KEI Field Sheet v1.16 Universal

Station Name:_____ Site Visit #:_office use_

Date:_____ Notes Time Zone: (-____GMT)

Technician's Initials: _____

Site Requirements / Work Completed:

☐ _____ ☐ _____

☐ _____ ☐ _____

☐ _____ ☐ _____

SG Arrival

Time:_____

SG:_____(m) Error_____(±mm)

SG Angle:_____ Calc'd SG:_____

Reviewed SG: _____(m)____(±mm)

SG Read Grade ☐ Poor ☐ Fair ☐ Good ☐ Very Good ☐ Excellent

Apply SG Reading ☐ Yes ☐ No ☐ Yes, but with caution

SG Departure

Time:_____

SG:_____(m) Error_____(±mm)

SG Angle:_____ Calc'd SG:_____

Reviewed SG: _____(m)____(±mm)

SG Read Grade ☐ Poor ☐ Fair ☐ Good ☐ Very Good ☐ Excellent

Apply SG Reading ☐ Yes ☐ No ☐ Yes, but with caution

Notes:

Main Purpose for SV:

Notes:

Station Work

Work Completed	Arrival	Departure
- Data Download Time	_____	
	_____	
- Data and Timestamp Good	_____	
- Sensor at Bolt & Clear (how)	_____	_____
- Sensor Logging at Departure	_____	

360 Photos: ☐ Station ☐ SD Meter Loc. ☐ Dosing Loc. ☐ Mixing Reach ☐ WD X-Section

360 Videos: ☐ Station, Control, US & DS ☐ 10 Sec Arrival SG ☐ 10 Sec Departure SG

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Discharge Measurement

Results	Ch. 0	Ch. 1	Ch. 2
Sen #			
R^2 (>0.999)			
CFT			
EC_{BG} (Start)			
EC_{BG} <0.1 uS/cm			
Data is Smooth			
Q (m^3/sec)			
ID Save #			

Final Q Comp:_____ (m^3/sec) Time:_____ QUnc. (95% Conf.) =_____(%) Grade:_____

Metta Data

Q Diff % = $(1-Q_S/Q_L)*100$

Dose Kg:_____ Time at Peak:_____ ☐ 10 Sec SG Vid at Peak Q Diff %:_____

- Sensors in Unique Locations: _____
- Mixing Reach Length & Avg. Width: _____
- Pulse <2xCFT & Discernable: _____
- Eddies, Aeration Pooling or Recirculation Affecting Results: _____

Measurement Comments: _____

_____

_____

Measurement Layout:

The drawing must indicate where in relation to the site was the sensors and dose were in relation to the station. As well as where the sensors are located within the creek.

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KEI Field Sheet v1.16 Universal

Discharge Measurement

Results Ch. 0 Ch. 1 Ch. 2

Sen #
R^2 (>0.999)
CFT
EC_{BG} (Start)
EC_{BG} <0.1 uS/cm
Data is Smooth
Q (m^3/sec)
ID Save #

Final Q Comp:_____ (m^3/sec) Time:_____ QUnc. (95% Conf.) =_____(%) Grade:_____

Metta Data optional Q Diff % = $(1-Q_S/Q_L)*100$

Dose Kg:_____ Time at Peak:_____ ☐ 10 Sec SG Vid at Peak Q Diff %:_____

- Sensors in Unique Locations: _____
- Mixing Reach Length & Avg. Width: _____
- Pulse <2xCFT & Discernable: _____
- Eddies, Aeration Pooling or Recirculation Affecting Results: _____

Measurement Comments: _____

_____

_____

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