

**Turbidity Calibration Log (DEP SOPs FT1000 & FT1600)  
Regional Operations Centers**

Meter ID: \_\_\_\_\_ Date of Last Calibration: \_\_\_\_\_ Project Name: \_\_\_\_\_

**Quarterly Calibration**

Sampler Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ ETZ / CTZ (circle one)

Standard Value <i>(Use Primary Formazin Standards)</i>	Exp. Date	Lot #	Type of Information Displayed During Calibration? <i>(circle one)</i>	Value Displayed NTU	Calibration Pass / Fail <i>(circle one)</i>
NTU			Meter Reading / Next Value		P / F
NTU			Meter Reading / Next Value		P / F
NTU			Meter Reading / Next Value		P / F
NTU			Meter Reading / Next Value		P / F

**Initial Calibration Verification (ICV)** *(Only perform ICV immediately after quarterly calibr. Do not use < 0.1 NTU standard for ICV.)*

Sampler Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ ETZ / CTZ (circle one)

Standard Value <i>(Use A Primary Formazin Standard)</i>	Exp. Date	Lot #	Meter Reading NTU	Pass / Fail <i>(circle one)</i>
NTU				P / F

**Secondary Gel Standard Quarterly Verification** *(perform gel standard verification immediately after quarterly calibr. and ICV)*

Sampler Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ ETZ / CTZ (circle one)

Standard Value Range NTU	Previous Value Assigned NTU	Exp. Date	Lot #	Meter Reading NTU <i>(new value assigned)</i>	Acceptable Range, NTU <i>(Calculate using new value assigned &amp; acceptance criteria*)</i>
0 – 10					
10 – 100					
100 - 1000					

**Daily Continuing Calibration Verification (CCV)** *(required every day that meter is used)*

Date	Time (24hr) CT-ET	Sampler Name	Standard Type <i>(circle one)</i>	Standard Value NTU	Exp. Date	Lot #	Meter Reading NTU	Pass / Fail
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F

**Comments:** \_\_\_\_\_

\*Acceptance Criteria: 0.1-10 NTU → ± 10 %; 11-40 NTU → ± 8 %; 41-100 NTU → ± 6.5 %; >100 NTU → ± 5 %;  
Acceptable ranges for common standards: 20 NTU (18.4 - 21.6 NTU); 100 NTU (93.5 – 106.5 NTU); 800 NTU (760 - 840 NTU)  
Form Effective October 1, 2017

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**Quarterly Calibration**

Sampler Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ ETZ / CTZ (circle one)

Standard Value <i>(Use Primary Formazin Standards)</i>	Exp. Date	Lot #	Type of Information Displayed During Calibration? <i>(circle one)</i>	Value Displayed NTU	Calibration Pass / Fail <i>(circle one)</i>
NTU			Meter Reading / Next Value		P / F
NTU			Meter Reading / Next Value		P / F
NTU			Meter Reading / Next Value		P / F
NTU			Meter Reading / Next Value		P / F

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Standard Value <i>(Use A Primary Formazin Standard)</i>	Exp. Date	Lot #	Meter Reading NTU	Pass / Fail <i>(circle one)</i>
NTU				P / F

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Sampler Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ ETZ / CTZ (circle one)

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			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F
			Formazin / Gel					P / F

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