	7.5007	<PQL	<PQL	<PQL	<PQL
IM-JSBk-1-1-HM	EA20010116135	<PQL	<PQL	<PQL	<PQL	<PQL
AR-CDBd-PS1-R-HM	EA20010116136	<PQL	<PQL	<PQL	<PQL	68.25
AR-CDBd-PS1-AF2-HM	EA20010116137	5.5623	<PQL	11.92	<PQL	<PQL
AR-CDBd-PS2-R-HM	EA20010116138	5.2252	<PQL	13.33	<PQL	<PQL
AR-CDBd-PS2-AF2-HM	EA20010116139	8.3434	<PQL	20.32	<PQL	<PQL
AR-CDBd-PS3-R-HM	EA20010116140	7.922	<PQL	7.75	<PQL	<PQL
AR-CDBd-PS3-AF2-HM	EA20010116141	6.0679	<PQL	20.23	<PQL	<PQL
AR-JdCc-PS1-R-Jan-HM	EA20010116142	<PQL	<PQL	99.86	<PQL	<PQL
AR-JdCc-PS1-AF2-Jan-HM	EA20010116143	<PQL	<PQL	72.89	<PQL	<PQL
AR-JdCc-PS2-R-Jan-HM	EA20010116144	5.0566	<PQL	22.05	<PQL	<PQL
AR-JdCc-PS2-AF2-Jan-HM	EA20010116145	<PQL	<PQL	38.68	<PQL	<PQL
AR-JdCc-PS3-R-Jan-HM	EA20010116146	6.6579	<PQL	95.52	<PQL	<PQL
AR-JdCc-PS3-AF2-Jan-HM	EA20010116147	<PQL	<PQL	41.52	<PQL	<PQL
EW-HMh-1-D-PTW-01-HM	EA20010116148	3.7925	<PQL	16.43	<PQL	<PQL
EW-CCcd-1-D-PTW-2B-HM	EA20010116149	<PQL	<PQL	4.61	<PQL	<PQL
No. of Total Sample	23					
No. of Total Service		23	23	23	23	23

mg/L: milligram per litre
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uS: microsiemens

SP: UV-VIS Spectroscopy
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Signature of Analyst
(Mala Khan)

Plasma Plus+	Application & Research Laboratory	
House No: 48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com		Department: Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1005-13	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	16-Jan-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA48.1	PPWQ-EA80.1		
Analyte		Cadmium	Mercury		
Method		GFAAS	FAAS-MVU		
PQL		1.5	1.00		
Precision(%CV)**		<10%	<10%		
Accuracy(%Recovery)**		85% - 115%	85% - 115%		
Unit		ug/L	ug/L		
User Sample ID	Laboratory Sample ID	Cadmium	Mercury		
EW-HJN1-1-D-147-HM	EA20010116127	<PQL	<PQL		
EW-HHR-1-D-26-HM	EA20010116128	<PQL	<PQL		
EW-HJMd-1-D-19-HM	EA20010116129	<PQL	<PQL		
EW-HKRg-1-D-74-HM	EA20010116130	<PQL	<PQL		
EW-HTKt-1-D-46-HM	EA20010116131	<PQL	<PQL		
EW-JBBs-1-D-117-HM	EA20010116132	<PQL	<PQL		
IM-JSBk-3-1-HM	EA20010116133	<PQL	<PQL		
IM-JSBk-2-1-HM	EA20010116134	<PQL	<PQL		
IM-JSBk-1-1-HM	EA20010116135	<PQL	3.13		
AR-CDBd-PS1-R-HM	EA20010116136	<PQL	<PQL		
AR-CDBd-PS1-AF2-HM	EA20010116137	<PQL	<PQL		
AR-CDBd-PS2-R-HM	EA20010116138	<PQL	<PQL		
AR-CDBd-PS2-AF2-HM	EA20010116139	<PQL	<PQL		
AR-CDBd-PS3-R-HM	EA20010116140	<PQL	<PQL		
AR-CDBd-PS3-AF2-HM	EA20010116141	<PQL	<PQL		
AR-JdCc-PS1-R-Jan-HM	EA20010116142	<PQL	<PQL		
AR-JdCc-PS1-AF2-Jan-HM	EA20010116143	<PQL	<PQL		
AR-JdCc-PS2-R-Jan-HM	EA20010116144	<PQL	<PQL		
AR-JdCc-PS2-AF2-Jan-HM	EA20010116145	<PQL	<PQL		
AR-JdCc-PS3-R-Jan-HM	EA20010116146	<PQL	<PQL		
AR-JdCc-PS3-AF2-Jan-HM	EA20010116147	<PQL	<PQL		
EW-HMMh-1-D-PTW-01-HM	EA20010116148	<PQL	<PQL		
EW-CCCd-1-D-PTW-2B-HM	EA20010116149	<PQL	<PQL		
Total No. of Sample	23				
No. of Total Service		23	23		

mg/L: milligram per litre
ug/L: microgram per litre
uS: microsiemens

SP: UV-VIS Spectroscopy

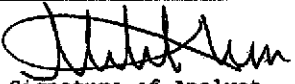
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Signature of Analyst
(Mala Khan)

Plasma Plus+

Application & Research Laboratory

House No:48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh
 Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com

Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1005-14	Date: July 10, 2002
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Customer ID: JICASTUDY01	Sample Received Date: 16-Jan-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA26	PPWQ-EA25		
Analyte		Dissolved Fe	Dissolved Mn		
Method		FAAS	FAAS		
PQL		0.2	0.08		
Precision(%CV)**		5%	5%		
Accuracy(*Recovery)**		90% - 110%	85% - 115%		
Unit		mg/L	mg/L		
User Sample ID	Laboratory Sample ID	Dissolved Fe	Dissolved Mn		
EW-HJN1-1-D-147-FeMn	EA20010116227	1.19	0.52		
EW-HHR-1-D-26-FeMn	EA20010116228	2.48	0.98		
EW-HJMd-1-D-19-FeMn	EA20010116229	8.10	0.18		
EW-HKRG-1-D-74-FeMn	EA20010116230	4.85	0.26		
EW-HTKt-1-D-46-FeMn	EA20010116231	2.13	0.18		
EW-JBBS-1-D-117-FeMn	EA20010116232	1.33	0.23		
IM-JSBk-3-1-FeMn	EA20010116233	1.48	0.20		
IM-JSBk-2-1-FeMn	EA20010116234	1.34	0.17		
IM-JSBk-1-1-FeMn	EA20010116235	1.31	0.20		
AR-CDBd-PS1-R-FeMn	EA20010116236	1.74	0.98		
AR-CDBd-PS1-AF2-FeMn	EA20010116237	0.22	0.81		
AR-CDBd-PS2-R-FeMn	EA20010116238	4.88	0.86		
AR-CDBd-PS2-AF2-FeMn	EA20010116239	0.88	0.92		
AR-CDBd-PS3-R-FeMn	EA20010116240	3.77	0.56		
AR-CDBd-PS3-AF2-FeMn	EA20010116241	0.39	0.29		
AR-JdCc-PS1-R-Jan-FeMn	EA20010116242	2.52	0.35		
AR-JdCc-PS1-AF2-Jan-FeMn	EA20010116243	0.36	0.17		
AR-JdCc-PS2-R-Jan-FeMn	EA20010116244	2.07	0.29		
AR-JdCc-PS2-AF2-Jan-FeMn	EA20010116245	0.54	0.18		
AR-JdCc-PS3-R-Jan-FeMn	EA20010116246	3.09	0.69		
AR-JdCc-PS3-AF2-Jan-FeMn	EA20010116247	0.45	0.21		
EW-HMMh-1-D-PTW-01-FeMn	EA20010116248	1.95	0.23		
EW-CCcd-1-D-PTW-2B-FeMn	EA20010116249	1.43	0.60		
Total No. of Sample	23				
No. of Total Service		23	23		

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AAS-MVU: Atomic Absorption Spectroscopy with Meroury Vaporizer Unit


 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1006-1	Date: July 10, 2002
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Customer ID: JICASTUDY01	Sample Received Date: 4-Mar-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA34.1	PPWQ-EA34	PPWQ-EA16	PPWQ-EA34.1	PPWQ-EA30.1
Analyte		Temperature	pH	Conductivity	at Temperature	Ammonium
Method		Thermometer	pH meter	Conductivity meter	Thermometer	SP
PQL		0 Deg C	0	0.2	0	0.1
Precision (%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy (%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		Deg C		uS/cm	Deg C	mg/L
User Sample ID	Laboratory Sample ID	T	pH	EC	at T	NH4
CB-CD-IM-OI	EA20010304001	23.2	7.12	803.7	22.9	1.38
CB-2-CD-0-OI	EA20010304002	24.4	7.01	822.3	23.1	1.76
CB-2-CD-0-OI (D)	EA20010304003	24.3	7.23	811.7	24.6	1.28
OW-CH-1-BPR-OI	EA20010304004	23.2	7.22	816.7	23.1	0.65
OW-CH-1-CP-48h-OI	EA20010304006	23.9	7.27	841.00	22.80	1.06
Im-JK-1-2-OI	EA20010304007	25.7	7.73	582.3	23.8	<PQL
Im-JK-2-2-OI	EA20010304008	23.6	7.72	569.0	23.3	<PQL
Im-JK-2-2-OI (D)	EA20010304009	23.2	7.70	564.0	22.9	<PQL
Im-JK-3-2-OI	EA20010304010	24.3	7.46	568.83	23.20	<PQL
Im-JhKc-1-OM-OI	EA20010304011	24.6	7.16	949.3	23.4	0.75
Im-JhKc-2-OM-OI	EA20010304012	23.7	7.07	903.7	23.6	1.65
Im-JhKc-1-OM-OI (B)	EA20010304013	24.2	6.08	19.7	24.3	<PQL
Im-JhKc-3-OM-OI	EA20010304014	24.1	6.79	944.7	25.0	1.33
OH-CH1-1-BP-OI	EA20010304015	23.6	7.27	420.25	24.60	<PQL
OH-CH1-2-BP-OI	EA20010304016	24.5	7.37	370.7	24.5	0.44
OH-CH1-3-BP-OI	EA20010304017	23.9	7.57	507.0	24.0	0.70
OH-CH1-4-BP-OI	EA20010304018	24.1	7.35	748.0	24.3	0.24
OH-CH-1-1-SIP-30min-OI	EA20010304019	25.0	7.11	451.3	23.8	0.59
OH-CH-1-1-SIP-2h-OI	EA20010304020	24.0	7.23	466.50	24.10	0.71
OH-CH-1-2-SIP-30min-OI	EA20010304021	24.6	7.20	413.3	24.0	0.47
OH-CH-1-2-SIP-2h-OI	EA20010304022	24.8	7.22	420.0	24.4	0.52
OH-CH-1-3-SIP-30min-OI	EA20010304023	25.3	7.15	588.0	25.1	0.83
OH-CH-1-3-SIP-2h-OI	EA20010304024	24.8	7.12	582.3	24.5	0.82
OH-CH-1-4-SIP-30min-OI	EA20010304025	25.2	7.01	850.40	24.85	0.47
Total No. of Samples	24					
Total No. of Services		24	24	24		24

mg/L: milligram per litre
ug/L: microgram per litre

uS: microsiemens

FAAS: Flame Atomic Absorption Spectroscopy

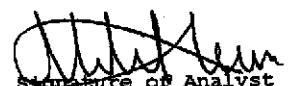
GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

SP: UV-VIS Spectroscopy

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Signature of Analyst
(Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-2	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA30.6	PPWQ-EA30.4	PPWQ-EA42	PPWQ-EA10	PPWQ-EA2.1
Analyte		Nitrite	Nitrate	Sulfate	Chloride	Bicarbonate
Method		SP	SP	SP	SP	Titration
PQL		0.02	0.2	5	0.6	20
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		mg/L	mg/L	mg/L	mg/L	mg CaCO3/L
User Sample ID	Laboratory Sample ID	NO2	NO3	SO4	CL	HCO3
CB-CD-IM-OI	EA20010304001	<PQL	<PQL	<PQL	1.26	481.00
CB-2-CD-O-OI	EA20010304002	<PQL	<PQL	<PQL	1.76	481.00
CB-2-CD-O-OI (D)	EA20010304003	<PQL	<PQL	<PQL	1.69	475.45
OW-CH-1-BPR-OI	EA20010304004	0.16	<PQL	<PQL	3.04	475.45
OW-CH-1-CP-48h-OI	EA20010304006	<PQL	<PQL	<PQL	2.27	492.10
Im-JK-1-2-OI	EA20010304007	<PQL	1.60	<PQL	10.79	314.50
Im-JK-2-2-OI	EA20010304008	1.53	1.53	<PQL	11.29	314.50
Im-JK-2-2-OI (D)	EA20010304009	<PQL	1.63	<PQL	11.22	314.50
Im-JK-3-2-OI	EA20010304010	2.01	2.35	<PQL	7.31	305.25
Im-JhKc-1-OM-OI	EA20010304011	<PQL	<PQL	<PQL	0.87	545.75
Im-JhKc-2-OM-OI	EA20010304012	<PQL	<PQL	<PQL	2.00	499.50
Im-JhKc-1-OM-OI (B)	EA20010304013	<PQL	<PQL	<PQL	1.48	11.10
Im-JhKc-3-OM-OI	EA20010304014	<PQL	<PQL	<PQL	1.30	555.00
OH-CH1-1-BP-OI	EA20010304015	1.03	1.37	<PQL	6.11	212.75
OH-CH1-2-BP-OI	EA20010304016	<PQL	<PQL	<PQL	3.40	194.25
OH-CH1-3-BP-OI	EA20010304017	0.64	1.44	5.51	14.14	259.00
OH-CH1-4-BP-OI	EA20010304018	<PQL	<PQL	<PQL	19.44	388.50
OH-CH-1-1-SIP-30min-OI	EA20010304019	<PQL	<PQL	<PQL	2.04	259.00
OH-CH-1-1-SIP-2h-OI	EA20010304020	<PQL	<PQL	<PQL	1.49	259.00
OH-CH-1-2-SIP-30min-OI	EA20010304021	<PQL	<PQL	<PQL	1.26	240.50
OH-CH-1-2-SIP-2h-OI	EA20010304022	<PQL	<PQL	<PQL	0.87	240.50
OH-CH-1-3-SIP-30min-OI	EA20010304023	0.20	<PQL	<PQL	4.10	323.75
OH-CH-1-3-SIP-2h-OI	EA20010304024	0.02	<PQL	<PQL	2.16	333.00
OH-CH-1-4-SIP-30min-OI	EA20010304025	<PQL	<PQL	<PQL	4.88	499.50
Total No. of Samples	24					
Total No. of Services		24	24	24	24	24

mg/L: milligram per litre
ug/L: microgram per litre

us: microsiemens
SP: UV-VIS Spectroscopy
FAAS: Flame Atomic Absorption Spectroscopy
GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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Signature of Analyst
(Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-3	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA24.1	PPWQ-EA28	PPWQ-EA20.1	PPWQ-EA7	PPWQ-EA40
Analyte		Fluoride	Hardness	Free CN	COD	TDS
Method		SP	Standard	SP	CR titration	Standard
PQL		0.1	0.5	0.009	20	0.13
Precision(%CV)**		<8%	<5%	<10%	<5%	<10%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	85% - 115%
Unit		mg/L	mg CaCO3/L	mg/L	mg O2/L	mg/L
User Sample ID	Laboratory Sample ID	F	Hardn.	CN	COD	TDS
CB-CD-IM-OI	EA20010304001	0.23	140.51	<PQL	19.52	514.37
CB-2-CD-O-OI	EA20010304002	0.16	123.99	<PQL	<PQL	526.27
CB-2-CD-O-OI (D)	EA20010304003	0.25	124.57	<PQL	19.52	519.49
OW-CH-1-BPR-OI	EA20010304004	0.29	121.97	<PQL	19.52	522.69
OW-CH-1-CP-48h-OI	EA20010304006	0.30	155.15	0.017	<PQL	538.24
Im-JK-1-2-OI	EA20010304007	0.39	56.18	0.013	19.52	372.67
Im-JK-2-2-OI	EA20010304008	0.40	55.09	0.014	<PQL	364.16
Im-JK-2-2-OI (D)	EA20010304009	0.39	56.81	0.014	<PQL	360.96
Im-JK-3-2-OI	EA20010304010	0.45	57.82	0.017	<PQL	364.05
Im-JhKc-1-OM-OI	EA20010304011	0.31	161.95	<PQL	27.35	607.55
Im-JhKc-2-OM-OI	EA20010304012	0.24	161.61	0.011	19.52	578.37
Im-JhKc-1-OM-OI (B)	EA20010304013	0.15	0.31	0.010	<PQL	12.61
Im-JhKc-3-OM-OI	EA20010304014	0.33	162.95	0.013	35.17	604.61
OH-CH1-1-BP-OI	EA20010304015	0.28	57.86	<PQL	31.23	268.96
OH-CH1-2-BP-OI	EA20010304016	0.24	57.06	0.013	<PQL	237.25
OH-CH1-3-BP-OI	EA20010304017	0.27	76.91	<PQL	31.23	324.48
OH-CH1-4-BP-OI	EA20010304018	0.21	100.66	0.014	31.23	478.72
OH-CH-1-1-SIP-30min-OI	EA20010304019	0.29	78.68	<PQL	27.32	288.83
OH-CH-1-1-SIP-2h-OI	EA20010304020	0.27	79.95	0.014	28.63	298.56
OH-CH-1-2-SIP-30min-OI	EA20010304021	0.27	71.41	0.012	<PQL	264.51
OH-CH-1-2-SIP-2h-OI	EA20010304022	0.32	73.68	0.012	<PQL	268.80
OH-CH-1-3-SIP-30min-OI	EA20010304023	0.32	98.91	0.013	<PQL	376.32
OH-CH-1-3-SIP-2h-OI	EA20010304024	0.30	99.35	<PQL	<PQL	372.67
OH-CH-1-4-SIP-30min-OI	EA20010304025	0.31	144.72	0.019	<PQL	544.26
Total No. of Samples	24					
Total No. of Services		24	24	24	24	24

mg/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens

SP: UV-VIS Spectroscopy

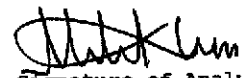
FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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 Signature of Analyst
 (Mala Khan)

Plasma Plus+

Application & Research Laboratory

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 Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com

Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref: **PP/EA/JICASTUDY01/MK/2002/07/1006-4** Date: July 10, 2002

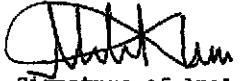
Customer ID: **JICASTUDY01** Sample Received Date: **4-Mar-01** Sample Type: **Water supplied in PVC bottles.**
 Customer: **JICA STUDY TEAM**
 Contact Person: **Mr. M. Fukuda**
 Address: **C/O:DPHE Jessore, Jessore**

Service ID		PPWQ-EA11	PPWQ-EA19	PPWQ-EA20	PPWQ-EA12	
Analyte		Sodium	Potassium	Calcium	Magnesium	
Method		FAAS	FAAS	FAAS	FAAS	
PQL		0.05	0.1	0.5	0.05	
Precision(%CV)**		<5%	<5%	<5%	<5%	
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	85% - 115%	
Unit		mg/L	mg/L	mg/L	mg/L	
User Sample ID	Laboratory Sample ID	Sodium	Potassium	Calcium	Magnesium	
CB-CD-IM-HM	EA20010304101	18.1300	3.922	97.68	42.84	
CB-2-CD-O-HM	EA20010304102	23.5925	3.755	89.89	34.10	
CB-2-CD-O-HM(D)	EA20010304103	23.5950	3.767	88.79	35.78	
OW-CH-1-BPR-HM	EA20010304104	22.6250	3.989	121.94	2.97	
OW-CH-1-CP-48h-HM	EA20010304106	18.2500	3.486	126.09	29.07	
Im-JK-1-2-HM	EA20010304107	71.2125	3.125	37.04	19.15	
Im-JK-2-2-HM	EA20010304108	68.2675	3.090	36.32	18.78	
Im-JK-2-2-HM(D)	EA20010304109	72.1400	3.186	38.49	18.31	
Im-JK-3-2-HM	EA20010304110	65.6340	2.821	39.51	18.31	
Im-JhKc-1-OM-HM	EA20010304111	29.0200	4.878	132.80	29.15	
Im-JhKc-2-OM-HM	EA20010304112	26.8550	4.534	132.38	29.23	
Im-JhKc-1-OM-HM(B)	EA20010304113	14.0475	0.423	<PQL	0.06	
Im-JhKc-3-OM-HM	EA20010304114	27.0225	4.917	133.98	28.98	
OH-CH1-1-BP-HM	EA20010304115	29.9500	3.628	44.95	12.57	
OH-CH1-2-BP-HM	EA20010304116	16.2660	3.473	44.96	12.11	
OH-CH1-3-BP-HM	EA20010304117	31.0940	3.614	59.12	17.80	
OH-CH1-4-BP-HM	EA20010304118	58.3900	4.477	74.47	26.20	
OH-CH-1-1-SIP-30min-HM	EA20010304119	17.3720	4.482	63.61	15.07	
OH-CH-1-1-SIP-2h-HM	EA20010304120	14.3060	3.352	64.70	15.25	
OH-CH-1-2-SIP-30min-HM	EA20010304121	12.6020	3.656	58.48	12.93	
OH-CH-1-2-SIP-2h-HM	EA20010304122	11.6540	3.743	60.56	13.12	
OH-CH-1-3-SIP-30min-HM	EA20010304123	27.8550	3.733	79.43	19.48	
OH-CH-1-3-SIP-2h-HM	EA20010304124	19.3875	3.741	79.81	19.53	
OH-CH-1-4-SIP-30min-HM	EA20010304125	42.7800	4.123	116.37	28.35	
Total No. of Samples	24					
Total No. of Services		24	24	24	24	

mg/L: milligram per litre
 ug/L: microgram per litre

uS: microsiemens
 SP: UV-VIS Spectroscopy
 FAAS: Flame Atomic Absorption Spectroscopy
 GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
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 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-5	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person:	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA34	PPWQ-EA24	PPWQ-EA16	PPWQ-EA82	PPWQ-EA29
Analyte		Nickel	Total Cr	Zinc	Lead	Copper
Method		GFAAS	GFAAS	Extraction / FAAS	GFAAS	GFAAS
PQL		5.00	10.00	5.00	5.00	5.00
Precision(8CV)**		<10%	<10%	<10%	<10%	<10%
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	80% - 120%	85% - 115%
Unit		ug/L	ug/L	ug/L	ug/L	ug/L
User Sample ID	Laboratory Sample ID	Nickel	Total Cr	Zinc	Lead	Copper
CB-CD-IM-HM	EA20010304101	6.0681	<PQL	6.76	<PQL	8.7616
CB-2-CD-O-HM	EA20010304102	5.1475	<PQL	<PQL	<PQL	<PQL
CB-2-CD-O-HM(D)	EA20010304103	4.7397	<PQL	<PQL	<PQL	<PQL
OW-CH-1-BPR-HM	EA20010304104	<PQL	<PQL	<PQL	<PQL	<PQL
OW-CH-1-CP-48h-HM	EA20010304106	5.7451	<PQL	<PQL	<PQL	<PQL
Im-JK-1-2-HM	EA20010304107	4.9175	<PQL	<PQL	4.32	<PQL
Im-JK-2-2-HM	EA20010304108	4.2899	<PQL	<PQL	6.13	<PQL
Im-JK-2-2-HM(D)	EA20010304109	<PQL	<PQL	3.5165	<PQL	<PQL
Im-JK-3-2-HM	EA20010304110	4.0543	<PQL	15.0974	<PQL	<PQL
Im-JhKc-1-OM-HM	EA20010304111	9.8162	<PQL	<PQL	<PQL	<PQL
Im-JhKc-2-OM-HM	EA20010304112	4.1293	<PQL	<PQL	<PQL	<PQL
Im-JhKc-1-OM-HM(B)	EA20010304113	<PQL	<PQL	<PQL	<PQL	9.5457
Im-JhKc-3-OM-HM	EA20010304114	<PQL	<PQL	<PQL	<PQL	<PQL
OH-CH1-1-BP-HM	EA20010304115	<PQL	<PQL	<PQL	<PQL	<PQL
OH-CH1-2-BP-HM	EA20010304116	7.2991	<PQL	<PQL	<PQL	<PQL
OH-CH1-3-BP-HM	EA20010304117	3.8677	<PQL	<PQL	<PQL	<PQL
OH-CH1-4-BP-HM	EA20010304118	9.4974	<PQL	<PQL	<PQL	<PQL
OH-CH-1-1-SIP-30min-HM	EA20010304119	6.0451	<PQL	<PQL	<PQL	<PQL
OH-CH-1-1-SIP-2h-HM	EA20010304120	8.2430	<PQL	<PQL	<PQL	4.3247
OH-CH-1-2-SIP-30min-HM	EA20010304121	5.0656	<PQL	6.5719	<PQL	<PQL
OH-CH-1-2-SIP-2h-HM	EA20010304122	6.7956	<PQL	<PQL	<PQL	<PQL
OH-CH-1-3-SIP-30min-HM	EA20010304123	<PQL	<PQL	<PQL	<PQL	<PQL
OH-CH-1-3-SIP-2h-HM	EA20010304124	5.2251	<PQL	6.0085	4.01	<PQL
OH-CH-1-4-SIP-30min-HM	EA20010304125	5.0359	<PQL	31.2958	3.82	<PQL
Total No. of Samples	24					
Total No. of Services		24	24	24	24	24

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

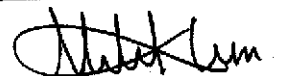
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Signature of Analyst
(Mala Khan)

Analytical Report Sheet

Report Ref: **PP/EA/JICASTUDY01/MK/2002/07/1006-6** Date: **July 10, 2002**

Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA48.1	PPWQ-EA80.1		
Analyte		Cadmium	Mercury		
Method		GFAAS	FAAS-MVU		
PQL		1.5	1.00		
Precision(%CV)**		<10%	<10%		
Accuracy(%Recovery)**		85% - 115%	85% - 115%		
Unit		ug/L	ug/L		
User Sample ID	Laboratory Sample ID	Cadmium	Mercury		
CB-CD-IM-HM	EA20010304101	<PQL	<PQL		
CB-2-CD-O-HM	EA20010304102	<PQL	<PQL		
CB-2-CD-O-HM(D)	EA20010304103	<PQL	<PQL		
OW-CH-1-BPR-HM	EA20010304104	<PQL	<PQL		
OW-CH-1-CP-48h-HM	EA20010304106	<PQL	<PQL		
Im-JK-1-2-HM	EA20010304107	<PQL	<PQL		
Im-JK-2-2-HM	EA20010304108	<PQL	<PQL		
Im-JK-2-2-HM(D)	EA20010304109	<PQL	<PQL		
Im-JK-3-2-HM	EA20010304110	<PQL	<PQL		
Im-JhKc-1-OM-HM	EA20010304111	<PQL	<PQL		
Im-JhKc-2-OM-HM	EA20010304112	<PQL	<PQL		
Im-JhKc-1-OM-HM(E)	EA20010304113	<PQL	<PQL		
Im-JhKc-3-OM-HM	EA20010304114	<PQL	<PQL		
OH-CH1-1-BP-HM	EA20010304115	<PQL	<PQL		
OH-CH1-2-BP-HM	EA20010304116	<PQL	<PQL		
OH-CH1-3-BP-HM	EA20010304117	<PQL	<PQL		
OH-CH1-4-BP-HM	EA20010304118	<PQL	<PQL		
OH-CH-1-1-SIP-30min-HM	EA20010304119	<PQL	<PQL		
OH-CH-1-1-SIP-2h-HM	EA20010304120	<PQL	<PQL		
OH-CH-1-2-SIP-30min-HM	EA20010304121	<PQL	<PQL		
OH-CH-1-2-SIP-2h-HM	EA20010304122	<PQL	<PQL		
OH-CH-1-3-SIP-30min-HM	EA20010304123	<PQL	<PQL		
OH-CH-1-3-SIP-2h-HM	EA20010304124	<PQL	<PQL		
OH-CH-1-4-SIP-30min-HM	EA20010304125	<PQL	<PQL		
Total No. of Samples	24				
Total No. of Services		24	24		

ug/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens

SP: UV-VIS Spectroscopy

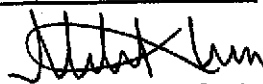
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FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


 Signature of Analyst
 (Mala Khan)

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Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-7	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA26	PPWQ-EA25		
Analyte		Dissolved Fe	Dissolved Mn		
Method		FAAS	FAAS		
PQL		0.2	0.08		
Precision(%CV)**		6%	5%		
Accuracy(%Recovery)**		90% - 110%	85% - 115%		
Unit		mg/L	mg/L		
User Sample ID	Laboratory Sample ID	Dissolved Fe	Dissolved Mn		
CB-CD-IM-FeMn	EA20010304201	2.108	0.174		
CB-2-CD-O-FeMn	EA20010304202	14.755	0.247		
CB-2-CD-O-FeMn (D)	EA20010304203	15.662	0.239		
OW-CH-1-BPR-FeMn	EA20010304204	1.035	0.293		
OW-CH-1-CP-48h-FeMn	EA20010304206	0.768	0.020		
Im-JK-1-2-FeMn	EA20010304207	0.214	0.011		
Im-JK-2-2-FeMn	EA20010304208	0.100	<PQL		
Im-JK-2-2-FeMn (D)	EA20010304209	0.085	<PQL		
Im-JK-3-2-FeMn	EA20010304210	0.413	0.010		
Im-JhKc-1-OM-FeMn	EA20010304211	3.245	0.201		
Im-JhKc-2-OM-FeMn	EA20010304212	1.546	0.021		
Im-JhKc-1-OM-FeMn (B)	EA20010304213	0.141	<PQL		
Im-JhKc-3-OM-FeMn	EA20010304214	3.613	0.143		
OH-CH1-1-BP-FeMn	EA20010304215	5.967	0.522		
OH-CH1-2-BP-FeMn	EA20010304216	0.726	0.172		
OH-CH1-3-BP-FeMn	EA20010304217	2.979	0.136		
OH-CH1-4-BP-FeMn	EA20010304218	6.888	0.090		
OH-CH-1-1-SIP-30min-FeMn	EA20010304219	1.800	0.245		
OH-CH-1-1-SIP-2h-FeMn	EA20010304220	1.906	0.164		
OH-CH-1-2-SIP-30min-FeMn	EA20010304221	1.566	0.133		
OH-CH-1-2-SIP-2h-FeMn	EA20010304222	1.431	0.101		
OH-CH-1-3-SIP-30min-FeMn	EA20010304223	2.385	0.326		
OH-CH-1-3-SIP-2h-HM	EA20010304224	1.922	0.210		
OH-CH-1-4-SIP-30min-FeMn	EA20010304225	2.311	0.403		
Total No. of Samples	24				
Total No. of Services		24	24		

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy


** The Precision & Accuracy are defined only for the laboratory process not for the sampling, transporting and storage processes.

FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1006-8

Date: July 10, 2002

Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA34.1	PPWQ-EA34	PPWQ-EA16	PPWQ-EA34.1	PPWQ-EA30.1
Analyte		Temperature	pH	Conductivity	at Temperature	Ammonium
Method		Thermometer	pH meter	Conductivity meter	Thermometer	SP
PQL		0 Deg C	0	0.2	0	0.1
Precision (%CV) **		<8%	<8%	<8%	<8%	<8%
Accuracy (%Recovery) **		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		Deg C		uS/cm	Deg C	mg/L
User Sample ID	Laboratory Sample ID	T	pH	EC	at T	NH4
OH-CH-1-4-SIP-2h-OI	EA20010304026	27.4	6.98	860.0	24.7	0.46
AR-CdBd-DB1-R-Jan-OI	EA20010304027	26.5	7.24	595.0	24.7	<PQL
AR-CdBd-DB1-AF-Jan-OI	EA20010304028	25.4	6.86	630.7	25.0	10.44
AR-CdBd-DB2-R-Jan-OI	EA20010304029	24.8	7.30	414.0	24.9	<PQL
AR-CdBd-DB2-AF-Jan-OI	EA20010304030	25.1	6.71	467.27	24.08	9.58
AR-CdBd-AA-R-Jan-OI	EA20010304031	24.7	7.42	672.7	24.3	<PQL
AR-CdBd-AA-AF-Jan-OI	EA20010304032	24.6	7.18	624.7	24.1	0.16
AR-JSRB-DBP1-R-Jan-OI	EA20010304033	25.0	7.05	2593.3	24.4	1.61
AR-JSRB-DBP-1-AF-Jan-(SP-1)	EA20010304034	25.7	6.80	2730.0	24.7	2.00
AR-JSRB-DBP-1-AF-Jan-(SP-3)	EA20010304035	24.90	6.67	2717.50	24.55	3.14
AR-JSRB-DBP-2-R-Jan-OI	EA20010304036	24.4	7.05	2580.0	24.2	1.44
AR-JSRB-DBP-2-AF-Jan-(SP-2)	EA20010304037	24.6	6.61	2660.0	24.3	2.19
AR-JSRb-PS1-R-Jan-OI	EA20010304038	24.4	7.08	2513.3	24.1	1.61
AR-JSRb-PS1-AF-Jan-OI	EA20010304039	24.4	7.21	2500.0	24.3	0.57
AR-JSRb-PS2-R-Jan-OI	EA20010304040	23.9	7.40	2515.53	24.00	1.23
AR-JSRB-PS2-AF-Jan-OI	EA20010304041	23.7	7.44	2363.3	23.7	1.43
AR-JSRb-PS3-R-Jan-OI	EA20010304042	24.0	7.21	2460.0	23.7	1.34
AR-JSRb-PS3-AF-Jan-OI	EA20010304043	24.1	7.39	2500.0	23.9	1.32
AR-JSRb-AA-R-Jan-OI	EA20010304044	24.3	7.22	2436.7	24.3	1.42
AR-JSRb-AA-AF-Jan-OI	EA20010304045	24.0	7.28	2315.0	23.9	0.32
AR-JhKc-DBT1-R-Feb-OI	EA20010304046	23.7	7.08	818.3	23.8	<PQL
AR-JhKc-DBT1-AF-Feb-OI	EA20010304047	24.4	6.94	886.7	23.8	2.62
AR-JhKc-DBT2-R-Feb-OI	EA20010304048	24.2	7.08	922.0	23.8	<PQL
AR-JhKc-DBT2-AF-Feb-OI	EA20010304049	24.8	7.03	981.3	25.2	1.45
AR-JhKc-AA-R-Feb-OI	EA20010304050	24.5	6.99	1215.50	24.17	2.57
Total No. of Samples	25					
Total No. of Services		25	25	25		25

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

FAAS: Flame Atomic Absorption Spectroscopy

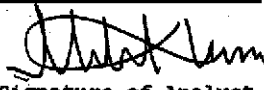
GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

SP: UV-VIS Spectroscopy

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Signature of Analyst
(Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-9	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA30.6	PPWQ-EA30.4	PPWQ-EA42	PPWQ-EA10	PPWQ-EA2.1
Analyte		Nitrite	Nitrate	Sulfate	Chloride	Bicarbonate
Method		SP	SP	SP	SP	Titration
PQL		0.02	0.20	5.00	0.6	20.00
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		mg/L	mg/L	mg/L	mg/L	mg CaCO3/L
User Sample ID	Laboratory Sample ID	N02	N03	S04	Cl	HC03
OH-CH-1-4-SIP-2h-OI	EA20010304026	<PQL	<PQL	<PQL	2.71	490.25
AR-CdBd-DB1-R-Jan-OI	EA20010304027	2.33	3.31	<PQL	1.20	351.50
AR-CdBd-DB1-AF-Jan-OI	EA20010304028	0.38	18.65	89.47	<PQL	222.00
AR-CdBd-DB2-R-Jan-OI	EA20010304029	2.36	2.54	<PQL	<PQL	240.50
AR-CdBd-DB2-AF-Jan-OI	EA20010304030	0.04	<PQL	70.56	<PQL	185.00
AR-CdBd-AA-R-Jan-OI	EA20010304031	<PQL	0.97	<PQL	11.17	370.00
AR-CdBd-AA-AF-Jan-OI	EA20010304032	<PQL	1.66	83.48	11.53	277.50
AR-JSRB-DBP1-R-Jan-OI	EA20010304033	<PQL	<PQL	<PQL	553.33	573.50
AR-JSRB-DBP-1-AF-Jan-(SP-1)-OI	EA20010304034	2.15	42.06	119.70	623.50	434.75
AR-JSRB-DBP-1-AF-Jan-(SP-3)-OI	EA20010304035	5.75	24.73	240.78	567.47	333.00
AR-JSRB-DBP-2-R-Jan-OI	EA20010304036	<PQL	<PQL	<PQL	496.00	573.50
AR-JSRB-DBP-2-AF-Jan-(SP-2)-OI	EA20010304037	29.88	31.57	125.57	540.58	333.00
AR-JSRb-PS1-R-Jan-OI	EA20010304038	<PQL	<PQL	<PQL	504.50	545.75
AR-JSRb-PS1-AF-Jan-OI	EA20010304039	0.65	16.08	<PQL	488.05	499.50
AR-JSRb-PS2-R-Jan-OI	EA20010304040	<PQL	<PQL	<PQL	600.69	538.04
AR-JSRb-PS2-AF-Jan-OI	EA20010304041	0.66	16.51	<PQL	513.17	527.25
AR-JSRb-PS3-R-Jan-OI	EA20010304042	<PQL	<PQL	<PQL	550.60	555.00
AR-JSRb-PS3-AF-Jan-OI	EA20010304043	5.25	17.62	<PQL	457.38	555.00
AR-JSRb-AA-R-Jan-OI	EA20010304044	<PQL	<PQL	<PQL	541.40	573.50
AR-JSRb-AA-AF-Jan-OI	EA20010304045	1.21	4.38	40.13	451.29	518.00
AR-JhKc-DBT1-R-Feb-OI	EA20010304046	4.48	4.97	<PQL	3.56	475.45
AR-JhKc-DBT1-AF-Feb-OI	EA20010304047	0.44	15.74	76.15	1.21	434.75
AR-JhKc-DBT2-R-Feb-OI	EA20010304048	<PQL	14.54	<PQL	<PQL	536.50
AR-JhKc-DBT2-AF-Feb-OI	EA20010304049	0.05	9.91	68.76	1.08	499.50
AR-JhKc-AA-R-Feb-OI	EA20010304050	<PQL	<PQL	<PQL	112.95	490.25
Total No. of Samples	25					
Total No. of Services		25	25	25	25	25

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

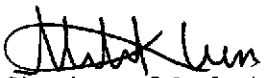
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Signature of Analyst
(Mala Khan)

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Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1006-10

Date: July 10, 2002

Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person:	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA24.1	PPWQ-EA28	PPWQ-EA20.1	PPWQ-EA7	PPWQ-EA40
Analyte		Fluoride	Hardness	Free CN	COD	TDS
Method		SP	Standard	SP	CR titration	Standard
PQL		0.1	0.5	0.009	20	0.13
Precision(%CV)**		<8%	<5%	<10%	<5%	<10%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	85% - 115%
Unit		mg/L	mg CaCO3/L	mg/L	mg O2/L	mg/L
User Sample ID	Laboratory Sample ID	F	Hardn.	CN	COD	TDS
OH-CH-1-4-SIP-2h-OI	EA20010304026	0.26	147.66	<PQL	<PQL	550.40
AR-CdBd-DB1-R-Jan-OI	EA20010304027	0.64	109.78	<PQL	27.33	380.80
AR-CdBd-DB1-AF-Jan-OI	EA20010304028	0.59	106.18	0.012	46.85	403.65
AR-CdBd-DB2-R-Jan-OI	EA20010304029	1.12	72.11	<PQL	<PQL	264.96
AR-CdBd-DB2-AF-Jan-OI	EA20010304030	1.22	69.25	0.014	19.52	299.05
AR-CdBd-AA-R-Jan-OI	EA20010304031	0.38	108.74	0.022	<PQL	430.53
AR-CdBd-AA-AF-Jan-OI	EA20010304032	0.44	97.21	<PQL	<PQL	399.81
AR-JsRB-DBP1-R-Jan-OI	EA20010304033	1.62	123.15	<PQL	85.88	1659.71
AR-JSRB-DBP-1-AF-Jan-(SP-1)	EA20010304034	3.95	116.02	0.012	85.88	1747.20
AR-JSRB-DBP-1-AF-Jan-(SP-3)	EA20010304035	1.82	108.01	<PQL	77.7	1739.20
AR-JSRB-DBP-2-R-Jan-OI	EA20010304036	3.29	124.05	<PQL	66.04	1651.20
AR-JSRB-DBP-2-AF-Jan-(SP-2)	EA20010304037	1.63	114.18	<PQL	58.27	1702.40
AR-JSRb-PS1-R-Jan-OI	EA20010304038	1.38	119.52	<PQL	50.50	1608.51
AR-JSRb-PS1-AF-Jan-OI	EA20010304039	1.69	126.50	<PQL	38.85	1600.00
AR-JSRb-PS2-R-Jan-OI	EA20010304040	1.64	140.60	<PQL	58.27	1609.94
AR-JSRb-PS2-AF-Jan-OI	EA20010304041	1.79	137.31	<PQL	38.85	1512.51
AR-JSRb-PS3-R-Jan-OI	EA20010304042	2.03	131.12	<PQL	66.04	1574.40
AR-JSRb-PS3-AF-Jan-OI	EA20010304043	2.08	131.23	<PQL	58.27	1600.00
AR-JSRb-AA-R-Jan-OI	EA20010304044	1.46	117.65	<PQL	85.46	1559.49
AR-JSRb-AA-AF-Jan-OI	EA20010304045	1.10	124.89	<PQL	38.85	1481.60
AR-JhKc-DBT1-R-Feb-OI	EA20010304046	0.53	152.89	0.016	<PQL	523.17
AR-JhKc-DBT1-AF-Feb-OI	EA20010304047	0.57	149.20	0.018	38.85	567.49
AR-JhKc-DBT2-R-Feb-OI	EA20010304048	0.40	175.94	0.026	<PQL	590.09
AR-JhKc-DBT2-AF-Feb-OI	EA20010304049	0.61	180.16	0.012	<PQL	628.03
AR-JhKc-AA-R-Feb-OI	EA20010304050	0.42	167.89	<PQL	38.85	777.92
Total No. of Samples	25					
Total No. of Services		25	25	25	25	25

mg/L: milligram per litre

ug/L: microgram per litre

us: microsiemens

SP: UV-VIS Spectroscopy

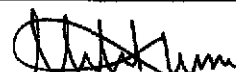
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Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-11	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA11	PPWQ-EA19	PPWQ-EA20	PPWQ-EA12	
Analyte		Sodium	Potassium	Calcium	Magnesium	
Method		FAAS	FAAS	FAAS	FAAS	
PQL		0.05	0.1	0.5	0.05	
Precision (%CV) **		<5%	<5%	<5%	<5%	
Accuracy (%Recovery) **		85% - 115%	85% - 115%	85% - 115%	85% - 115%	
Unit		mg/L	mg/L	mg/L	mg/L	
User Sample ID	Laboratory Sample ID	Sodium	Potassium	Calcium	Magnesium	
OH-CH-1-4-SIP-2h-HM	EA20010304126	22.47	4.76	120.79	26.87	
AR-CdBd-DB1-R-Jan-HM	EA20010304127	8.28	3.60	88.51	21.27	
AR-CdBd-DB1-AF-Jan-HM	EA20010304128	5.96	4.03	87.68	18.51	
AR-CdBd-DB2-R-Jan-HM	EA20010304129	4.29	2.96	59.20	12.91	
AR-CdBd-DB2-AF-Jan-HM	EA20010304130	5.16	2.58	56.01	13.24	
AR-CdBd-AA-R-Jan-HM	EA20010304131	9.54	4.69	87.02	21.72	
AR-CdBd-AA-AF-Jan-HM	EA20010304132	9.93	4.61	75.24	21.98	
AR-JsRB-DBP1-R-Jan-HM	EA20010304133	484.52	8.50	84.33	38.82	
AR-JSRB-DBP-1-AF-Jan-(SP-11-HM)	EA20010304134	467.84	9.68	75.89	40.13	
AR-JSRB-DBP-1-AF-Jan-(SP-21-HM)	EA20010304135	498.78	9.68	68.60	39.41	
AR-JSRB-DBP-2-R-Jan-HM	EA20010304136	490.52	9.05	85.76	38.30	
AR-JSRB-DBP-2-AF-Jan-(SP-21-HM)	EA20010304137	483.56	10.39	75.20	38.98	
AR-JSRb-PS1-R-Jan-HM	EA20010304138	480.24	7.77	85.17	34.36	
AR-JSRb-PS1-AF-Jan-HM	EA20010304139	470.80	8.74	91.48	35.02	
AR-JSRb-PS2-R-Jan-HM	EA20010304140	502.98	7.22	101.89	38.71	
AR-JSRb-PS2-AF-Jan-HM	EA20010304141	479.02	8.31	98.95	38.37	
AR-JSRb-PS3-R-Jan-HM	EA20010304142	492.02	8.42	93.81	37.32	
AR-JSRb-PS3-AF-Jan-HM	EA20010304143	507.98	9.18	93.38	37.85	
AR-JSRb-AA-R-Jan-HM	EA20010304144	472.32	8.48	87.57	30.08	
AR-JSRb-AA-AF-Jan-HM	EA20010304145	476.86	8.34	85.47	39.42	
AR-JhKc-DBT1-R-Feb-HM	EA20010304146	21.10	2.50	123.94	28.95	
AR-JhKc-DBT1-AF-Feb-HM	EA20010304147	21.63	3.19	121.83	27.38	
AR-JhKc-DBT2-R-Feb-HM	EA20010304148	24.52	2.98	144.76	31.18	
AR-JhKc-DBT2-AF-Feb-HM	EA20010304149	22.91	3.69	149.34	30.82	
AR-JhKc-AA-R-Feb-HM	EA20010304150	23.29	6.92	128.50	39.39	
Total No. of Samples	25					
Total No. of Services		25	25	25	25	

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

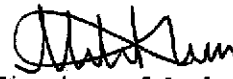
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 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1006-12	Date: July 10, 2002
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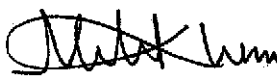
Customer ID: JICASTUDY01	Sample Received Date: 4-Mar-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA34	PPWQ-EA24	PPWQ-EA16	PPWQ-EA82	PPWQ-EA29
Analyte		Nickel	Total Cr	Zinc	Lead	Copper
Method		GFAAS	GFAAS	Extraction / EAAS	GFAAS	GFAAS
PQL		5.00	10.00	5.00	5.00	5.00
Precision(%CV)**		<10%	<10%	<10%	<10%	<10%
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	80% - 120%	85% - 115%
Unit		ug/L	ug/L	ug/L	ug/L	ug/L
User Sample ID	Laboratory Sample ID	Nickel	Total Cr	Zinc	Lead	Copper
OH-CH-1-4-SIP-2h-HM	EA20010304126	6.0	<PQL	70.1	4.5	<PQL
AR-CdBd-DB1-R-Jan-HM	EA20010304127	<PQL	<PQL	3.1	6.3	<PQL
AR-CdBd-DB1-AF-Jan-HM	EA20010304128	4.8	<PQL	7.2	<PQL	<PQL
AR-CdBd-DB2-R-Jan-HM	EA20010304129	6.2	<PQL	<PQL	<PQL	<PQL
AR-CdBd-DB2-AF-Jan-HM	EA20010304130	7.0	<PQL	4.1	<PQL	<PQL
AR-CdBd-AA-R-Jan-HM	EA20010304131	7.6	<PQL	56.6	<PQL	<PQL
AR-CdBd-AA-AF-Jan-HM	EA20010304132	5.1	<PQL	63.2	<PQL	16.1
AR-JsRB-DBP1-R-Jan-HM	EA20010304133	13.9	<PQL	<PQL	<PQL	5.5
AR-JSRB-DBP-1-AF-Jan-(SP-11-HM)	EA20010304134	<PQL	<PQL	<PQL	<PQL	4.2
AR-JSRB-DBP-1-AF-Jan-(SP-21-HM)	EA20010304135	9.7	<PQL	5.1	4.9	5.0
AR-JSRB-DBP-2-R-Jan-HM	EA20010304136	4.8	<PQL	<PQL	5.1	4.1
AR-JSRB-DBP-2-AF-Jan-(SP-21-HM)	EA20010304137	8.5	<PQL	<PQL	4.3	9.6
AR-JSRb-PS1-R-Jan-HM	EA20010304138	<PQL	<PQL	42.7	7.3	<PQL
AR-JSRb-PS1-AF-Jan-HM	EA20010304139	<PQL	<PQL	16.0	8.9	4.5
AR-JSRb-PS2-R-Jan-HM	EA20010304140	6.2	<PQL	49.0	5.4	<PQL
AR-JSRb-PS2-AF-Jan-HM	EA20010304141	7.3	<PQL	33.0	10.4	4.5
AR-JSRb-PS3-R-Jan-HM	EA20010304142	<PQL	<PQL	80.8	4.4	<PQL
AR-JSRb-PS3-AF-Jan-HM	EA20010304143	8.8	<PQL	9.8	<PQL	4.3
AR-JSRb-AA-R-Jan-HM	EA20010304144	13.5	<PQL	46.1	<PQL	<PQL
AR-JSRb-AA-AF-Jan-HM	EA20010304145	4.5	<PQL	72.4	<PQL	8.6
AR-JhKc-DBT1-R-Feb-HM	EA20010304146	11.2	<PQL	<PQL	<PQL	<PQL
AR-JhKc-DBT1-AF-Feb-HM	EA20010304147	4.7	<PQL	7.7	<PQL	<PQL
AR-JhKc-DBT2-R-Feb-HM	EA20010304148	7.9	<PQL	16.7	<PQL	7.1
AR-JhKc-DBT2-AF-Feb-HM	EA20010304149	7.4	<PQL	7.2	10.7	<PQL
AR-JhKc-AA-R-Feb-HM	EA20010304150	5.3	<PQL	93.4	<PQL	<PQL
Total No. of Samples	25					
Total No. of Services		25	25	25	25	25

mg/L: milligram per litre
ug/L: microgram per litre
uS: microsiemens

SP: UV-VIS Spectroscopy

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Signature of Analyst
(Mala Khan)

FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

House No:48/6 Road No: 9A on Saat Masjid Road Dhammondi Dhaka - 1209 Bangladesh
Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com

Department:
Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-13	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA48.1	PPWQ-EA80.1		
Analyte		Cadmium	Mercury		
Method		GFAAS	FAAS-MVU		
PQL		1.5	1.00		
Precision(%CV)**		<10%	<10%		
Accuracy(%Recovery)**		85% - 115%	85% - 115%		
Unit		ug/L	ug/L		
User Sample ID	Laboratory Sample ID	Cadmium	Mercury		
OH-CH-1-4-SIP-2h-HM	EA20010304126	<PQL	<PQL		
AR-CdBd-DB1-R-Jan-HM	EA20010304127	<PQL	<PQL		
AR-CdBd-DB1-AF-Jan-HM	EA20010304128	<PQL	<PQL		
AR-CdBd-DB2-R-Jan-HM	EA20010304129	<PQL	<PQL		
AR-CdBd-DB2-AF-Jan-HM	EA20010304130	<PQL	<PQL		
AR-CdBd-AA-R-Jan-HM	EA20010304131	<PQL	<PQL		
AR-CdBd-AA-AF-Jan-HM	EA20010304132	<PQL	<PQL		
AR-JSRB-DBP1-R-Jan-HM	EA20010304133	<PQL	<PQL		
AR-JSRB-DBP-1-AF-Jan-(SP-11-HM)	EA20010304134	<PQL	<PQL		
AR-JSRB-DBP-1-AF-Jan-(SP-21-HM)	EA20010304135	<PQL	<PQL		
AR-JSRB-DBP-2-R-Jan-HM	EA20010304136	<PQL	<PQL		
AR-JSRB-DBP-2-AF-Jan-(SP-21-HM)	EA20010304137	<PQL	<PQL		
AR-JSRb-PS1-R-Jan-HM	EA20010304138	<PQL	<PQL		
AR-JSRb-PS1-AF-Jan-HM	EA20010304139	<PQL	<PQL		
AR-JSRb-PS2-R-Jan-HM	EA20010304140	<PQL	<PQL		
AR-JSRb-PS2-AF-Jan-HM	EA20010304141	<PQL	<PQL		
AR-JSRb-PS3-R-Jan-HM	EA20010304142	<PQL	<PQL		
AR-JSRb-PS3-AF-Jan-HM	EA20010304143	<PQL	<PQL		
AR-JSRb-AA-R-Jan-HM	EA20010304144	<PQL	<PQL		
AR-JSRb-AA-AF-Jan-HM	EA20010304145	<PQL	<PQL		
AR-JhKc-DBT1-R-Feb-HM	EA20010304146	<PQL	<PQL		
AR-JhKc-DBT1-AF-Feb-HM	EA20010304147	<PQL	<PQL		
AR-JhKc-DBT2-R-Feb-HM	EA20010304148	<PQL	<PQL		
AR-JhKc-DBT2-AF-Feb-HM	EA20010304149	<PQL	<PQL		
AR-JhKc-AA-R-Feb-HM	EA20010304150	<PQL	<PQL		
Total No. of Samples	25				
Total No. of Services		25	25		

ng/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy


FAAS: Flame Atomic Absorption Spectroscopy

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AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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Signature of Analyst
(Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-14	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	Sample Type:
Customer:	JICA STUDY TEAM	4-Mar-01	Water supplied in PVC bottles.
Contact Person:	Mr.M. Fukuda		
Address:	C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA26	PPWQ-EA25		
Analyte		Dissolved Fe	Dissolved Mn		
Method		FAAS	FAAS		
PQL		0.2	0.08		
Precision(%CV)**		6%	5%		
Accuracy(%Recovery)**		90% - 110%	85% - 115%		
Unit		mg/L	mg/L		
User Sample ID	Laboratory Sample ID	Dissolved Fe	Dissolved Mn		
OH-CH-1-4-SIP-2h-FeMn	EA20010304226	2.07	0.28		
AR-CdBd-DB1-R-Jan-FeMn	EA20010304227	2.92	0.83		
AR-CdBd-DB1-AF-Jan-FeMn	EA20010304228	0.22	0.73		
AR-CdBd-DB2-R-Jan-FeMn	EA20010304229	2.24	0.34		
AR-CdBd-DB2-AF-Jan-FeMn	EA20010304230	0.28	0.42		
AR-CdBd-AA-R-Jan-FeMn	EA20010304231	1.35	0.32		
AR-CdBd-AA-AF-Jan-FeMn	EA20010304232	0.36	0.09		
AR-JsRB-DBP1-R-Jan-FeMn	EA20010304233	4.22	<PQL		
AR-JSRB-DBP-1-AF-Jan- (SP-1) FeMn	EA20010304234	0.36	0.48		
AR-JSRB-DBP-1-AF-Jan- (SP-3) FeMn	EA20010304235	0.26	0.48		
AR-JSRB-DBP-2-R-Jan-FeMn	EA20010304236	2.91	<PQL		
AR-JSRB-DBP-2-AF-Jan- (SP-2) FeMn	EA20010304237	0.26	0.49		
AR-JSRb-PS1-R-Jan-FeMn	EA20010304238	4.42	<PQL		
AR-JSRb-PS1-AF-Jan-FeMn	EA20010304239	0.27	<PQL		
AR-JSRb-PS2-R-Jan-FeMn	EA20010304240	3.64	<PQL		
AR-JSRb-PS2-AF-Jan-FeMn	EA20010304241	0.36	<PQL		
AR-JSRb-PS3-R-Jan-FeMn	EA20010304242	3.74	<PQL		
AR-JSRb-PS3-AF-Jan-FeMn	EA20010304243	0.28	<PQL		
AR-JSRb-AA-R-Jan-FeMn	EA20010304244	3.59	<PQL		
AR-JSRb-AA-AF-Jan-FeMn	EA20010304245	0.37	<PQL		
AR-JhKc-DBT1-R-Feb-FeMn	EA20010304246	5.44	0.70		
AR-JhKc-DBT1-AF-Feb-FeMn	EA20010304247	3.01	1.05		
AR-JhKc-DBT2-R-Feb-FeMn	EA20010304248	3.69	1.20		
AR-JhKc-DBT2-AF-Feb-FeMn	EA20010304249	0.85	1.07		
AR-JhKc-AA-R-Feb-FeMn	EA20010304250	6.14	0.50		
Total No. of Samples	25				
Total No. of Services		25	25		

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 Signature of Analyst
 (Mala Khan)

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Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MR/2002/07/1006-15	Date: July 10, 2002
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Customer ID: JICASTUDY01	Sample Received Date: 4-Mar-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA34.1	PPWQ-EA34	PPWQ-EA16	PPWQ-EA34.1	PPWQ-EA30.1
Analyte		Temperature	pH	Conductivity	at Temperature	Ammonium
Method		Thermometer	pH meter	Conductivity meter	Thermometer	SP
PQL		0 Deg C	0	0.2	0	0.1
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% -110%	90% - 110%	90% - 110%
Unit		Deg C		uS/cm	Deg C	mg/L
User Sample ID	Laboratory Sample ID	T	pH	EC	at T	NH4
AR-JhKc-AA-AF-Feb-OI	EA20010304051	25.0	7.15	1138.7	24.9	5.14
AR-JhKc-AA-AF-Feb-OI(D)	EA20010304052	25.2	7.09	1154.0	24.8	1.26
AR-CdBd-SSB-R-16Feb-OI	EA20010304053	24.6	7.17	684.3	24.3	<PQL
AR-CdBd-SSB-AD-16Feb-OI	EA20010304054	24.3	6.56	35.8	24.1	1.51
AR-JhKc-SSB-R-2-Mar-OI	EA20010304055	24.4	7.06	806.15	24.05	1.67
AR-JhKc-SSB-AD-2-Mar-OI	EA20010304056	25.2	7.07	41.8	24.2	4.64
AR-JhKc-SSV-AD-2-Mar-OI	EA20010304057	25.0	6.37	16.8	24.4	2.15
AR-JhKc-AA-R-2-Mar-OI	EA20010304058	24.2	6.89	1240.0	24.1	3.04
AR-JhKc-AA-AF-2-Mar-OI	EA20010304059	24.3	7.13	1234.33	23.83	3.08
Total No. of Samples	9					
Total No. of Services		9	9	9		9

mg/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens
 SP: UV-VIS Spectroscopy
 FAAS: Flame Atomic Absorption Spectroscopy
 GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
 AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
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Mala Khan
 Signature of Analyst
 (Mala Khan)

Plasma Plus+	Application & Research Laboratory	
House No:48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh		Department:
Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com		Environmental & Analytical

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-16	Date: July 10, 2002
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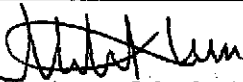
Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA30.6	PPWQ-EA30.4	PPWQ-EA42	PPWQ-EA10	PPWQ-EA2.1
Analyte		Nitrite	Nitrate	Sulfate	Chloride	Bicarbonate
Method		SP	SP	SP	SP	Titration
PQL		0.02	0.2	5	0.6	20
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		mg/L	mg/L	mg/L	mg/L	mg CaCO3/L
User Sample ID	Laboratory Sample ID	NO2	NO3	SO4	Cl	HCO3
AR-JhKc-AA-AF-Feb-OI	EA20010304051	11.63	18.46	64.84	116.30	379.25
AR-JhKc-AA-AF-Feb-OI(D)	EA20010304052	15.35	20.68	65.54	100.17	379.25
AR-CdBd-SSB-R-16Feb-OI	EA20010304053	0.62	0.53	<PQL	12.35	379.25
AR-CdBd-SSB-AD-16Feb-OI	EA20010304054	0.02	<PQL	<PQL	0.63	22.76
AR-JhKc-SSB-R-2-Mar-OI	EA20010304055	<PQL	<PQL	<PQL	2.44	453.25
AR-JhKc-SSB-AD-2-Mar-OI	EA20010304056	<PQL	0.40	<PQL	0.88	22.20
AR-JhKc-SSV-AD-2-Mar-OI	EA20010304057	<PQL	0.32	<PQL	0.6	<PQL
AR-JhKc-AA-R-2-Mar-OI	EA20010304058	<PQL	<PQL	<PQL	127.05	499.50
AR-JhKc-AA-AF-2-Mar-OI	EA20010304059	5.56	11.47	<PQL	119.40	481.00
Total No. of Samples	9					
Total No. of Services		9	9	9	9	9

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 uS: microsiemens

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 Signature of Analyst
 (Mala Khan)

Plasma Plus+	Application & Research Laboratory	
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Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com		Environmental & Analytical

Analytical Report Sheet


Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1006-17	Date: July 10, 2002
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Customer ID: JICASTUDY01	Sample Received Date: 4-Mar-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA24.1	PPWQ-EA28	PPWQ-EA20.1	PPWQ-EA7	PPWQ-EA40
Analyte		Fluoride	Hardness	Free CN	COD	TDS
Method		SP	Standard	SP	CR titration	Standard
PQL		0.1	0.5	0.009	20	0.13
Precision(%CV)**		<8%	<5%	<10%	<5%	<10%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	85% - 115%
Unit		mg/L	mg CaCO3/L	mg/L	mg O2/L	mg/L
User Sample ID	Laboratory Sample ID	F	Hardn.	CN	COD	TDS
AR-JhKc-AA-AF-Feb-OI	EA20010304051	0.49	158.26	<PQL	<PQL	728.77
AR-JhKc-AA-AF-Feb-OI (D)	EA20010304052	0.50	156.89	0.009	31.23	738.56
AR-CdBd-SSB-R-16Feb-OI	EA20010304053	0.18	110.23	<PQL	<PQL	437.59
AR-CdBd-SSB-AD-16Feb-OI	EA20010304054	0.11	2.34	<PQL	19.52	22.91
AR-JhKc-SSE-R-2-Mar-OI	EA20010304055	0.39	133.17	0.023	<PQL	515.94
AR-JhKc-SSE-AD-2-Mar-OI	EA20010304056	0.05	1.43	<PQL	19.52	26.75
AR-JhKc-SSV-AD-2-Mar-OI	EA20010304057	0.05	1.47	0.020	<PQL	10.75
AR-JhKc-AA-R-2-Mar-OI	EA20010304058	0.38	172.70	<PQL	31.23	793.60
AR-JhKc-AA-AF-2-Mar-OI	EA20010304059	0.17	174.95	0.012	31.23	789.96
Total No. of Samples	9	9	9	9	9	9
Total No. of Services		9	9	9	9	9

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ug/L: microgram per litre
uS: microsiemens
SP: UV-VIS Spectroscopy
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Signature of Analyst
(Mala Khan)

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1006-18

Date: July 10, 2002

Customer ID: JICASTUDY01
Customer: JICA STUDY TEAM
Contact Person: Mr.M. Fukuda
Address: C/O:DPHE Jessore, JessoreSample Received Date:
4-Mar-01Sample Type:
Water supplied in PVC bottles.

Service ID		PPWQ-EA11	PPWQ-EA19	PPWQ-EA20	PPWQ-EA12	
Analyte		Sodium	Potassium	Calcium	Magnesium	
Method		FAAS	FAAS	FAAS	FAAS	
PQL		0.05	0.1	0.5	0.05	
Precision(%CV)**		<5%	<5%	<5%	<5%	
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	85% - 115%	
Unit		mg/L	mg/L	mg/L	mg/L	
User Sample ID	Laboratory Sample ID	Sodium	Potassium	Calcium	Magnesium	
AR-JhKc-AA-AF-Feb-HM	EA20010304151	29.42	7.48	119.85	38.41	
AR-JhKc-AA-AF-Feb-HM(D)	EA20010304152	22.51	7.66	118.69	38.20	
AR-CdBd-SSB-R-16Feb-HM	EA20010304153	16.81	3.07	87.10	23.13	
AR-CdBd-SSB-AD-16Feb-HM	EA20010304154	3.97	<PQL	1.57	0.76	
AR-JhKc-SSB-R-2-Mar-HM	EA20010304155	19.18	2.49	106.63	26.55	
AR-JhKc-SSB-AD-2-Mar-HM	EA20010304156	0.71	<PQL	1.05	0.38	
AR-JhKc-SSV-AD-2-Mar-HM	EA20010304157	0.60	<PQL	1.07	0.41	
AR-JhKc-AA-R-2-Mar-HM	EA20010304158	20.67	3.89	132.76	39.94	
AR-JhKc-AA-AF-2-Mar-HM	EA20010304159	27.18	3.71	134.72	40.22	
Total No. of Samples	9					
Total No. of Services		9	9	9	9	

mg/L: milligram per litre
ug/L: microgram per litre

us: microsiemens

SP: UV-VIS Spectroscopy

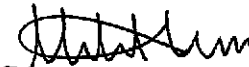
** The Precision & Accuracy are defined only for the laboratory process not for the sampling, transporting and storage processes.

FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


Signature of Analyst
(Mala Khan)

House No: 48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh
Tel: (880-2) 9122407 & 9122290 Fax: (880-2) 9880790 Email: plasma@bdcom.comDepartment:
Environmental & Analytical**Analytical Report Sheet**

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-19	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA34	PPWQ-EA24	PPWQ-EA16	PPWQ-EA82	PPWQ-EA29
Analyte		Nickel	Total Cr	Zinc	Lead	Copper
Method		GFAAS	GFAAS	Extraction / FAAS	GFAAS	GFAAS
PQL		5.00	10.00	5.00	5.00	5.00
Precision(%CV)**		<10%	<10%	<10%	<10%	<10%
Accuracy(%Recovery)**		85% - 115%	85% - 115%	85% - 115%	80% - 120%	85% - 115%
Unit		ug/L	ug/L	ug/L	ug/L	ug/L
User Sample ID	Laboratory Sample ID	Nickel	Total Cr	Zinc	Lead	Copper
AR-JhKc-AA-AF-Feb-HM	EA20010304151	4.30	<PQL	82.53	<PQL	7.11
AR-JhKc-AA-AF-Feb-HM(D)	EA20010304152	<PQL	<PQL	89.69	9.42	8.99
AR-CdBd-SSB-R-16Feb-HM	EA20010304153	4.75	<PQL	5.12	6.29	<PQL
AR-CdBd-SSB-AD-16Feb-HM	EA20010304154	6.03	<PQL	101.09	<PQL	<PQL
AR-JhKc-SSB-R-2-Mar-HM	EA20010304155	<PQL	<PQL	64.11	<PQL	<PQL
AR-JhKc-SSB-AD-2-Mar-HM	EA20010304156	<PQL	<PQL	95.38	<PQL	<PQL
AR-JhKc-SSV-AD-2-Mar-HM	EA20010304157	<PQL	<PQL	12.21	<PQL	<PQL
AR-JhKc-AA-R-2-Mar-HM	EA20010304158	4.71	<PQL	<PQL	<PQL	<PQL
AR-JhKc-AA-AF-2-Mar-HM	EA20010304159	<PQL	<PQL	62.61	<PQL	<PQL
Total No. of Samples	9					
Total No. of Services		9	9	9	9	9

mg/L: milligram per litre
ug/L: microgram per litre

uS: microsiemens SP: UV-VIS Spectroscopy

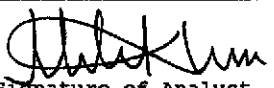
FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MWV: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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Signature of Analyst
(Mala Khan)

Plasma Plus+	Application & Research Laboratory	House No:48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com	Department: Environmental & Analytical
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Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1006-20	Date: July 10, 2002
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Customer ID:	JICASTUDY01	Sample Received Date:	4-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr. M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA48.1	PPWQ-EA80.1		
Analyte		Cadmium	Mercury		
Method		GFAAS	FAAS-MVU		
PQL		1.5	1.00		
Precision(%CV)**		<10%	<10%		
Accuracy(%Recovery)**		85% - 115%	85% - 115%		
Unit		ug/L	ug/L		
User Sample ID	Laboratory Sample ID	Cadmium	Mercury		
AR-JhKc-AA-AF-Feb-HM	EA20010304151	<PQL	<PQL		
AR-JhKc-AA-AF-Feb-HM(D)	EA20010304152	<PQL	<PQL		
AR-CdBd-SSB-R-16Feb-HM	EA20010304153	<PQL	<PQL		
AR-CdBd-SSB-AD-16Feb-HM	EA20010304154	<PQL	<PQL		
AR-JhKc-SSB-R-2-Mar-HM	EA20010304155	<PQL	<PQL		
AR-JhKc-SSB-AD-2-Mar-HM	EA20010304156	<PQL	<PQL		
AR-JhKc-SSV-AD-2-Mar-HM	EA20010304157	<PQL	<PQL		
AR-JhKc-AA-R-2-Mar-HM	EA20010304158	<PQL	<PQL		
AR-JhKc-AA-AF-2-Mar-HM	EA20010304159	<PQL	<PQL		

Total No. of Samples	9				
Total No. of Services		9	9		

mg/L: milligram per litre
 ug/L: microgram per litre
 nS: microsiemens

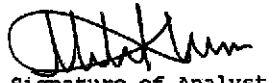
SP: UV-VIS Spectroscopy ** The Precision & Accuracy are defined only for the laboratory process not for the sampling, transporting and storage processes.

FAAS: Flame Atomic Absorption Spectroscopy

GFAAS: Graphite Furnace Atomic Absorption Spectroscopy

AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator

AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit


 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MR/2002/07/1007-2	Date: July 10, 2002
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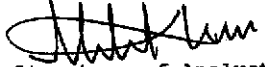
Customer ID: JICASTUDY01	Sample Received Date: 19-Mar-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA30.6	PPWQ-EA30.4	PPWQ-EA42	PPWQ-EA10	PPWQ-EA2.1
Analyte		Nitrite	Nitrate	Sulfate	Chloride	Bicarbonate
Method		SP	SP	SP	SP	Titration
PQL		0.02	0.2	5	0.6	20
Precision (%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy (%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		mg/L	mg/L	mg/L	mg/L	mg CaCO3/L
User Sample ID	Laboratory Sample ID	NO2	NO3	SO4	Cl	HCO3
OH-CH-2-1-BP-OI	EA20010319001	2.73	2.64	<PQL	1.43	314.50
OH-CH-2-1-SIP-30min-OI	EA20010319002	0.02	<PQL	<PQL	1.66	320.05
OH-CH-2-1-SIP-140min-OI	EA20010319003	<PQL	<PQL	<PQL	1.87	314.50
OH-CH-2-2-BP-OI	EA20010319004	<PQL	1.24	<PQL	19.34	299.70
OH-CH-2-2-SIP-30min-OI	EA20010319005	1.03	0.87	<PQL	14.79	303.40
OH-CH-2-2-SIP-140min-OI	EA20010319006	1.22	1.44	<PQL	9.98	305.25
OH-CH-2-3-BP-OI	EA20010319007	0.34	0.78	<PQL	2.35	299.70
OH-CH-2-3-SIP-30min-OI	EA20010319008	0.05	1.03	<PQL	3.92	292.30
OH-CH-2-3-SIP-140min-OI	EA20010319009	0.52	0.86	<PQL	2.09	296.00
OH-CH-2-4-BP-OI	EA20010319010	<PQL	0.23	<PQL	10.34	407.00
OH-CH-2-4-SIP-30min-OI	EA20010319011	0.12	0.23	<PQL	8.39	407.00
OH-CH-2-4-SIP-140min-OI	EA20010319012	0.25	0.1	<PQL	10.37	407.00
OW-CH-2-BP-OI	EA20010319013	0.28	0.42	<PQL	10.63	418.10
Im-CD-1-OM-OI	EA20010319014	<PQL	<PQL	<PQL	1.40	342.25
Im-CD-2-OM-OI	EA20010319015	<PQL	<PQL	<PQL	0.81	347.80
Im-CD-3-OM-OI	EA20010319016	<PQL	2.66	<PQL	1.34	325.60
AR-JSRb-AA-R-4Mar-OI	EA20010319017	<PQL	<PQL	<PQL	530.00	555.00
AR-JSRb-AA-AF-4Mar-OI	EA20010319018	13.45	21.05	<PQL	686.88	499.50
Total No. of Samples	18					
Total No. of Services		18	18	18	18	18

mg/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens

SP: UV-VIS Spectroscopy
 FAAS: Flame Atomic Absorption Spectroscopy
 GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
 AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
 AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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 Signature of Analyst
 (Mala Khan)

House No:48/6 Road No: 9A on Saat Masjid Road Dhanmondi Dhaka - 1209 Bangladesh
 Tel: (880-2) 9122407 & 9112290 Fax: (880-2) 9880790 Email: plasma@bdcom.com

Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref: **PP/EA/JICASTUDY01/MK/2002/07/1007-3** Date: July 10, 2002

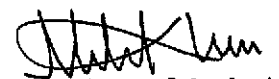
Customer ID:	JICASTUDY01	Sample Received Date:	19-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person:	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA24.1	PPWQ-EA26	PPWQ-EA20.1	PPWQ-EA7	PPWQ-EA40
Analyte		Fluoride	Hardness	Free CN	COD	TDS
Method		SP	Standard	SP	CR titration	Standard
PQL		0.1	0.5	0.009	20	0.13
Precision(%CV)**		<8%	<5%	<10%	<5%	<10%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	85% - 115%
Unit		mg/L	mg CaCO3/L	mg/L	mg O2/L	mg/L
User Sample ID	Laboratory Sample ID	F	Hardn.	CN	COD	TDS
OH-CH-2-1-BP-OI	EA20010319001	0.42	90.73	0.017	66.36	380.61
OH-CH-2-1-SIP-30min-OI	EA20010319002	0.23	91.22	0.025	39.04	386.37
OH-CH-2-1-SIP-140min-OI	EA20010319003	0.32	89.59	0.012	50.75	378.43
OH-CH-2-2-BP-OI	EA20010319004	0.35	85.65	0.014	27.32	396.61
OH-CH-2-2-SIP-30min-OI	EA20010319005	0.37	91.92	0.022	33.18	385.92
OH-CH-2-2-SIP-140min-OI	EA20010319006	0.33	90.51	0.013	39.04	381.63
OH-CH-2-3-BP-OI	EA20010319007	0.28	81.42	0.013	7.80	342.53
OH-CH-2-3-SIP-30min-OI	EA20010319008	0.34	86.93	0.020	<PQL	356.48
OH-CH-2-3-SIP-140min-OI	EA20010319009	0.34	87.80	0.013	<PQL	351.55
OH-CH-2-4-BP-OI	EA20010319010	0.24	104.12	<PQL	<PQL	477.33
OH-CH-2-4-SIP-30min-OI	EA20010319011	0.20	108.92	0.012	<PQL	483.20
OH-CH-2-4-SIP-140min-OI	EA20010319012	0.18	112.06	<PQL	<PQL	487.23
OW-CH-2-BP-OI	EA20010319013	0.18	113.72	<PQL	<PQL	498.56
Im-CD-1-OM-OI	EA20010319014	0.38	99.78	0.010	<PQL	399.81
Im-CD-2-OM-OI	EA20010319015	0.47	101.95	0.020	<PQL	396.16
Im-CD-3-OM-OI	EA20010319016	0.39	100.28	<PQL	<PQL	394.88
AR-JSRb-AA-R-4Mar-OI	EA20010319017	2.17	98.84	0.016	70.27	1568.00
AR-JSRb-AA-AF-4Mar-OI	EA20010319018	0.24	96.96	<PQL	72.22	1488.00
Total No. of Samples	18					
Total No. of Services		18	18	18	18	18

mg/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens
 FAAS: Flame Atomic Absorption Spectroscopy
 GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
 AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
 AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

SP: UV-VIS Spectroscopy

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 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1007-4	Date: July 10, 2002
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Customer ID: JICASTUDY01	Sample Received Date: 19-Mar-01	Sample Type: Water supplied in PVC bottles.
Customer: JICA STUDY TEAM		
Contact Person: Mr.M. Fukuda		
Address: C/O:DPHE Jessore, Jessore		

Service ID		PPWQ-EA11	PPWQ-EA19	PPWQ-EA20	PPWQ-EA12
Analyte		Sodium	Potassium	Calcium	Magnesium
Method		FAAS	FAAS	FAAS	FAAS
PQL		0.05	0.1	0.5	0.05
Precision (%CV)**		<5%	<5%	<5%	<5%
Accuracy (%Recovery)**		85% - 115%	85% - 115%	85% - 115%	85% - 115%
Unit		mg/L	mg/L	mg/L	mg/L
User Sample ID	Laboratory Sample ID	Sodium	Potassium	Calcium	Magnesium
OH-CH-2-1-BP-HM	EA20010319101	19.88	4.84	72.39	18.35
OH-CH-2-1-SIP-30min-HM	EA20010319102	15.74	4.45	73.00	18.23
OH-CH-2-1-SIP-140min-HM	EA20010319103	15.36	4.36	70.99	18.60
OH-CH-2-2-BP-HM	EA20010319104	31.68	5.54	68.48	17.17
OH-CH-2-2-SIP-30min-HM	EA20010319105	25.86	5.67	74.58	17.34
OH-CH-2-2-SIP-140min-HM	EA20010319106	18.73	4.95	72.83	17.68
OH-CH-2-3-BP-HM	EA20010319107	19.98	4.36	64.35	17.07
OH-CH-2-3-SIP-30min-HM	EA20010319108	15.42	3.98	69.71	17.21
OH-CH-2-3-SIP-140min-HM	EA20010319109	17.95	4.12	70.22	17.59
OH-CH-2-4-BP-HM	EA20010319110	37.40	6.62	82.30	21.82
OH-CH-2-4-SIP-30min-HM	EA20010319111	24.46	5.63	87.42	21.51
OH-CH-2-4-SIP-140min-HM	EA20010319112	19.28	5.45	90.41	21.65
OW-CH-2-BP-HM	EA20010319113	23.51	6.18	92.03	21.69
Im-CD-1-OM-HM	EA20010319114	13.84	5.15	81.63	18.15
Im-CD-2-OM-HM	EA20010319115	12.98	5.64	83.28	18.67
Im-CD-3-OM-HM	EA20010319116	12.88	5.28	81.95	18.33
AR-JSRb-AA-R-4Mar-HM	EA20010319117	479.02	9.90	76.00	22.85
AR-JSRb-AA-AF-4Mar-HM	EA20010319118	492.06	9.55	74.10	22.87
Total No. of Samples	18				
Total No. of Services		18	18	18	24

mg/L: milligram per litre
ug/L: microgram per litre
uS: microsiemens

SP: UV-VIS Spectroscopy

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Signature of Analyst
(Mala Khan)

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Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref: **PP/EA/JICASTUDY01/MK/2002/07/1007-6** Date: **July 10, 2002**

Customer ID: **JICASTUDY01** Sample Received Date: **19-Mar-01** Sample Type: **Water supplied in PVC bottles.**
 Customer: **JICA STUDY TEAM**
 Contact Person: **Mr. M. Fukuda**
 Address: **C/O:DPHE Jessore, Jessore**

Service ID		PPWQ-EA48.1	PPWQ-EA80.1		
Analyte		Cadmium	Mercury		
Method		GFAAS	FAAS-MVU		
PQL		1.5	1.00		
Precision (%CV) **		<10%	<10%		
Accuracy (%Recovery) **		85% - 115%	85% - 115%		
Unit		ug/L	ug/L		
User Sample ID	Laboratory Sample ID	Cadmium	Mercury		
OH-CH-2-1-BP-HM	EA20010319101	<PQL	<PQL		
OH-CH-2-1-SIP-30min-HM	EA20010319102	<PQL	<PQL		
OH-CH-2-1-SIP-140min-HM	EA20010319103	<PQL	<PQL		
OH-CH-2-2-BP-HM	EA20010319104	<PQL	<PQL		
OH-CH-2-2-SIP-30min-HM	EA20010319105	<PQL	<PQL		
OH-CH-2-2-SIP-140min-HM	EA20010319106	<PQL	<PQL		
OH-CH-2-3-BP-HM	EA20010319107	<PQL	<PQL		
OH-CH-2-3-SIP-30min-HM	EA20010319108	<PQL	<PQL		
OH-CH-2-3-SIP-140min-HM	EA20010319109	<PQL	<PQL		
OH-CH-2-4-BP-HM	EA20010319110	<PQL	<PQL		
OH-CH-2-4-SIP-30min-HM	EA20010319111	<PQL	<PQL		
OH-CH-2-4-SIP-140min-HM	EA20010319112	<PQL	<PQL		
OW-CH-2-BP-HM	EA20010319113	<PQL	<PQL		
Im-CD-1-OM-HM	EA20010319114	<PQL	<PQL		
Im-CD-2-OM-HM	EA20010319115	<PQL	<PQL		
Im-CD-3-OM-HM	EA20010319116	<PQL	<PQL		
AR-JSRb-AA-R-4Mar-HM	EA20010319117	<PQL	<PQL		
AR-JSRb-AA-AF-4Mar-HM	EA20010319118	<PQL	<PQL		
Total No. of Samples	18				
Total No. of Services		18	18		

mg/L: milligram per litre
 ug/L: microgram per litre
 uS: microsiemens

SP: UV-VIS Spectroscopy ** The Precision & Accuracy are defined only for the laboratory process not for the sampling, transporting and storage processes.

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 AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

[Signature]
 Signature of Analyst
 (Mala Khan)

Analytical Report Sheet

Report Ref:	PP/EA/JICASTUDY01/MK/2002/07/1007-7	Date: July 10, 2002
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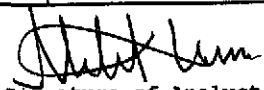
Customer ID:	JICASTUDY01	Sample Received Date:	19-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA26	PPWQ-EA25		
Analyte		Dissolved Fe	Dissolved Mn		
Method		FAAS	FAAS		
PQL		0.2	0.08		
Precision(%CV)**		6%	5%		
Accuracy(%Recovery)**		90% - 110%	85% - 115%		
Unit		mg/L	mg/L		
User Sample ID	Laboratory Sample ID	Dissolved Fe	Dissolved Mn		
OH-CH-2-1-BP-FeMn	EA20010319201	4.53	0.50		
OH-CH-2-1-SIP-30min-FeMn	EA20010319202	4.79	0.48		
OH-CH-2-1-SIP-140min-FeMn	EA20010319203	4.91	0.45		
OH-CH-2-2-BP-FeMn	EA20010319204	1.79	0.32		
OH-CH-2-2-SIP-30min-FeMn	EA20010319205	1.60	0.15		
OH-CH-2-2-SIP-140min-FeMn	EA20010319206	1.40	0.16		
OH-CH-2-3-BP-FeMn	EA20010319207	1.53	0.18		
OH-CH-2-3-SIP-30min-FeMn	EA20010319208	1.32	0.05		
OH-CH-2-3-SIP-140min-FeMn	EA20010319209	1.29	0.02		
OH-CH-2-4-BP-FeMn	EA20010319210	5.12	0.19		
OH-CH-2-4-SIP-30min-FeMn	EA20010319211	3.41	0.16		
OH-CH-2-4-SIP-140min-FeMn	EA20010319212	2.23	0.08		
OW-CH-2-BP-FeMn	EA20010319213	4.23	0.34		
Im-CD-1-OM-FeMn	EA20010319214	5.11	0.32		
Im-CD-2-OM-FeMn	EA20010319215	3.16	0.16		
Im-CD-3-OM-FeMn	EA20010319216	2.46	0.12		
AR-JSRb-AA-R-4Mar-FeMn	EA20010319217	1.86	<PQL		
AR-JSRb-AA-AF-4Mar-FeMn	EA20010319218	0.27	<PQL		
Total No. of Samples	18				
Total No. of Services		18	18		

mg/L: milligram per litre
ug/L: microgram per litre

US: microsiemens SP: UV-VIS Spectroscopy
FAAS: Flame Atomic Absorption Spectroscopy
GFAAS: Graphite Furnace Atomic Absorption Spectroscopy
AAS-HVG: Atomic Absorption Spectroscopy with Hydride Vapor Generator
AAS-MVU: Atomic Absorption Spectroscopy with Mercury Vaporizer Unit

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Signature of Analyst
(Mala Khan)

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1008-1

Date: July 10, 2002

Customer ID:	JICASTUDY01	Sample Received Date:	31-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA34.1	PPWQ-EA34	PPWQ-EA16	PPWQ-EA34.1	PPWQ-EA30.1
Analyte		Temperature	pH	Conductivity	at Temperature	Ammonium
Method		Thermometer	pH meter	Conductivity meter	Thermometer	SP
PQL		0 Deg C	0	0.2	0	0.1
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		Deg C		uS/cm	Deg C	mg/L
User Sample ID	Laboratory Sample ID	T	pH	EC	at T	NH ₄
Im-JhKc-1-1M-OI	EA20010331001	27.5	6.99	596.3	27.1	3.96
Im-JhKc-2-1M-OI	EA20010331002	27.6	7.21	893.3	27.4	1.19
Im-JhKc-3-1M-OI	EA20010331003	27.6	7.11	873.3	27.3	1.78
AR-CdBd-AA-R-25 Mar-OI	EA20010331004	27.5	7.51	666.0	27.4	<PQL
AR-CdBd-AA-AF-25 Mar-OI	EA20010331005	27.35	7.52	633.50	27.20	<PQL
AR-JhKc-AA-R-25 Mar-OI	EA20010331006	28.6	7.07	1198.0	28.2	16.65
AR-JhKc-AA-AF-25 Mar-OI	EA20010331007	28.3	7.29	1192.3	27.8	4.08
CB2-CHBd-1M-OI	EA20010331008	27.9	7.41	620.0	27.5	1.10
AR-JSRb-SSB-AF-27 Mar-OI	EA20010331009	27.9	7.99	69.5	27.4	19.31
AR-JSRb-SSB-R-27 Mar-OI	EA20010331010	28.1	7.21	2483.33	27.03	18.40
IM-JK-1-3M-OI	EA20010331011	28.4	7.83	563.0	27.6	1.10
IM-JK-2-3M-OI	EA20010331012	28.1	7.88	567.0	27.3	1.12
IM-JK-3-3M-OI	EA20010331013	28	7.61	559.7	27.3	0.18
OW-CH1-OM-OI	EA20010331014	26.6	7.41	560.3	27.2	0.48
AR-JhKc-SSV-R-26 Mar-OI	EA20010331015	27.3	7.17	110.75	27.10	<PQL
AR-JhKc-SSU-AF-OI	EA20010331016	27.4	7.18	775.0	26.3	<PQL
Total No. of Samples	16					
Total No. of Services		16	16	16		16

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

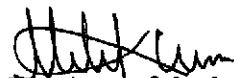
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Signature of Analyst
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Department:
 Environmental & Analytical

Analytical Report Sheet

Report Ref: PP/EA/JICASTUDY01/MK/2002/07/1008-2

Date: July 10, 2002

Customer ID:	JICASTUDY01	Sample Received Date:	31-Mar-01	Sample Type:	Water supplied in PVC bottles.
Customer:	JICA STUDY TEAM				
Contact Person	Mr.M. Fukuda				
Address:	C/O:DPHE Jessore, Jessore				

Service ID		PPWQ-EA30.6	PPWQ-EA30.4	PPWQ-EA42	PPWQ-EA10	PPWQ-EA2.1
Analyte		Nitrite	Nitrate	Sulfate	Chloride	Bicarbonate
Method		SP	SP	SP	SP	Titration
PQL		0.02	0.2	5	0.6	20
Precision(%CV)**		<8%	<8%	<8%	<8%	<8%
Accuracy(%Recovery)**		90% - 110%	90% - 110%	90% - 110%	90% - 110%	90% - 110%
Unit		mg/L	mg/L	mg/L	mg/L	mg CaCO ₃ /L
User Sample ID	Laboratory Sample ID	NO2	NO3	SO ₄	Cl	HCO ₃
Im-JhKc-1-1M-OI	EA20010331001	<PQL	<PQL	<PQL	1.05	555.00
Im-JhKc-2-1M-OI	EA20010331002	<PQL	<PQL	<PQL	3.60	508.75
Im-JhKc-3-1M-OI	EA20010331003	<PQL	<PQL	<PQL	3.07	505.05
AR-CdBd-AA-R-25 Mar-OI	EA20010331004	<PQL	1.09	<PQL	13.01	351.50
AR-CdBd-AA-AF-25 Mar-OI	EA20010331005	<PQL	0.97	<PQL	17.93	339.48
AR-JhKc-AA-R-25 Mar-OI	EA20010331006	<PQL	<PQL	<PQL	147.93	471.75
AR-JhKc-AA-AF-25 Mar-OI	EA20010331007	0.02	<PQL	<PQL	134.58	492.10
CB2-CHBd-1M-OI	EA20010331008	<PQL	<PQL	<PQL	1.703	353.35
AR-JSRb-SSB-AF-27 Mar-OI	EA20010331009	<PQL	<PQL	<PQL	0.59	46.25
AR-JSRb-SSB-R-27 Mar-OI	EA20010331010	<PQL	<PQL	<PQL	547.13	555.00
IM-JK-1-3M-OI	EA20010331011	<PQL	<PQL	<PQL	13.36	314.50
IM-JK-2-3M-OI	EA20010331012	<PQL	<PQL	<PQL	11.52	297.85
IM-JK-3-3M-OI	EA20010331013	1.53	1.58	<PQL	8.35	296.00
OW-CH1-OM-OI	EA20010331014	<PQL	<PQL	<PQL	1.99	314.50
AR-JhKc-SSV-R-26 Mar-OI	EA20010331015	<PQL	1.49	<PQL	0.59	68.25
AR-JhKc-SSU-AF-OI	EA20010331016	2.91	2.85	<PQL	2.16	425.50
Total No. of Samples	16					
Total No. of Services		16	16	16	16	16

mg/L: milligram per litre

ug/L: microgram per litre

uS: microsiemens

SP: UV-VIS Spectroscopy

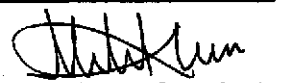
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