



Bluelight Software

902 Redwood Drive
Loveland, CO 80538

Phone: 970-461-8554

Fax: 970-461-8555

NFPA Member

Permit #93989593

www.bluelightsw.com

www.efinitymobile.com

sales@bluelightsw.com

support@bluelightsw.com

Versatile Data Collection, Dynamic Forms Building
Providing software solutions to service industries for decades

WATER STORAGE TANK INSPECTION

Customer Address:

Bluelight Software, LLC
902 Redwood Drive
Loveland, CO 80538
Phone: (970) 461-8554
Fax: (970) 461-8555

Customer #: 111

Contract #: 453

Job Status: Archived

Job Name: NFPA25_06 Sample Report

Site Address:

Bluelight Software, LLC
902 Redwood Drive
Loveland, CO 80538
Phone: (970) 461-8554
Fax: (970) 461-8555

Contact: Al Riggs

Site #: 3455

Inspection Date: 2/12/2007

WATER TANK - STEEL GRAVITY OR SUCTION

Basement Northwest Corner	
Inspect - Is the exterior, supporting structure and catwalks or ladders, where provided, free of signs of damage or weakening (9.2.5.1)?	Yes
Inspect - Is area around the tank and supporting structure, where provided, free of combustible, corrosive materials or ice buildup (9.2.5.2)?	Yes
Maintain - Tank should have sediment drained semi-annually. Has sediment been drained from tank (9.4.5)?	Yes
Inspect - Are exterior painted, coated or insulated surfaces and supporting structures, if provided, free of signs of degradation (9.2.5.5)?	Yes
Maintain - Have tank vents and vent screens had annual cleaning (9.2.5.1)?	Yes
Inspect - Is interior of tank free of damage or corrosion? - Inspection can be done every 5 years if there is corrosion protection (9.2.6.3)?	No

WATER TANK - WOOD GRAVITY OR SUCTION

Basement Northwest Corner	
Inspect - Is the exterior, supporting structure and catwalks or ladders, where provided, free of signs damage or weakening (9.2.5.1)?	Yes
Inspect - Is area around tank and supporting structure, where provided, free of combustible, corrosive materials or ice buildup (9.2.5.2)?	Yes
Maintain - Tank should have sediment drained semi-annually. Has sediment been drained from tank (9.4.5)?	Yes
Inspect -Are exterior painted, coated or insulated surfaces and supporting structures, if provided, free of signs of degradation (9.2.5.5)?	Yes
Inspect - Are all hoops and grillage free of damage (9.2.5.4)?	Yes
Maintain - Have tank vents and vent screens had annual cleaning (9.2.5.1)?	Yes
Inspect - Is interior of tank free of damage or corrosion (9.2.6.3)?	Yes

WATER TANK - STEEL PRESSURE

Basement Northwest Corner	
Record the pressure shown on the pressure gauge on the tank (9.2.2.2)?	76
Inspect - Is the exterior, supporting structure and catwalks or ladders, where provided, free of signs of damage or weakening (9.2.5.1)?	Yes
Inspect - Is area around tank and supporting structure, where provided, free of combustible, corrosive materials or ice buildup (9.2.5.2)?	Yes
Maintain - Tank should have sediment drained semi-annually. Has sediment been drained from tank (9.4.5)?	No
Inspect - Are exterior painted, coated or insulated surfaces and supporting structures, if provided, free of signs of degradation (9.2.5.5)?	Yes
Maintain - Have tank vents and vent screens had annual cleaning (9.2.5.1)?	Yes
Inspect - Is interior of tank free of damage or corrosion (9.2.6.3)?	Yes
Test - Are pressure gauges within 3% of scale of calibration gauge (9.3.6)?	Yes

WATER TANK - EMBANKMENT SUPPORTED FABRIC

Basement Northwest Corner

Inspect - Are exterior sides and top of similar walls free from erosion (9.2.5.2)?	Yes
Inspect - Is area around the tank free of combustible, corrosive materials or ice buildup (9.2.5.2)?	Yes
Maintain - Tank should have sediment drained semi-annually. Has sediment been drained from tank (9.4.5)?	Yes
Maintain - Have tank vents and vent screens had annual cleaning (9.4.6)?	Yes
Inspect - Is interior of tank free of damage or corrosion (9.2.6.3)?	Yes

HEATING SYSTEMS

Basement Northwest Corner

Inspect - Is heating system operating properly (9.3.2)? (Cold Weather Only)	Yes
Inspect - Is heating system operating properly and has it been maintained in accordance with Manufacturer's instructions (9.4.1)?	Yes

LOW TEMPERATURE ALARM

Basement Northwest Corner

Test - Is low temperature alarm operating properly (9.3.3)? (Cold Weather Only)	Yes
---	-----

THERMOMETERS

Basement Northwest Corner

Maintain - Is thermometer being maintained in accordance with manufacturer's instructions (9.4)?	Yes
--	-----

LEVEL INDICATORS

Basement Northwest Corner

Test - Is level indicator operating accurately and does it have freedom of movement (9.3.1)?	Yes
--	-----

HIGH LOW LEVEL ALARMS

Basement Northwest Corner

Test - Is high low level alarm operating properly (9.3.5) ?	Yes
---	-----

CATHODIC PROTECTION

Basement Northwest Corner

Maintain - Has cathodic protection been maintained in accordance with manufacturer's instructions (NFPA25)?	Yes
---	-----

CHECK VALVE

Basement Northwest Corner

Internally inspect. Does check valve operate properly, move freely and is it in good condition (12.4.2)?	Yes
--	-----

FIRE DEPARTMENT CONNECTION

Basement Northwest Corner

Is the fire department connection visible and accessible (12.7.1)?	Yes
Are the fire department connection couplings and swivels free from damage and do they rotate smoothly (12.7.1)?	Yes
Are the fire department connection caps and plugs in place and free from damage (12.7.1)?	Yes
Are the fire department connection gaskets in place and free of damage (12.7.1)?	Yes
Are the fire department connection identification signs in place and free of damage (12.7.1)?	Yes
Visually Inspect the fire department connection check valve. Is check valve clapper free from leakage (12.7.1)?	Yes
Visually Inspect. Is the automatic drain valve on fire department connection piping operating properly (12.7.1)?	Yes
Has an internal inspection and maintenance of check valve been completed within the last five years (12.4.2.1)?	Yes

CONTROL VALVE - BUTTER BALL - LOCKED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
Is control valve open (12.3.2.2)?	Yes
Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
Is valve properly locked (12.3.2.2)?	Yes

CONTROL VALVE - BUTTER BALL - SEALED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
Is control valve open (12.3.2.2)?	Yes
Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
Is valve properly sealed (12.3.2.2)?	Yes

CONTROL VALVE - BUTTER BALL - TAMPER SWITCH

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
Is control valve open (12.3.2.2)?	Yes
Does valve operate through the full range of valve from open to shut (12.3.3.1) ? NOTE: INFORM FIRE ALARM SERVICE OF TEST.	Yes
Is valve properly supervised (12.3.2.2)?	Yes

CONTROL VALVE - BUTTERFLY - LOCKED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
Is control valve open (12.3.2.2)?	Yes
Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
Is valve properly locked (12.3.2.2)?	Yes

CONTROL VALVE - BUTTERFLY - SEALED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
Is control valve open (12.3.2.2)?	Yes
Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
Is valve properly sealed (12.3.2.2)?	Yes

CONTROL VALVE - BUTTERFLY - TAMPER SWITCH

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
Is control valve open (12.3.2.2)?	Yes
Does valve operate through the full range of valve from open to shut (12.3.3.1) ? NOTE: INFORM FIRE ALARM SERVICE OF TEST.	Yes
Is valve properly supervised (12.3.2.2)?	Yes

CONTROL VALVE - OS&Y - LOCKED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
Is control valve open (12.3.2.2)?	Yes
Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
Has the valve been lubricated and completely cycled to test operation and distribute lubricant (12.3.4.1 and 12.3.4.2)?	Yes
Is valve properly locked (12.3.2.2)?	Yes

CONTROL VALVE - OS&Y - SEALED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Is control valve open (12.3.2.2)?	Yes
-----------------------------------	-----

Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
--	-----

Has the valve been lubricated and completely cycled to test operation and distribute lubricant (12.3.4.1 and 12.3.4.2)?	Yes
---	-----

Is valve properly sealed (12.3.2.2)?	Yes
--------------------------------------	-----

CONTROL VALVE - OS&Y - TAMPER SWITCH

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Is control valve open (12.3.2.2)?	Yes
-----------------------------------	-----

Does control valve operate through its full range (12.3.3.1)? NOTE: INFORM FIRE ALARM MONITORING SERVICE OF TEST.	Yes
---	-----

Has the valve been lubricated and completely cycled to test operation and distribute lubricant (12.3.4.1 and 12.3.4.2)?	Yes
---	-----

Is valve properly supervised (12.3.2.2)?	Yes
--	-----

CONTROL VALVE - PIV - LOCKED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Is control valve open (12.3.2.2)?	Yes
-----------------------------------	-----

Test. Is control valve operating rod attached? Is spring or torsion felt in operation of valve (12.3.3.2)?	Yes
--	-----

Test. Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
--	-----

Is valve properly locked (12.3.2.2)?	Yes
--------------------------------------	-----

CONTROL VALVE - PIV - SEALED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Inspect. Is control valve open (12.3.2.2)?	Yes
--	-----

Test. Is control valve operating rod attached? Is spring or torsion felt in operation of the valve (12.3.3.2)?	Yes
--	-----

Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
--	-----

Is valve properly sealed (12.3.2.2)?	Yes
--------------------------------------	-----

CONTROL VALVE - PIV - TAMPER SWITCH

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Inspect. Is control valve open(12.3.2.2)?	Yes
---	-----

Inspect. Is control valve open(12.3.2.2)?	Yes
---	-----

Test. Does control valve operate through its full range (12.3.3.1)? NOTE: INFORM FIRE ALARM MONITORING SERVICE OF TEST.	Yes
---	-----

Inspect. Is control valve open(12.3.2.2)?	Yes
---	-----

CONTROL VALVE - WALL POST - LOCKED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Inspect. Is control valve open (12.3.2.2)?	Yes
--	-----

Is control valve operating rod attached? Is spring or torsion felt in operation of the valve (12.3.3.2)?	Yes
--	-----

Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
--	-----

Is valve properly locked (12.3.2.2)?	Yes
--------------------------------------	-----

CONTROL VALVE - WALL POST - SEALED OPEN

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Inspect. Is control valve open (12.3.2.2)?	Yes
--	-----

Test. Is control valve operating rod attached? Is spring or torsion felt in operation of the valve (12.3.3.2)?	Yes
--	-----

Test. Does control valve operate through the full range of valve from open to shut (12.3.3.1)?	Yes
--	-----

Is valve properly sealed (12.3.2.2)?	Yes
--------------------------------------	-----

CONTROL VALVE - WALL POST - TAMPER SWITCH

Basement Northwest Corner

Does control valve have proper signs, is it accessible and free of leaks, and is it provided with the appropriate wrench (12.3.2.2)?	Yes
--	-----

Inspect. Is control valve open (12.3.2.2)?	Yes
--	-----

Test. Is control valve operating rod attached? Is spring or torsion felt in operation of the valve (12.3.3.2)?	Yes
--	-----

Test. Does valve operate through its full range (12.3.3.1)? NOTE: INFORM FIRE ALARM MONITORING SERVICE OF TEST.	Yes
---	-----

Is valve properly supervised (12.3.2.2)?	Yes
--	-----

CONTROL VALVES

Basement Northwest Corner

Do all control valves have proper signs, are they accessible and free of leaks, and are they provided with the appropriate wrenches (12.3.1)?	Yes
---	-----

Are all control valves in normal open or closed position (12.3.2.2)?	Yes
--	-----

Are all control valves lubricated, if required, and exercised through full range to insure proper operation (12.3.3.1) ?	Yes
--	-----

Are all control valves properly sealed, locked, or supervised (12.3.2.2)?	Yes
---	-----

SECTIONAL VALVES

Basement Northwest Corner

Do all sectional valves have proper signs, are they accessible and free of leaks, and are they provided with the appropriate wrenches (12.3.1)?	Yes
---	-----

Are all sectional valves in normal open or closed position (12.3.2.2)?	Yes
--	-----

Are all sectional valves lubricated, if required, and exercised through full range to insure proper operation (12.3.3.1)?	Yes
---	-----

Are all sectional valves properly sealed, locked, or supervised (12.3.2.2)?	Yes
---	-----

SUPERVISORY AIR PRESSURE SWITCH

Basement Northwest Corner

Did the switch pass a visual inspection conducted in accordance with manufacturer's requirements?	Yes
---	-----

Did the switch pass operational tests when pressure is increased or decreased 10 psi from the required pressure setting?	Yes
--	-----

SUPERVISORY TAMPER SWITCH

Basement Northwest Corner

Did the switch pass a visual inspection conducted in accordance with manufacturer's requirements? (12.3.3.5.1)	Yes
--	-----

Did the switch pass operational tests conducted in accordance with manufacturer's requirements? (12.3.3.5.1)	Yes
--	-----

WATER PRESSURE SWITCH

Basement Northwest Corner

Did the switch pass a visual inspection conducted in accordance with manufacturer's requirements?	Yes
---	-----

Did the switch pass operational tests when pressure is increased?	Yes
---	-----

OMEGA SPRINKLERS

Is this property free of Omega Sprinklers?	Yes
--	-----

INTERNAL PIPE INVESTIGATION

Internal pipe exam – Was system free of evidence of foreign organic and inorganic material that needs to be removed for proper operation of sprinkler system? Internal exam should check each of the following points: 1) system valve; 2) riser; 3) cross main; and 4) branch line. Note: alternate nondestructive examination methods shall be accepted.

Yes

Internally inspect – Is piping in Dry Pipe or Preaction sprinkler system that protects or passes through freezers or cold storage rooms free from ice obstructions at the point where the piping enters the refrigerated area? Note: alternate nondestructive examination methods shall be accepted.

Yes

BUILDING OWNER/REPRESENTATIVE

Is the building currently occupied?

Yes

Has the building occupancy and hazard of contents remained the same since last inspection?

Yes

Are all fire protection systems in service?

Yes

Has the system(s) remained in service without modification since the last inspection

Yes

Was the system free of actuations or alarms since last inspection?

Yes

10/2/2006

Customer: Jim Beam

10/2/2006

Inspection Technician: Sam Adams