Appendix D

Calibration Logs

D•E•M•S

INSTRUMENT CALIBRATION LOG

DEMS PROJECT NO. 2075

AMS # 7

DATE	TIME	INSTRUMENT TYPE/NO.	CALIBRATION MEDIA/STANDARD	INITIAL READING	FINAL READING	PASS – P FAIL - F
09/04/01	10:02	LaMotte 2020 Turbidimeter	Turbidity Standard 10 NTU	10.01	10.01	P
09/04/01	10:07	Corning (Conductivity) Checkmate II	1408 Conductivity Standard	1397	1400	P
09/04/01	10:16	Corning Checkmate II pH	pH Buffer 4 7	6.93	6.99	P
09/04/01	10:22	Corning Checkmate II pH	pH Buffer 10	9.93	9.99	P

PHOTOIONIZATION DETECTOR
CALIBRATION DATA SHEET

:T # 2075

:STRUMENT NO. 580B OVM

AMP TYPE: _____

CALIBRATION GAS: Isobutylene

DATE	TIME	PERSON CALIBRATING	SPAN SETTING	READING (PPM) 100 PPM Span Gas	REMARKS
09/04/01	9:54	Eldon Penn	100 PPM	99.7 101.7 101.3	Passed

DEMS Form 3-2 7

D·E·M·S

INSTRUMENT CALIBRATION LOG

Ams # 7

DEMS PROJECT NO. 2075

DATE	TIME	INSTRUMENT TYPE/NO.	CALIBRATION MEDIA/STANDARD	INITIAL READING	FINAL READING	PASS – P FAIL - F
09-05-01	8:38	pH meter	4.0 Buffer 7.0 Buffer	3.97 7.27	4.00 7.01	Pass Pass
09-05-01	9:16	LaMotte 2020 Turbimeter	10 Standard 1 Standard	10.07 1.12	10.00 ntu 1.05 ntu	Pass Pass
09-05-01	9:18	Corning Checkmate II Conductivity	0 Air 1408 Standard	0 14.07	0 1409	Pass Pass

PHOTOIONIZATION DETECTOR
CALIBRATION DATA SHEET

JCT # 2075

INSTRUMENT NO. 580B OVM

LAMP TYPE: _____

CALIBRATION GAS: Isobutylene

DATE	TIME	PERSON CALIBRATING	SPAN SETTING	READING (PPM) 100 PPM – Span Gas	REMARKS
09-05-01	8:10	Eldon	100 PPM	96.7 99.7 99.0	Passed

DEMS Form 5-27

D▪E▪M▪S

INSTRUMENT CALIBRATION LOG

DEMS PROJECT NO. 2075

AMS #7

DATE	TIME	INSTRUMENT TYPE/NO.	CALIBRATION MEDIA/STANDARD	INITIAL READING	FINAL READING	PASS – P FAIL – F
09-06-01	7:04	pH meter	7.0 Buffer 10.0 Buffer	7.06 9.99	7.02 9.94	P P
09-06-01	7:08	La Motte 2020 Turbidimeter	10 Standard 1 Standard	10.24 1.01	10.01 1.01	P P
09-06-01	7:10	Corning Checkmate II Conductivity	0 Air 1409 Standard	0 1414	— —	P P

D▪E▪M▪S

INSTRUMENT CALIBRATION LOG

DEMS PROJECT NO. 2015 AMS#7

Flowcell #MP20-1011 Turbidity meter # 2020

DATE	TIME	INSTRUMENT TYPE/NO.	CALIBRATION MEDIA/STANDARD	INITIAL READING	FINAL READING	PASS – P FAIL - F
9-~~24~~-01 25	0905	Flow cell	Specific conductivity	10.0	10.0	P
	0907	Flow cell	pH - 7	7.14	7.0	P
	0908	Flow cell	pH- 4	4.14	4.0	P
	0910	Flowcell	BP	760	760	P
	0912	Flowcell	% DO	100 %	100%	P
	0835	Turbidity	10.0	10.23	10.0	P
	0840	Turbidity	1.0	1.05	1.0	P
	1500	Flow cell	SP	10.4	10.0	P
	1503	Flowcell	pH-7	7.1	7.0	P
	1507	Flowcell	pH-4	4.13	4.0	P
	1509	Flow cell	BP	760	760	P
	1511	Flowcell	% DO	100%	100%	P
	1520	Turbidity	10.0	10.23	10.0	P
	1522	Turbidity	1.0	1.05	1.0	P

PHOTOIONIZATION DETECTOR
CALIBRATION DATA SHEET

ECT # 2075

NSTRUMENT NO. _____
AMP TYPE: _____

CALIBRATION GAS: Isobutylene

DATE	TIME	PERSON CALIBRATING	SPAN SETTING	READING (PPM)	REMARKS
9-25-01	1540	S Harris	100	100 ppm	Pass

D▪E▪M▪S

INSTRUMENT CALIBRATION LOG

DEMS PROJECT NO. 2075 AMS 7

Flow cell # MP 20-1011 Turbidity # 2020

DATE	TIME	INSTRUMENT TYPE/NO.	CALIBRATION MEDIA/STANDARD	INITIAL READING	FINAL READING	PASS – P FAIL - F
9-26-01	0750	Flowcell	SP	10.14	10.0	P
9-26-01	0751	Flow cell	pH - 7	7.16	7.0	P
9-26-01	0753	Flow cell	pH - 4	4.01	4.0	P
9-26-01	0755	Flowcell	BP	760	760	P
9-26-01	0757	Flow cell	% DO	100	100%	P
9-26-01	0746	Turbidity	10.0	10.16	10.0	P
9-26-01	0748	Turbidity	1.0	1.05	1.0	P
9-26-01	1400	Flowcell	SP	10.16	10.0	P
9-26-01	1402	↓	pH - 7	7.01	7.0	P
9-26-01	1404	↓	pH - 4	4.10	4.0	P
9-26-01	1406	↓	BP	760	760	P
9-26-01	1408	↓	% DO	100%	100%	P
9-26-01	1412	Turbidity	10.0	10.09	10.0	P
9-26-01	1413	↓	1.0	1.01	1.0	P