

Table 10.21-1

PASS In-Line Instrumentation

Liquid Sample Mode

| <u>Instrument</u> | <u>Description</u> | <u>Range</u> | <u>Purpose</u> |
|-------------------|--------------------|------------------|--|
| FI-664 | Flow | 0-2 gpm | Line flush flow rate |
| CI-663 | Conductivity | 0-10 μ s/gpm | Sample conductivity |
| PI-661 | Pressure | 0-1200 psig | Sample pressure |
| PI-662 | Pressure | 0-150 psia | Dissolved gas collection chamber pressure |
| RI-665 | Radiation | 10-100,000 mr/hr | Approximate radiation level of sample line in liquid sampler, used also to verify system flush |
| TI-660 | Temperature | 50-150°F | Sample line temperature |

Gas Sample Mode

| <u>Instrument</u> | <u>Description</u> | <u>Range</u> | <u>Purpose</u> |
|-------------------|--------------------|--------------|--|
| FI-725 | Flow | 2-25 slpm | Calibrate pump discharge pressure versus sample flow rate (not used during normal operation) |
| PI-708 | Pressure | 0-50 psia | Sample pressure |
| TI-724 | Temperature | 50-150°F | Sample line temperature |