

Field Technician Quick-Reference Checklist: CASTNet Dry Deposition MFC Sampling System

System: CASTNet Dry Deposition Filter Pack & MFC System | Form ID: CHK-CASTNET-DRY--2026

Tech Name:	_____	Date:	____ / ____ / 2026
Station ID:	_____	Serial #:	_____

#	Verification Step / Action	Target Parameter / Criteria	Status
1	Datalogger Channel Flagging	Set \$O_3\$, \$O_3CAL\$, \$FLW\$ to Maintenance / Offline	[] Pass [] Fail
2	As-Found Flow & Hours Log	Record \$FLW\$ reading and total hour meter time	[] Pass [] Fail
3	Nitrile Glove Safety Protocol	Put on fresh powder-free nitrile gloves before handling	[] Pass [] Fail
4	Filter Cartridge Removal	Uncap exposed 3-stage pack; seal in mailer tube	[] Pass [] Fail
5	Flow System Leak Check	Inlet plugged; vacuum flow $<0.05\text{ L/min}$ in 30s	[] Pass [] Fail
6	New Cartridge Installation	Install new pack; verify O-ring seal; raise tower	[] Pass [] Fail
7	Hour Meter Reset	Reset vacuum pump hour meter display to zero	[] Pass [] Fail
8	MFC Flow Setpoint Sync	Pump ON; flow stabilizes at $1.50 \pm 0.05\text{ L/min}$	[] Pass [] Fail
9	SSRF Chain of Custody	Complete SSRF form (Visit Date, Site ID, Filter ID)	[] Pass [] Fail
10	Channels Online & Logbook	Unflag datalogger channels; log visit in site record	[] Pass [] Fail

FIELD OBSERVATIONS & INTERFERENCE LOG	PREPARED BY SIGN-OFF
Notes / Anomalies:	Prepared by: Kadeem Manning Title: Lead Field Specialist Signature: _____ Date: ____ / ____ / 2026