



## Sprinkler Inspection Certificate

tynes bay  
31 palmetto road  
hamilton, devonshire dv05

Inspection, Testing and Maintenance of Water-Based Fire Protection Systems

*This Inspection was performed in accordance with applicable codes and Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.*

*Inspection Date*  
*Jun 20, 2013*

Building: tynes bay  
Contact: stuart matthews  
Title: operations engineer

Company: Vipond Inc.  
Contact: Dominic Carroll  
Title: Inspector



## *Executive Summary*

*Generated by: BuildingReports.ca*

Building Information			
<b>Building:</b> tynes bay	<b>Contact:</b> stuart matthews		
<b>Address:</b> 31 palmetto road	<b>Phone:</b> 441-296-0673		
<b>Address:</b>	<b>Fax:</b>		
<b>City/State/Zip:</b> hamilton, devonshire dv05	<b>Mobile:</b>		
<b>Country:</b> Bermuda	<b>Email:</b> shmatthews@gov.bm		
Inspection Performed By			
<b>Company:</b> Vipond Inc.	<b>Inspector:</b> Dominic Carroll		
<b>Address:</b> P.O. Box 321 Flatts	<b>Phone:</b> 441-704-7789		
<b>Address:</b>	<b>Fax:</b>		
<b>City/State/Zip:</b> ., . FLBX	<b>Mobile:</b>		
<b>Country:</b> Bermuda	<b>Email:</b> dominic.carroll@vipond.ca		
System Control Unit			
System Type	System Location	Protected Area	Devices
Water Spray			218



Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Valve	88	40.37%	88	100.00%	82	93.18%	6	6.82%
Hose	24	11.01%	24	100.00%	22	91.67%	2	8.33%
Pump	11	5.05%	11	100.00%	11	100.00%	0	0%
Nozzle	2	0.92%	2	100.00%	0	0%	2	100.00%
Alarm	93	42.66%	93	100.00%	85	91.40%	8	8.60%
<b>Totals</b>	<b>218</b>	<b>100%</b>	<b>218</b>	<b>100.00%</b>	<b>200</b>	<b>91.74%</b>	<b>18</b>	<b>8.26%</b>

Certification	
Building: tynes bay	Company: Vipond Inc.
Contact: stuart matthews	Inspector: Dominic Carroll
 Signed: Jun 20, 2013 3:27:59 PM	 Signed:



# Discrepancy Report

Generated by: BuildingReports.ca

**Building:** tynes bay

The Discrepancy Report consolidates each discrepancy listed within the various Testing sections of your Inspection. Discrepancies are listed by Category, and grouped by device type. The description of the problem is provided and where appropriate, code references are listed for your convenience. Any item that was inspected that is listed on the Consumer Product Safety Commissions website and are subject to a recall by the manufacturer are included.

Device Type	Manufacturer	ModelNumber	Date	Qty
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## Items listed for Recall by Manufacturer

No recalled items found during this inspection.

🔍 ScanID	📍 Location	🔧 Problem	📖 Reference
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### Water Spray

#### Control Valve

23705232	Northwest tipping hall fire monitor	Needs Remounting	NFPA 25 4.1.4
23705234	South tipping hall fire hose reel	Inaccessible	NFPA 25 4.1.1
23705235	North .tipping hall fire monitor control valve	Inaccessible	NFPA 25 4.1.1
23705183	. Northwest between stream #1 & stream #2 fire hose cabinet	Damaged/Worn	NFPA 25 4.1.4

#### Hose Connection

23705218	Ground Behind building New maintenance shop Ash plant	Damaged/Worn	NFPA 25 4.1.4
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#### Hose Storage

23705084	South level #4 next to room#403 fire hose cabinet	Missing hose nozzle	
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#### Isolation Valve

23705138	Northwest tipping hall fire hose reel	Damaged/Worn	NFPA 25 4.1.4
23705181	. Northwest between stream #2& stream #3 fire monitor	pipe Damaged/Worn	

#### Level Alarm

23705307	Northeast stairs level #3 electrical shaft	Improper Operation	
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#### Monitor Nozzle

23705239	South tipping hall	Damaged/Worn no access	
23705231	Northwest tipping hall	Needs Remounting	NFPA 25 10.2.5.1

#### Tamper Switch

23705233	South tipping hall fire hose reel	Inaccessible	NFPA 25 4.1.1
23705238	Northwest tipping hall fire monitor	Failed Test	NFPA 25 12.3.3.5.2
23705330	old maintenance shop Zone #3	Failed Test	NFPA 25 12.3.3.5.2
23705240	Northwest tipping hall fire hose reel		
23705184	. Northwest between stream #1 & stream #2 fire hose cabinet	Damaged/Worn	NFPA 25 4.1.4



🔍 ScanID	📍 Location	🔑 Problem	📖 Reference
<b>Waterflow Switch</b>			
23705139	2nd East New maintenance shop Ash plant	Failed Flow Test	
23705281	North storage room Zone #25	Needs Adjustment	NFPA 25 4.1.4



# Proposed Solutions Report

Generated by: BuildingReports.ca

Building: tynes bay

The Proposed Solution Report provides a solution for each discrepancy listed on the Discrepancy Report. Provide a check mark where indicated to approve repairs listed within the report. Items listed as T/M are available for repair on a Time and Materials basis.

ScanID	Location	Solution	Model #	Cost	Fix
<b>Water Spray</b>					
<b>Control Valve</b>					
23705232	Northwest tipping hall fire monitor	Replace/Test	728	T/M	<input type="checkbox"/>
23705234	South tipping hall fire hose reel		728	T/M	<input type="checkbox"/>
23705235	North tipping hall fire monitor control valve	Clean area	705	T/M	<input type="checkbox"/>
23705183	Northwest between stream #1 & stream #2 fire hose cabinet	Replace/Test	728	T/M	<input type="checkbox"/>
<b>Hose Connection</b>					
23705218	Ground Behind building New maintenance shop Ash plant	Replace/Test	WFD40AV	T/M	<input type="checkbox"/>
<b>Hose Storage</b>					
23705084	South level #4 next to room#403 fire hose cabinet	Replace		T/M	<input type="checkbox"/>
<b>Isolation Valve</b>					
23705138	Northwest tipping hall fire hose reel	Rewire/Test	728	T/M	<input type="checkbox"/>
23705181	Northwest between stream #2& stream #3 fire monitor	Remount/Test	728	T/M	<input type="checkbox"/>
<b>Level Alarm</b>					
23705307	Northeast stairs level #3 electrical shaft	Replace/Test	EPS40-2	T/M	<input type="checkbox"/>
<b>Monitor Nozzle</b>					
23705239	South tipping hall	Remount/Test	4000-24	T/M	<input type="checkbox"/>
23705231	Northwest tipping hall	Replace/Test	4000-24	T/M	<input type="checkbox"/>
<b>Tamper Switch</b>					
23705233	South tipping hall fire hose reel	Clean area	728	T/M	<input type="checkbox"/>
23705238	Northwest tipping hall fire monitor	Replace/Test	728	T/M	<input type="checkbox"/>
23705330	old maintenance shop Zone #3	repair/re-test	705	T/M	<input type="checkbox"/>
23705240	Northwest tipping hall fire hose reel	Replace/Test	728	T/M	<input type="checkbox"/>
23705184	Northwest between stream #1 & stream #2 fire hose cabinet	Replace/Test	728	T/M	<input type="checkbox"/>
<b>Waterflow Switch</b>					
23705139	2nd East New maintenance shop Ash plant	Adjust/Test	WFD40AV	T/M	<input type="checkbox"/>
23705281	North storage room Zone #25	Adjust/Test	WFD30-2AV	T/M	<input type="checkbox"/>



# Inspection & Testing

Generated by: BuildingReports.ca

**Building: tynes bay**

*The Inspection & Testing section lists all of the items inspected in your building. Items are grouped by Passed or Failed/Other. Items are listed by Category. Each item includes the services performed, and the time & date at which testing occurred. For more information about an item, click on the link provided.*

Device Type	Location	Service	Time	Date
<b>Passed</b>				
<b>Water Spray</b>				
Level Alarm	Northeast stairs level #3 control room	Tested	1:39:42 PM	06/20/2013
Pressure Switch	turbine room level #1 zone #6	Tested	3:05:22 PM	06/18/2013
Pressure Switch	old maintenance shop mcc room	Tested	1:34:16 PM	06/20/2013
Pressure Switch	old maintenance shop Zone #3	Tested	1:35:15 PM	06/20/2013
Pressure Switch	old maintenance shop Zone #5	Tested	1:37:24 PM	06/20/2013
Tamper Switch	2nd East New maintenance shop Ash plant	Tested	9:23:27 AM	06/14/2013
Tamper Switch	2nd New maintenance shop zone 27	Tested	9:32:18 AM	06/14/2013
Tamper Switch	2nd New maintenance shop zone 27	Tested	9:33:29 AM	06/14/2013
Tamper Switch	2nd East New maintenance shop Ash plant zone 27	Tested	9:34:34 AM	06/14/2013
Tamper Switch	2nd New maintenance shop zone 27	Tested	9:35:24 AM	06/14/2013
Tamper Switch	Northeast stairs level #3 control room and electrical shaft zone 12&19 valve#2	Tested	2:22:44 PM	06/12/2013
Tamper Switch	North fire pump room Zone #24	Tested	8:42:15 AM	06/13/2013
Tamper Switch	North fire pump room test valve #2	Tested	8:55:10 AM	06/14/2013
Tamper Switch	North fire pump room test header	Tested	8:56:01 AM	06/14/2013
Tamper Switch	North fire pump room test valve #1	Tested	8:56:53 AM	06/14/2013
Tamper Switch	North fire pump room electric fire pump discharge	Tested	8:58:19 AM	06/14/2013
Tamper Switch	North fire pump room diesel fire pump discharge	Tested	8:59:43 AM	06/14/2013
Tamper Switch	North fire pump room under ground valve	Tested	9:01:25 AM	06/14/2013
Tamper Switch	North fire pump room supply valve #4	Tested	9:02:36 AM	06/14/2013
Tamper Switch	North fire pump room system valve #3	Tested	9:03:52 AM	06/14/2013
Tamper Switch	North fire pump room Zone #24	Tested	9:05:37 AM	06/14/2013
Tamper Switch	North fire pump room Zone #24	Tested	9:06:16 AM	06/14/2013
Tamper Switch	North storage room Zone #25	Tested	9:13:40 AM	06/14/2013
Tamper Switch	North storage room Zone #25	Tested	9:14:12 AM	06/14/2013
Tamper Switch	North storage room Zone #25	Tested	9:14:41 AM	06/14/2013
Tamper Switch	North storage room Zone #25	Tested	9:16:01 AM	06/14/2013
Tamper Switch	tipping hall valve room	Tested	10:08:59 AM	06/14/2013
Tamper Switch	tipping hall valve room	Tested	10:15:12 AM	06/14/2013
Tamper Switch	tipping hall valve room	Tested	10:16:00 AM	06/14/2013
Tamper Switch	tipping hall valve room Zone 22	Tested	10:17:39 AM	06/14/2013
Tamper Switch	tipping hall valve room Zone 23	Tested	10:18:31 AM	06/14/2013

Device Type	Location	Service	Time	Date
Tamper Switch	tipping hall valve room Zone 21	Tested	10:19:58 AM	06/14/2013
Tamper Switch	Northeast balling hall fire hose reel	Tested	10:47:17 AM	06/14/2013
Tamper Switch	West balling hall fire hose reel	Tested	10:49:12 AM	06/14/2013
Tamper Switch	South balling hall fire hose reel	Tested	10:51:35 AM	06/14/2013
Tamper Switch	Southeast tipping hall fire hose reel	Tested	11:15:26 AM	06/14/2013
Tamper Switch	Northeast tipping hall fire hose reel	Tested	11:18:03 AM	06/14/2013
Tamper Switch	North .tipping hall fire monitor control valve	Tested	12:05:10 PM	06/14/2013
Tamper Switch	Southeast level #1 fire hose cabinet	Tested	10:17:41 AM	06/18/2013
Tamper Switch	level #1 stand pipe fire hose	Tested	10:21:20 AM	06/18/2013
Tamper Switch	level #1 stand pipe fire hose	Tested	10:22:24 AM	06/18/2013
Tamper Switch	turbine room level #1	Tested	10:45:37 AM	06/18/2013
Tamper Switch	old maintenance shop Zone #5	Tested	10:52:59 AM	06/18/2013
Tamper Switch	old maintenance shop Zone #3	Tested	1:47:52 PM	06/18/2013
Tamper Switch	old maintenance shop Zone #10	Tested	1:49:33 PM	06/18/2013
Tamper Switch	turbine room level #1 zone #6	Tested	2:54:31 PM	06/18/2013
Tamper Switch	turbine room level #1	Tested	3:11:34 PM	06/18/2013
Tamper Switch	turbine room level #1 Zone #6	Tested	3:11:56 PM	06/18/2013
Tamper Switch	turbine room level #1 Zone #6	Tested	3:12:48 PM	06/18/2013
Tamper Switch	Northwest level #1 Zone #9 storage and office room	Tested	3:33:12 PM	06/18/2013
Tamper Switch	Northwest level #1 Zone #9 storage and office room	Tested	3:34:03 PM	06/18/2013
Tamper Switch	Northwest level #1 Zone storage and office room	Tested	3:34:52 PM	06/18/2013
Tamper Switch	Northwest level #1 Zone #9 storage and office room	Tested	3:35:17 PM	06/18/2013
Tamper Switch	level #1 stand pipe fire hose	Tested	3:45:12 PM	06/18/2013
Tamper Switch	North fire pump room under ground valve	Tested	9:34:15 AM	06/20/2013
Tamper Switch	North fire pump room electric fire pump	Tested	11:37:10 AM	06/20/2013
Tamper Switch	old maintenance shop south transformer supply valve	Tested	1:33:32 PM	06/20/2013
Tamper Switch	old maintenance shop north transformer supply valve	Tested	1:33:40 PM	06/20/2013
Tamper Switch	old maintenance shop supply valve #2	Tested	1:35:35 PM	06/20/2013
Tamper Switch	old maintenance shop supply valve #1	Tested	1:35:47 PM	06/20/2013
Tamper Switch	old maintenance shop mcc room supply valve	Tested	1:35:51 PM	06/20/2013
Tamper Switch	old maintenance shop Zone #4	Tested	1:36:09 PM	06/20/2013
Tamper Switch	old maintenance shop compressor & switch gear room	Tested	1:37:05 PM	06/20/2013
Tamper Switch	Northeast stairs level #3 electrical shaft	Tested	1:37:48 PM	06/20/2013
Tamper Switch	Northeast stairs level #3 electrical shaft	Tested	1:38:07 PM	06/20/2013
Tamper Switch	Northeast stairs level #3 control room and electrical shaft	Tested	1:38:17 PM	06/20/2013
Tamper Switch	Northeast stairs level #3 control room	Tested	1:38:34 PM	06/20/2013
Tamper Switch	Northeast stairs level #3 control room	Tested	1:38:44 PM	06/20/2013
Tamper Switch	North level #3 electrical shaft and control room	Tested	1:39:33 PM	06/20/2013
Tamper Switch	North fire pump room diesel fire pump	Tested	1:40:02 PM	06/20/2013
Tamper Switch	. Northwest between stream #2& stream #3 fire monitor	Tested	9:01:28 AM	06/20/2013





Device Type	Location	Service	Time	Date
Waterflow Switch	2nd New maintenance shop zone 27	Tested	9:37:54 AM	06/14/2013
Waterflow Switch	North fire pump room Zone #24	Tested	9:10:03 AM	06/14/2013
Waterflow Switch	tipping hall valve room Zone 23	Tested	10:13:43 AM	06/14/2013
Waterflow Switch	tipping hall valve room Zone 22	Tested	10:26:30 AM	06/14/2013
Waterflow Switch	tipping hall valve room Zone 21	Tested	10:35:32 AM	06/14/2013
Waterflow Switch	old maintenance shop Zone #5	Tested	11:10:10 AM	06/18/2013
Waterflow Switch	turbine room level #1 zone #6	Tested	3:12:59 PM	06/18/2013
Waterflow Switch	Northwest level #1 storage and office room sprinklers	Tested	3:36:00 PM	06/18/2013
Waterflow Switch	old maintenance shop mcc room	Tested	1:32:34 PM	06/20/2013
Waterflow Switch	old maintenance shop Zone #3 Cable trench	Tested	1:32:47 PM	06/20/2013
Waterflow Switch	old maintenance shop Zone #4 old maintenance shop	Tested	1:33:04 PM	06/20/2013
Waterflow Switch	old maintenance shop north transformer test valve	Tested	1:33:54 PM	06/20/2013
Waterflow Switch	old maintenance shop .south transformer supply valve	Tested	1:34:09 PM	06/20/2013
Waterflow Switch	Northeast stairs level #3 control room	Tested	1:37:10 PM	06/20/2013
Fire Hose	Southeast level #1 fire hose cabinet	Visually Checked	10:19:49 AM	06/18/2013
Fire Hydrant	North fire pump room wall hydrant	Visually Checked	12:38:29 PM	06/20/2013
Hose Connection	2nd East New maintenance shop Ash plant	Visually Checked	1:40:15 PM	06/18/2013
Hose Connection	level #1 stand pipe fire hose by-pass valve	Visually Checked	2:51:21 PM	06/12/2013
Hose Connection	stairs level #2 stand pipe	Visually Checked	3:25:01 PM	06/12/2013
Hose Connection	stairs level #4 stand pipe	Visually Checked	3:25:14 PM	06/12/2013
Hose Connection	stairs level #5a stand pipe	Visually Checked	3:26:29 PM	06/12/2013
Hose Connection	stairs level #6a stand pipe	Visually Checked	3:27:28 PM	06/12/2013
Hose Connection	stairs level #5 stand pipe	Visually Checked	9:29:59 AM	06/13/2013
Hose Connection	South stairs level #4 stand pipe	Visually Checked	9:30:30 AM	06/13/2013
Hose Connection	South stairs level #4 stand pipe	Visually Checked	9:30:52 AM	06/13/2013
Hose Connection	stairs level #3a stand pipe	Visually Checked	8:44:07 AM	06/20/2013
Hose Connection	stair between grd & 1st South Ash plant Stairwell	Visually Checked	12:44:05 PM	06/20/2013
Hose Storage	2nd next to mcc room fire hose cabinet EAHC2	Visually Checked	3:41:39 PM	06/18/2013
Hose Storage	main entrance stand pipe	Visually Checked	3:53:39 PM	06/12/2013
Hose Storage	South level #6 conference room fire hose cabinet	Visually Checked	3:57:14 PM	06/12/2013
Hose Storage	Behind Fire pump room Hose cabinet	Visually Checked	12:00:14 PM	06/20/2013
Hose Storage	East Employee parking for the ash plant Hose cabinet	Visually Checked	12:05:30 PM	06/20/2013
Hose Storage	South main entrance rd Hose cabinet	Visually Checked	12:28:18 PM	06/20/2013
Hose Storage	Northeast Main entrance rd Hose cabinet	Visually Checked	12:31:35 PM	06/20/2013
Hose Storage	Ground West Ash plant	Visually Checked	12:46:35 PM	06/20/2013
Hose Storage	level 1 Northwest next to laundry room fire hose cabinet #40	Visually Checked	3:43:38 PM	06/18/2013
Air Compressor	turbine room level #1 zone #6	Tested	3:14:58 PM	06/18/2013
Air Compressor	old maintenance shop	Tested	1:35:07 PM	06/20/2013
Air Compressor	Northeast stairs level #3 electrical shaft and control room	Tested	3:18:35 PM	06/20/2013
Controller	fire pump room Electric fire pump	Tested	11:23:23 AM	06/20/2013

Device Type	Location	Service	Time	Date
Controller	fire pump room diesel fire pump	Tested	11:27:31 AM	06/20/2013
Diesel Driver	fire pump room diesel fire pump	Tested	12:39:12 PM	06/20/2013
Electrical Driver	fire pump room	Tested	1:40:46 PM	06/20/2013
Jockey Controller	fire pump room diesel fire pump	Tested	11:30:02 AM	06/20/2013
Jockey Pump	fire pump room diesel fire pump	Tested	11:34:37 AM	06/20/2013
Pump	fire pump room diesel fire pump	Tested	11:21:52 AM	06/20/2013
Pump	fire pump room	Tested	11:39:40 AM	06/20/2013
Control Valve	2nd East New maintenance shop Ash plant	Tested	9:23:08 AM	06/14/2013
Control Valve	2nd New maintenance shop zone 27	Tested	9:32:22 AM	06/14/2013
Control Valve	2nd New maintenance shop zone 27	Tested	9:32:59 AM	06/14/2013
Control Valve	2nd East New maintenance shop Ash plant zone 27	Tested	9:34:40 AM	06/14/2013
Control Valve	2nd New maintenance shop zone 27	Tested	9:35:13 AM	06/14/2013
Control Valve	Northeast stairs level #3 control room and electrical shaft	Tested	2:23:24 PM	06/12/2013
Control Valve	main entrance stand pipe	Visually Checked	3:51:24 PM	06/12/2013
Control Valve	South level #6 conference room fire hose cabinet	Visually Checked	3:57:20 PM	06/12/2013
Control Valve	North fire pump room diesel&electric fire pump	Visually Checked	8:54:07 AM	06/13/2013
Control Valve	North fire pump room electric fire pump	Tested	8:51:10 AM	06/14/2013
Control Valve	North fire pump room diesel fire pump	Tested	8:53:41 AM	06/14/2013
Control Valve	North fire pump room test valve #2	Tested	8:54:50 AM	06/14/2013
Control Valve	North fire pump room test header	Tested	8:55:48 AM	06/14/2013
Control Valve	North fire pump room test valve #1	Tested	8:56:20 AM	06/14/2013
Control Valve	North fire pump room electric fire pump discharge	Tested	8:58:06 AM	06/14/2013
Control Valve	North fire pump room diesel fire pump discharge	Tested	8:59:32 AM	06/14/2013
Control Valve	North fire pump room under ground valve	Tested	9:00:17 AM	06/14/2013
Control Valve	North fire pump room under ground valve	Tested	9:01:06 AM	06/14/2013
Control Valve	North fire pump room supply valve	Tested	9:02:04 AM	06/14/2013
Control Valve	North fire pump room system valve	Tested	9:03:17 AM	06/14/2013
Control Valve	North fire pump room Zone #24	Tested	9:05:25 AM	06/14/2013
Control Valve	North fire pump room Zone #24	Tested	9:06:06 AM	06/14/2013
Control Valve	North fire pump room Zone #24	Tested	9:06:43 AM	06/14/2013
Control Valve	North storage room Zone #25	Tested	9:13:25 AM	06/14/2013
Control Valve	North storage room Zone #25	Tested	9:14:04 AM	06/14/2013
Control Valve	North storage room Zone #25	Tested	9:14:36 AM	06/14/2013
Control Valve	North storage room Zone #25	Tested	9:15:13 AM	06/14/2013
Control Valve	tipping hall valve room	Tested	10:15:05 AM	06/14/2013
Control Valve	tipping hall valve room	Tested	10:15:46 AM	06/14/2013
Control Valve	tipping hall valve room	Tested	10:16:32 AM	06/14/2013
Control Valve	tipping hall valve room Zone #22	Tested	10:17:51 AM	06/14/2013
Control Valve	tipping hall valve room Zone #23	Tested	10:18:22 AM	06/14/2013
Control Valve	tipping hall valve room Zone #21	Tested	10:19:44 AM	06/14/2013
Control Valve	Southeast level #1 fire hose cabinet	Tested	10:16:30 AM	06/18/2013
Control Valve	level #1 stand pipe fire hose	Tested	10:22:09 AM	06/18/2013
Control Valve	level #1 stand pipe fire hose	Tested	10:22:45 AM	06/18/2013
Control Valve	turbine room level #1	Tested	10:45:14 AM	06/18/2013

Device Type	Location	Service	Time	Date
Control Valve	turbine room level #1	Tested	10:45:28 AM	06/18/2013
Control Valve	turbine room level #1 zone #6	Tested	2:54:21 PM	06/18/2013
Control Valve	turbine room level #1 Zone #6	Tested	3:11:26 PM	06/18/2013
Control Valve	turbine room level #1 Zone #6	Tested	3:12:12 PM	06/18/2013
Control Valve	Northwest level #1 Zone #9 storage and office room	Tested	3:33:39 PM	06/18/2013
Control Valve	Northwest level #1 Zone #9 storage and office room	Tested	3:34:49 PM	06/18/2013
Control Valve	Northwest level #1 Zone #9 storage and office room	Tested	3:35:40 PM	06/18/2013
Control Valve	South level #4 next to room#403 fire hose cabinet	Tested	8:45:09 AM	06/20/2013
Control Valve	old maintenance shop supply valve #1	Tested	1:30:07 PM	06/20/2013
Control Valve	old maintenance shop	Tested	1:30:16 PM	06/20/2013
Control Valve	old maintenance shop supply valve #2	Tested	1:30:28 PM	06/20/2013
Control Valve	old maintenance shop north transformer supply valve	Tested	1:30:36 PM	06/20/2013
Control Valve	old maintenance shop .south transformer supply valve	Tested	1:31:37 PM	06/20/2013
Control Valve	old maintenance shop Zone #10	Tested	1:32:00 PM	06/20/2013
Control Valve	old maintenance shop Zone #3	Tested	1:32:15 PM	06/20/2013
Control Valve	old maintenance shop Zone #4	Tested	1:32:53 PM	06/20/2013
Control Valve	old maintenance shop Zone #10	Tested	1:34:19 PM	06/20/2013
Control Valve	old maintenance shop Zone #5	Tested	1:35:30 PM	06/20/2013
Control Valve	Northeast stairs level #3 electrical shaft	Tested	1:37:58 PM	06/20/2013
Control Valve	Northeast stairs level #3 control room and electrical shaft	Tested	1:38:12 PM	06/20/2013
Control Valve	Northeast stairs level #3 control room	Tested	1:38:40 PM	06/20/2013
Control Valve	Northeast stairs level #3 control room	Tested	1:38:49 PM	06/20/2013
Control Valve	Northeast stairs level #3 electrical shaft	Tested	1:39:17 PM	06/20/2013
Control Valve	North level #3 electrical shaft and control room	Tested	1:39:29 PM	06/20/2013
Isolation Valve	2nd next to mcc room storage and office room hose cabinet	Tested	3:41:33 PM	06/18/2013
Isolation Valve	Northeast balling hall fire hose reel	Tested	10:46:48 AM	06/14/2013
Isolation Valve	West balling hall fire hose reel	Tested	10:49:46 AM	06/14/2013
Isolation Valve	South balling hall fire hose reel	Tested	10:51:12 AM	06/14/2013
Isolation Valve	Southeast tipping hall fire hose reel	Tested	11:15:30 AM	06/14/2013
Isolation Valve	Northeast tipping hall fire hose reel	Tested	11:18:28 AM	06/14/2013
Isolation Valve	level #1 stand pipe fire hose by-pass valve	Tested	10:21:46 AM	06/18/2013
Isolation Valve	next to laundry room level #1 north west fire hose cabinet	Tested	10:47:56 AM	06/18/2013
Isolation Valve	Northwest level #1 Zone #9 storage and office room	Tested	3:34:24 PM	06/18/2013
Isolation Valve	old maintenance shop north transformer test valve	Tested	1:33:49 PM	06/20/2013
Isolation Valve	old maintenance shop .south transformer test valve	Tested	1:34:01 PM	06/20/2013
Isolation Valve	old maintenance shop Zone #3	Tested	1:34:23 PM	06/20/2013
Isolation Valve	old maintenance shop Zone #5	Tested	1:35:22 PM	06/20/2013

Device Type	Location	Service	Time	Date
Preaction Valve	old maintenance shop north transformer test valve	Tested	10:59:46 AM	06/12/2013
Preaction Valve	turbine room level #1 zone #6	Tested	3:04:20 PM	06/18/2013
Preaction Valve	old maintenance shop south transformer	Tested	1:31:48 PM	06/20/2013
Preaction Valve	old maintenance shop mcc room	Tested	1:32:08 PM	06/20/2013
Preaction Valve	old maintenance shop Zone #3	Tested	1:32:19 PM	06/20/2013
Preaction Valve	old maintenance shop Zone #5	Tested	1:33:08 PM	06/20/2013
Preaction Valve	Northeast stairs level #3 control room	Tested	1:38:24 PM	06/20/2013
Preaction Valve	Northeast stairs level #3 electrical shaft	Tested	1:39:55 PM	06/20/2013
<b><i>Failed/Other</i></b>				
<b>Water Spray</b>				
Level Alarm	Northeast stairs level #3 electrical shaft	Tested	10:15:21 AM	06/20/2013
Tamper Switch	South tipping hall fire hose reel	Tested	1:20:34 PM	06/18/2013
Tamper Switch	Northwest tipping hall fire monitor	Tested	1:20:54 PM	06/18/2013
Tamper Switch	old maintenance shop Zone #3	Tested	1:47:10 PM	06/18/2013
Tamper Switch	Northwest tipping hall fire hose reel	damaged wires tamper failed	3:40:24 PM	06/18/2013
Tamper Switch	. Northwest between stream #1 & stream #2 fire hose cabinet	Visually Checked	8:52:45 AM	06/20/2013
Waterflow Switch	2nd East New maintenance shop Ash plant	Tested	1:39:03 PM	06/18/2013
Waterflow Switch	North storage room Zone #25	Tested	9:21:27 AM	06/14/2013
Hose Connection	Ground Behind building New maintenance shop Ash plant	Visually Checked	1:42:49 PM	06/18/2013
Hose Storage	South level #4 next to room#403 fire hose cabinet	Visually Checked	1:20:10 PM	06/18/2013
Monitor Nozzle	Northwest tipping hall	monitore bracing damaged	11:33:43 AM	06/14/2013
Monitor Nozzle	South tipping hall	Visually Checked	11:57:08 AM	06/14/2013
Control Valve	South tipping hall fire hose reel	Tested	11:55:33 AM	06/14/2013
Control Valve	North .tipping hall fire monitor control valve	Tested	12:05:17 PM	06/14/2013
Control Valve	Northwest tipping hall fire monitor	Tested	12:11:34 PM	06/14/2013
Control Valve	. Northwest between stream #1 & stream #2 fire hose cabinet	Visually Checked	8:51:53 AM	06/20/2013
Isolation Valve	Northwest tipping hall fire hose reel	Tested	11:25:14 AM	06/14/2013
Isolation Valve	. Northwest between stream #2& stream #3 fire monitor	Tested	9:02:49 AM	06/20/2013



# Water Spray Fixed Systems

Generated by: BuildingReports.ca

## Building: tynes bay

A special fixed pipe system connected to a reliable fire protection water supply and equipped with water spray nozzles for specific water discharge and distribution over the surface or area to be protected. The piping system is connected to the water supply through an automatically or manually actuated valve that initiates the flow of water. An automatic valve is actuated by operation of automatic detection equipment installed in the same areas as the water spray nozzles. (In special cases, the automatic detection system also is located in another area.) NFPA 25-3.6.5

### Air Compressor

Manufacturer	Model #	Phase	Low psi	High psi	Amps	OK	ScanID
Appl	mod #c4t17h3e	3	20	34		<input checked="" type="checkbox"/>	23705115
appl	mod #c4t17h3e		20	35		<input checked="" type="checkbox"/>	23705339
Reliable	mod #c4t17h3e		20	38		<input checked="" type="checkbox"/>	23705312

### Controller

Manufacturer	Model #	Location	Install Date	Serial Number	
Tornatech	GPR-480/200/3/60	fire pump room Electric fire pump	12/01/2011	Z74545	
<b>AC Power</b>	<b>Time Meter</b>	<b>Start psi</b>	<b>Stop psi</b>	<b>Battery Supervised</b>	<b>Generator Backup</b>
Phase Reversal	34.2	105		No	Yes
Manufacturer	Model #	Location	Install Date	Serial Number	
Tornatech	GPD-N-12-FBCE10 120	fire pump room diesel fire pump	08/02/2011	Z74542	
<b>AC Power</b>	<b>Time Meter</b>	<b>Start psi</b>	<b>Stop psi</b>	<b>Battery Supervised</b>	<b>Generator Backup</b>
Normal Phase	11.3	95		Yes	No

### Diesel Engine

Manufacturer	Model #	Location	Install Date	Serial Number					
Clark	6068HF120	fire pump room diesel fire pump	08/02/2011						
			<b>Timing Min/Sec</b>	<b>Speed</b>	<b>AF</b>	<b>Water</b>	<b>Oil deg</b>		
	<b>Fuel</b>	<b>Oil</b>	<b>Water</b>	<b>Crank</b>	<b>Run</b>	<b>rpm</b>	<b>Oil psi</b>	<b>deg</b>	<b>Oil deg</b>
	Full	Normal	Normal		2250	2250	49		190

### Electrical

Manufacturer	Model #	Location	Install Date	Serial Number			
emerson	AC96	fire pump room	12/01/2011				
			<b>Timing Min/Sec</b>	<b>Current @ rpm</b>			
<b>Type</b>			<b>Full</b>	<b>Run</b>	<b>50</b>	<b>100</b>	<b>150</b>

### Controller

Manufacturer	Model #	Location	Install Date	Serial Number
Tornatech	JP3-460-3/3/60	fire pump room diesel fire pump	08/02/2011	Z87692



AC Power	Time Meter	Start psi	Stop psi	Battery Supervised	Generator Backup		
Normal Phase		115	125		No		
<b>Jockey Pumps</b>							
Manufacturer	Model #	Location		Install Date	Serial Number		
Berkeley	BVM2-90 1 1/4	fire pump room diesel fire pump		08/02/2011			
Power On	Type	Turn On psi	Turn Off psi	Volts	Horsepower		
	Automatic	115	125	230/460			
<b>Pump</b>							
Manufacturer	Model #	Location		Install Date	Rated Speed		
Aurora	491BF	fire pump room diesel fire pump		08/02/2011	2350		
Serial Number	Type	Orientation		Impeller Size			
10-2013549	Pump Standby			14.350			
Manufacturer	Model #	Location		Install Date	Rated Speed		
Aurora	481BF	fire pump room		08/02/2011	3560		
Serial Number	Type	Orientation		Impeller Size			
10-2013546	Pump Primary			9.423			
<b>Alarms</b>							
<b>Level Alarm</b>							
Type	Description	Manufacturer	Model #	Zone/Address	OK	ScanID	
Low	Trouble	System Sensor	EPS40-2	1	<input checked="" type="checkbox"/>	23705308	
Low	Trouble	System Sensor	EPS40-2	1	<input type="checkbox"/>	23705307	
<b>Pressure Switch</b>							
Type	Description	Manufacturer	Low	High	Zone/Address	OK	ScanID
Pressure Switch	Trouble	System Sensor	8	22	1	<input checked="" type="checkbox"/>	23705093
Pressure Switch	Trouble	System Sensor	7	20	1	<input checked="" type="checkbox"/>	23705342
Pressure Switch	Trouble	System Sensor	5	25	1	<input checked="" type="checkbox"/>	23705338
Low	Trouble	System Sensor	9	26	1	<input checked="" type="checkbox"/>	23705337
<b>Tamper Switch</b>							
Type	Description	Manufacturer	Sec	Zone/Address	OK	ScanID	
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705141	
Control Valve #1	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705143	
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705145	
Control Valve #3	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705149	
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705147	
Control Valve#2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705314	
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705159	
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705254	
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705253	
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705257	

Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705259
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705161
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705152
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705166
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705164
Control Valve #1	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705163
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705154
Control Valve #1	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705288
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705284
Control Valve #3	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705282
Control Valve bypass	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705286
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705270
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705268
Control Valve #1	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705266
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705272
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705247
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705249
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705265
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705263
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705261
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705244
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705241
Control Valve	Supervisory	victaulic		1	<input checked="" type="checkbox"/>	23705236
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705117
by-pass Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705108
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705112
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705094
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705216
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705217
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705220
zone #6 test valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705091
Control Valve #3	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705100
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705113
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705096
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705104
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705103
Control Valve #3	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705124
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705125
Control Valve #2	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705110
Control Valve #1	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705291



OS & Y	Supervisory	NIBCO		1	<input checked="" type="checkbox"/>	23705301
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705349
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705348
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705333
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705332
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705331
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705328
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705329
test valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705318
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705320
Control Valve #1	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705323
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705325
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705317
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705309
OS & Y	Supervisory	NIBCO		1	<input checked="" type="checkbox"/>	23705304
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	23705182
Control Valve	Supervisory	Victaulic		1	<input type="checkbox"/>	23705233
Control Valve	Supervisory	Victaulic		1	<input type="checkbox"/>	23705238
Control Valve	Supervisory	Victaulic		1	<input type="checkbox"/>	23705330
Control Valve	Supervisory	Victaulic		1	<input type="checkbox"/>	23705240
Control Valve	Supervisory	Victaulic		1	<input type="checkbox"/>	23705184

**Waterflow Switch**

Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID
Vane	System Sensor	WFD30-2AV	31		1	<input checked="" type="checkbox"/>	23705142
Vane	Victaulic	WFDTHA	46		1	<input checked="" type="checkbox"/>	23705157
Pressure Switch	Potter Electric	PS10-2A	41		1	<input checked="" type="checkbox"/>	23705245
Pressure Switch	Potter Electric	PS10-2A	45		1	<input checked="" type="checkbox"/>	23705274
Pressure Switch	Potter Electric	PS10-2A	1m05s		1	<input checked="" type="checkbox"/>	23705251
Pressure Switch	Potter Electric	PS10-2	20		1	<input checked="" type="checkbox"/>	23705135
Pressure Switch	Potter Electric	PS10-2	0		1	<input checked="" type="checkbox"/>	23705098
Vane	Victaulic	WFD30-2AV	24		1	<input checked="" type="checkbox"/>	23705121
Pressure Switch	Potter Electric	PS-10	0		1	<input checked="" type="checkbox"/>	23705354
Pressure Switch	Potter Electric	PS-10	0		1	<input checked="" type="checkbox"/>	23705353
Pressure Switch	Potter Electric	PS-10	0		1	<input checked="" type="checkbox"/>	23705351
Pressure Switch	Potter Electric	PS-10	0		1	<input checked="" type="checkbox"/>	23705345
Pressure Switch	Potter Electric	PS-10	0		1	<input checked="" type="checkbox"/>	23705343
Pressure Switch	Potter Electric	PS-10	0		1	<input checked="" type="checkbox"/>	23705327
Vane	System Sensor	WFD40AV	-		1	<input type="checkbox"/>	23705139
Vane	System Sensor	WFD30-2AV	6		1	<input type="checkbox"/>	23705281

**Components**



Control Valve						
Type	Manufacturer	Size	Position	Status	OK	ScanID
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705140
Butterfly	Victaulic	3"	Open	Supervised	<input checked="" type="checkbox"/>	23705144
Butterfly	Victaulic	3"	Open	Supervised	<input checked="" type="checkbox"/>	23705146
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705150
Butterfly	Victaulic	3"	Closed	Supervised	<input checked="" type="checkbox"/>	23705148
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705313
Butterfly	Victaulic	1.5"	Open	Supervised	<input checked="" type="checkbox"/>	23705168
Butterfly	Victaulic	1.5"	Open	Supervised	<input checked="" type="checkbox"/>	23705156
OS&Y	Mueller	10"	Open	Locked	<input checked="" type="checkbox"/>	23705297
OS&Y	NIBCO	10"	Open	Supervised	<input checked="" type="checkbox"/>	23705302
OS&Y	NIBCO	10"	Open	Supervised	<input checked="" type="checkbox"/>	23705296
Butterfly	Victaulic	8"	Closed	Supervised	<input checked="" type="checkbox"/>	23705255
Butterfly	Victaulic	8"	Closed	Supervised	<input checked="" type="checkbox"/>	23705252
Butterfly	Victaulic	8"	Closed	Supervised	<input checked="" type="checkbox"/>	23705256
Butterfly	Victaulic	8"	Open	Supervised	<input checked="" type="checkbox"/>	23705258
Butterfly	Victaulic	8"	Open	Supervised	<input checked="" type="checkbox"/>	23705160
Butterfly	Victaulic	8"	Open	Supervised	<input checked="" type="checkbox"/>	23705290
Butterfly	Victaulic	8"	Open	Supervised	<input checked="" type="checkbox"/>	23705151
Butterfly	Victaulic	8"	Open	Supervised	<input checked="" type="checkbox"/>	23705167
Butterfly	Victaulic	8"	Open	Supervised	<input checked="" type="checkbox"/>	23705165
Butterfly	Victaulic	2"	Open	Supervised	<input checked="" type="checkbox"/>	23705162
Butterfly	Victaulic	2"	Open	Supervised	<input checked="" type="checkbox"/>	23705153
Butterfly	Victaulic	2"	Closed	Supervised	<input checked="" type="checkbox"/>	23705158
Butterfly	Victaulic	3"	Open	Supervised	<input checked="" type="checkbox"/>	23705289
Butterfly	Victaulic	3"	Open	Supervised	<input checked="" type="checkbox"/>	23705285
Butterfly	Victaulic	3"	Open	Supervised	<input checked="" type="checkbox"/>	23705283
Butterfly	Victaulic	3"	Closed	Supervised	<input checked="" type="checkbox"/>	23705287
Butterfly	Victaulic	6"	Closed	Supervised	<input checked="" type="checkbox"/>	23705269
Butterfly	Victaulic	6"	Open	Supervised	<input checked="" type="checkbox"/>	23705267
Butterfly	Victaulic	6"	Open	Supervised	<input checked="" type="checkbox"/>	23705271
Butterfly	Victaulic	6"	Open	Supervised	<input checked="" type="checkbox"/>	23705273
Butterfly	Victaulic	6"	Open	Supervised	<input checked="" type="checkbox"/>	23705248
Butterfly	Victaulic	6"	Open	Supervised	<input checked="" type="checkbox"/>	23705250
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705118
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705111
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705109
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705097
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705095



Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705092
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705101
Butterfly	Victaulic	4"	Closed	Supervised	<input checked="" type="checkbox"/>	23705114
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705105
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705123
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705122
Butterfly	angus fire	1.5"	Open	Supervised	<input checked="" type="checkbox"/>	23705085
Butterfly	Victaulic	6"	Open	Supervised	<input checked="" type="checkbox"/>	23705365
Butterfly	Victaulic	6"	Closed	Supervised	<input checked="" type="checkbox"/>	23705364
Butterfly	Victaulic	6"	Open	Supervised	<input checked="" type="checkbox"/>	23705363
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705362
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705360
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705358
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705356
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705352
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705341
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705335
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705319
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705322
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705326
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705316
Butterfly	Victaulic	4"	Open	Supervised	<input checked="" type="checkbox"/>	23705311
Butterfly	Victaulic	4"	Closed	Supervised	<input checked="" type="checkbox"/>	23705310
Butterfly	Victaulic	1.5"	Open	Supervised	<input type="checkbox"/>	23705234
Butterfly	victaulic	2"	Closed	Supervised	<input type="checkbox"/>	23705235
Butterfly	Victaulic	1.5"	Closed	Supervised	<input type="checkbox"/>	23705232
Butterfly	Victaulic	1.5"	Open	Supervised	<input type="checkbox"/>	23705183

**Isolation Valve**

Manufacturer	Position	Status	Size	OK	ScanID
Victaulic	Open	Supervised	1.5"	<input checked="" type="checkbox"/>	23705120
Victaulic	Open	Supervised	1.5"	<input checked="" type="checkbox"/>	23705264
Victaulic	Open	Supervised	1.5"	<input checked="" type="checkbox"/>	23705262
Victaulic	Open	Supervised	1.5"	<input checked="" type="checkbox"/>	23705260
Victaulic	Open	Supervised	1.5"	<input checked="" type="checkbox"/>	23705243
Victaulic	Open	Supervised	1.5"	<input checked="" type="checkbox"/>	23705242
Victaulic	Closed	Supervised	4"	<input checked="" type="checkbox"/>	23705107
Victaulic	Open	Supervised	1.5"	<input checked="" type="checkbox"/>	23705134
Victaulic	Closed	Supervised	4"	<input checked="" type="checkbox"/>	23705106
Victaulic	Open	Supervised	4"	<input checked="" type="checkbox"/>	23705346
Victaulic	Open	Supervised	4"	<input checked="" type="checkbox"/>	23705344



Victaulic	Open	Supervised	4"	<input checked="" type="checkbox"/>	23705340	
Victaulic	Open	Supervised	4"	<input checked="" type="checkbox"/>	23705336	
Victaulic	Open	unsupervised	1.5"	<input type="checkbox"/>	23705138	
Victaulic	Open	Supervised	2"	<input type="checkbox"/>	23705181	
<b>Preaction Valve</b>						
<b>Manufacturer</b>		<b>Model #</b>	<b>Serial #</b>	<b>Size</b>	<b>OK</b>	<b>ScanID</b>
Reliable		ddx		4"	<input checked="" type="checkbox"/>	23705361
<b>Type</b>	<b>Position</b>	<b>Status</b>		<b>Solenoid</b>	<b>Sec</b>	
Electric				24vdc		
<b>Preaction Valve</b>						
<b>Manufacturer</b>		<b>Model #</b>	<b>Serial #</b>	<b>Size</b>	<b>OK</b>	<b>ScanID</b>
Reliable		ddx		4"	<input checked="" type="checkbox"/>	23705099
<b>Type</b>	<b>Position</b>	<b>Status</b>		<b>Solenoid</b>	<b>Sec</b>	
Double Interlock				24vdc		
<b>Preaction Valve</b>						
<b>Manufacturer</b>		<b>Model #</b>	<b>Serial #</b>	<b>Size</b>	<b>OK</b>	<b>ScanID</b>
Reliable		ddx		4"	<input checked="" type="checkbox"/>	23705359
<b>Type</b>	<b>Position</b>	<b>Status</b>		<b>Solenoid</b>	<b>Sec</b>	
Electric				24vdc		
<b>Preaction Valve</b>						
<b>Manufacturer</b>		<b>Model #</b>	<b>Serial #</b>	<b>Size</b>	<b>OK</b>	<b>ScanID</b>
Reliable		ddx		4"	<input checked="" type="checkbox"/>	23705357
<b>Type</b>	<b>Position</b>	<b>Status</b>		<b>Solenoid</b>	<b>Sec</b>	
Double Interlock				24vdc		
<b>Preaction Valve</b>						
<b>Manufacturer</b>		<b>Model #</b>	<b>Serial #</b>	<b>Size</b>	<b>OK</b>	<b>ScanID</b>
Reliable		ddx		4"	<input checked="" type="checkbox"/>	23705355
<b>Type</b>	<b>Position</b>	<b>Status</b>		<b>Solenoid</b>	<b>Sec</b>	
Double Interlock				24vdc		
<b>Preaction Valve</b>						
<b>Manufacturer</b>		<b>Model #</b>	<b>Serial #</b>	<b>Size</b>	<b>OK</b>	<b>ScanID</b>
Reliable		ddx		4"	<input checked="" type="checkbox"/>	23705350
<b>Type</b>	<b>Position</b>	<b>Status</b>		<b>Solenoid</b>	<b>Sec</b>	
Double Interlock				24vdc		
<b>Preaction Valve</b>						
<b>Manufacturer</b>		<b>Model #</b>	<b>Serial #</b>	<b>Size</b>	<b>OK</b>	<b>ScanID</b>
Reliable		ddx		4"	<input checked="" type="checkbox"/>	23705324
<b>Type</b>	<b>Position</b>	<b>Status</b>		<b>Solenoid</b>	<b>Sec</b>	



Double Interlock				24vdc				
Preaction Valve								
Manufacturer		Model #		Serial #		Size	OK	ScanID
Reliable		ddx				4"	<input checked="" type="checkbox"/>	23705306
Type	Position		Status			Solenoid	Sec	
Double Interlock						24vdc		
Devices								
Fire Hose								
Location			Type	Length ft	Test psi	Size	OK	ScanID
Southeast level #1 fire hose cabinet			Pin Rack	100 ft		Class III - 2.5" & 1.5"	<input checked="" type="checkbox"/>	23705116
Fire Hydrant								
Description		Type		Position		Size	OK	ScanID
500 gpm/1893 lpm		Wet Barrel/Wall				6"	<input checked="" type="checkbox"/>	23705299
Orifice		Flow Rate		Valve Type		Flush Test Date		
2@2-1/2"				Other		12/01/2011		
Hose Connection								
Location			Type	Description		Size	OK	ScanID
2nd East New maintenance shop Ash plant						Class I - 2.5"	<input checked="" type="checkbox"/>	23705221
level #1 stand pipe fire hose by-pass valve						Class II - 1.5"	<input checked="" type="checkbox"/>	23705119
stairs level #2 stand pipe						Class II - 1.5"	<input checked="" type="checkbox"/>	23705090
stairs level #4 stand pipe						Class II - 1.5"	<input checked="" type="checkbox"/>	23705088
stairs level #5a stand pipe						Class II - 1.5"	<input checked="" type="checkbox"/>	23705087
stairs level #6a stand pipe						Class II - 1.5"	<input checked="" type="checkbox"/>	23705086
stairs level #5 stand pipe						Class I - 2.5"	<input checked="" type="checkbox"/>	23705246
South stairs level #4 stand pipe						Class I - 2.5"	<input checked="" type="checkbox"/>	23705083

South stairs level #4 stand pipe			Class I - 2.5"	<input checked="" type="checkbox"/>	23705%83
stairs level #3a stand pipe			Class II - 1.5"	<input checked="" type="checkbox"/>	23705089
stair between grd & 1st South Ash plant Stairwell			Class I - 2.5"	<input checked="" type="checkbox"/>	23705177
Ground Behind building New maintenance shop Ash plant			Class I - 2.5"	<input type="checkbox"/>	23705218

### Hose Storage

Location	Type	Description	OK	ScanID
2nd next to mcc room fire hose cabinet EAHC2	Reel		<input checked="" type="checkbox"/>	23705224
main entrance stand pipe	Reel		<input checked="" type="checkbox"/>	23705102
South level #6 conference room fire hose cabinet	Reel		<input checked="" type="checkbox"/>	23705155
Behind Fire pump room Hose cabinet	Station		<input checked="" type="checkbox"/>	23705180
East Employee parking for the ash plant Hose cabinet	Station		<input checked="" type="checkbox"/>	23705179
South main entrance rd Hose cabinet	Station		<input checked="" type="checkbox"/>	23705170
Northeast Main entrance rd Hose cabinet	Station		<input checked="" type="checkbox"/>	23705178
Ground West Ash plant	Station		<input checked="" type="checkbox"/>	23705172
level 1 Northwest next to laundry room fire hose cabinet #40	Reel		<input checked="" type="checkbox"/>	23705222
South level #4 next to room#403 fire hose cabinet	Reel		<input type="checkbox"/>	23705084

### Monitor Nozzle

Qty	Type	Size	Location	OK	ScanID
	Oscillating	2"	Northwest tipping hall	<input type="checkbox"/>	23705231
	Oscillating	2"	South tipping hall	<input type="checkbox"/>	23705239

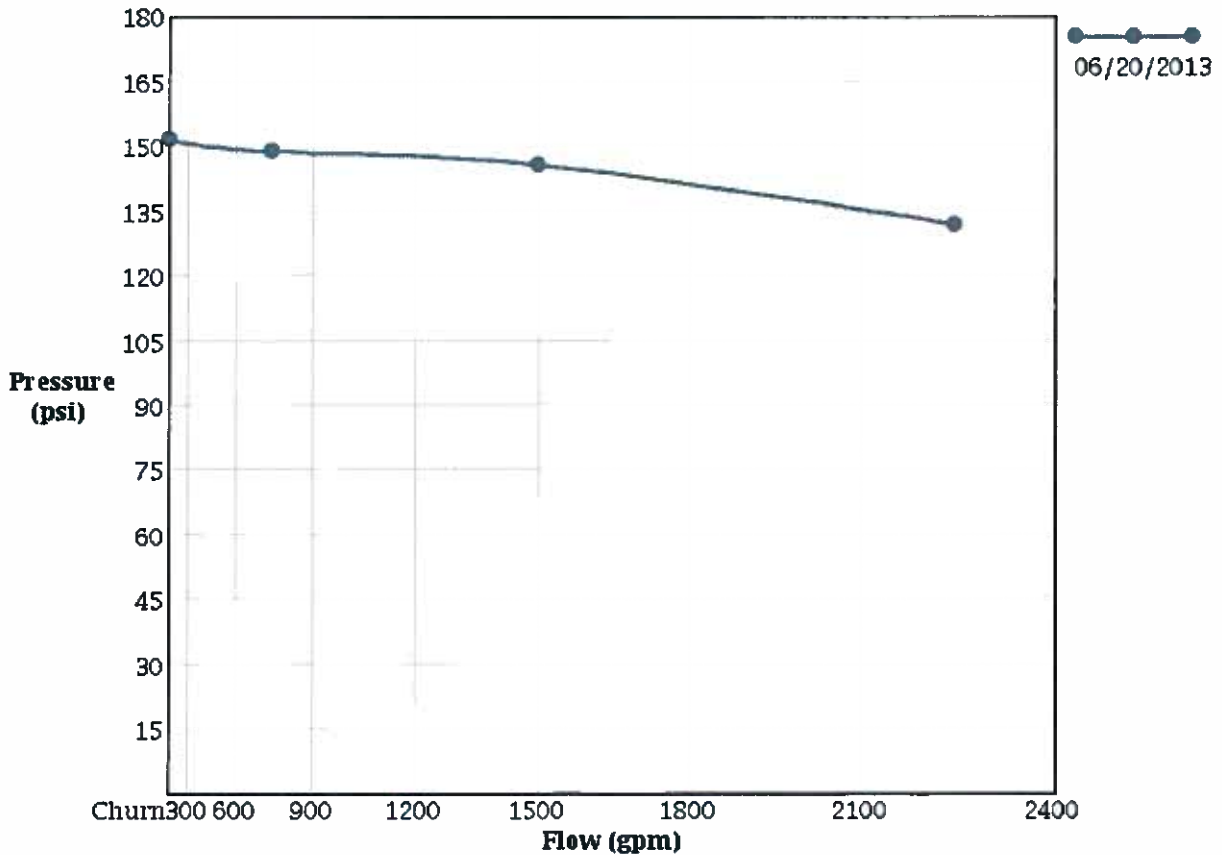
# Fire Pump Testing

Generated by: BuildingReports.ca

<i>Pump</i>				
Manufacturer	Model #	Location	Install Date	Rated Speed
Aurora	491BF	fire pump room diesel fire pump	08/02/2011	2350

<i>Pump Tests</i>											
Discharge Device	Date	Disch. PSI	Suct. PSI	GPM	RPM	Amps			Volts		
						A	B	C	A-B	B-C	A-C
Flowmeter	06/20/13	156	4	0	2250						
Flowmeter	06/20/13	153	4	750	2300						
Flowmeter	06/20/13	149	3	1500	2400						
Flowmeter	06/20/13	133	1	2250	2400				145	147	148

**Pump Flow Test**  
tynes bay



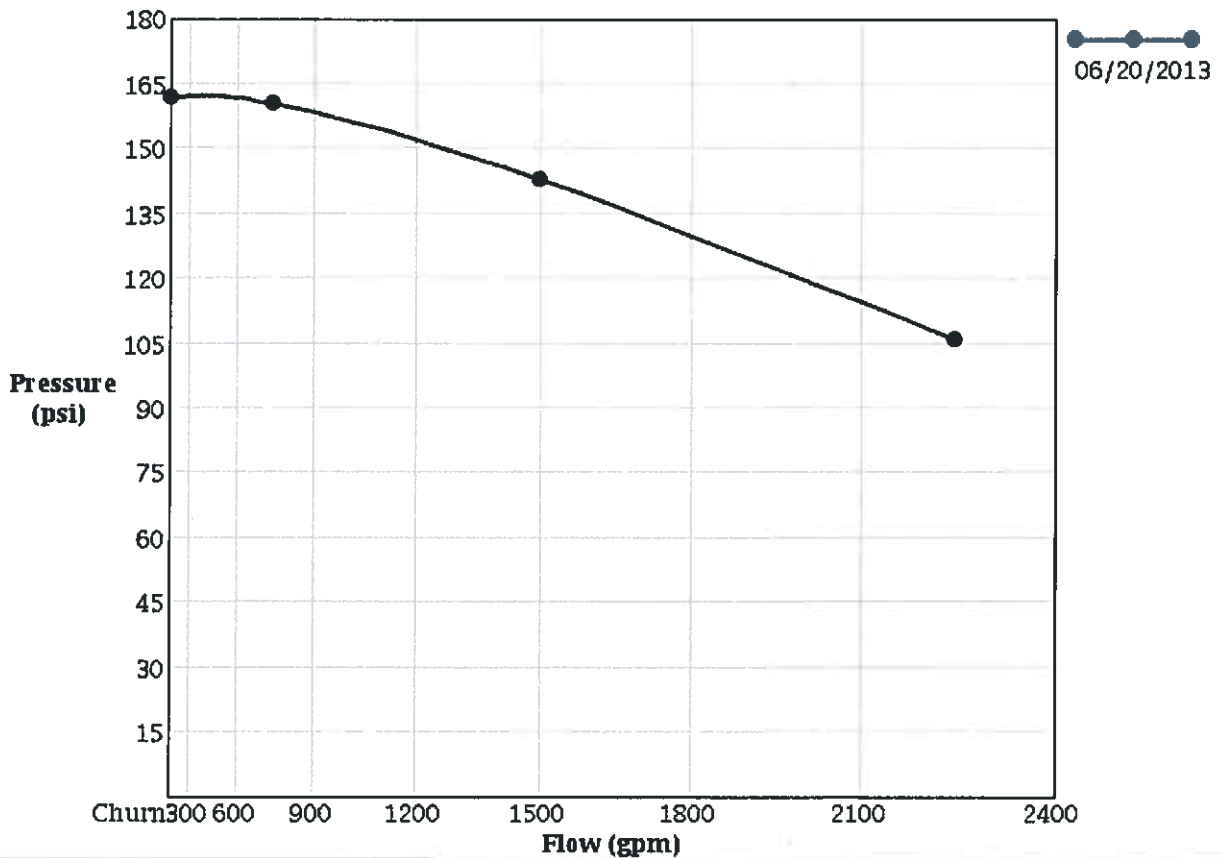
<i>Pump</i>				
Manufacturer	Model #	Location	Install Date	Rated Speed
Aurora	481BF	fire pump room	08/02/2011	3560

*Pump*

*Pump Tests*

Discharge Device	Date	Disch. PSI	Suct. PSI	GPM	RPM	Amps			Volts		
						A	B	C	A-B	B-C	A-C
Other	06/20/13	168	6	0		143	147	151	452	453	453
Flowmeter	06/20/13	167	6	750		450	452	452	175	180	180
Flowmeter	06/20/13	148	5	1500		450	452	451	215	221	220
Flowmeter	06/20/13	110	4	2250		448	449	449	236	241	241

**Pump Flow Test**  
tynes bay



## Inventory & Warranty Report

Generated by: [BuildingReports.ca](http://BuildingReports.ca)

**Building: tynes bay**

*The Inventory & Warranty Report lists each of the devices and items that are included in your Inspection Report. A complete inventory count by device type and category is provided. Items installed within the last 90 days, within the last year, and devices installed for two years or more are grouped together for easy reference.*

Device or Item	Category	% of Inventory	Quantity
Preaction Valve	Valve	3.67%	8
Tamper Switch	Alarm	32.57%	71
Control Valve	Valve	29.82%	65
Hose Connection	Hose	5.50%	12
Hose Storage	Hose	4.59%	10
Waterflow Switch	Alarm	7.34%	16
Isolation Valve	Valve	6.88%	15
Monitor Nozzle	Nozzle	0.92%	2
Fire Hose	Hose	0.46%	1
Pressure Switch	Alarm	1.83%	4
Air Compressor	Pump	1.38%	3
Level Alarm	Alarm	0.92%	2
Pump	Pump	0.92%	2
Controller	Pump	0.92%	2
Jockey Controller	Pump	0.46%	1
Jockey Pump	Pump	0.46%	1
Fire Hydrant	Hose	0.46%	1
Diesel Driver	Pump	0.46%	1
Electrical Driver	Pump	0.46%	1

Device or Item	Qty	Model #	Description	Install Date
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### In Service - 1 Year to 2 Years

#### Water Spray

Control Valve	1	728	Butterfly	12/01/2011
Hose Storage	1	#40	Reel	12/01/2011
Hose Storage	2	A6HC	Reel	12/01/2011
Hose Storage	1		Reel	12/01/2011
Hose Storage	1		Reel	12/01/2011
Air Compressor	2	mod #c4t17h3e	Automatic	12/01/2011
Monitor Nozzle	1	4000-24	Oscillating	12/01/2011
Electrical Driver	1	AC96		12/01/2011
Monitor Nozzle	1	4000-24	Oscillating	12/01/2011
Hose Connection	3	A203		12/01/2011
Control Valve	1		OS&Y	12/01/2011
Fire Hose	1		Pin Rack	12/01/2011
Hose Connection	6			12/01/2011
Control Valve	2		OS&Y	12/01/2011





Device or Item	Qty	Model #	Description	Install Date
<b><i>In Service - 1 Year to 2 Years</i></b>				
Fire Hydrant	1	609RW	Wet Barrel/Wall	12/01/2011
Tamper Switch	2		OS & Y	12/01/2011
Waterflow Switch	6	PS-10	Pressure Switch	12/01/2011
Waterflow Switch	2	PS10-2	Pressure Switch	12/01/2011
Waterflow Switch	3	PS10-2A	Pressure Switch	12/01/2011
Air Compressor	1	mod #c4t17h3e	Automatic	12/01/2011
Preaction Valve	2		Double Interlock	12/01/2011
Preaction Valve	4	ddx	Double Interlock	12/01/2011
Preaction Valve	2	ddx	Electric	12/01/2011
Hose Connection	2	WFD40AV		12/01/2011
Level Alarm	2	EPS40-2	Low	12/01/2011
Pressure Switch	1		Low	12/01/2011
Pressure Switch	2		Pressure Switch	12/01/2011
Pressure Switch	1	EPS40-2	Pressure Switch	12/01/2011
Waterflow Switch	2	WFD30-2AV	Vane	12/01/2011
Waterflow Switch	1	WFD40AV	Vane	12/01/2011
Hose Storage	4		Station	12/01/2011
Controller	1	GPR-480/200/ 3/60		12/01/2011
Control Valve	1		Butterfly	12/01/2011
Control Valve	41	705	Butterfly	12/01/2011
Control Valve	3	705c	Butterfly	12/01/2011
Control Valve	2	705w	Butterfly	12/01/2011
Control Valve	7	707c	Butterfly	12/01/2011
Control Valve	5	728	Butterfly	12/01/2011
Control Valve	2	75	Butterfly	12/01/2011
Isolation Valve	1			12/01/2011
Isolation Valve	4	705		12/01/2011
Isolation Valve	1	705c		12/01/2011
Isolation Valve	1	707c		12/01/2011
Isolation Valve	8	728		12/01/2011
Tamper Switch	1	705	by-pass Valve	12/01/2011
Tamper Switch	25	705	Control Valve	12/01/2011
Tamper Switch	6	705	Control Valve #1	12/01/2011
Tamper Switch	8	705	Control Valve #2	12/01/2011
Tamper Switch	4	705	Control Valve #3	12/01/2011
Tamper Switch	1	705	Control Valve#2	12/01/2011
Tamper Switch	1	705	test valve	12/01/2011
Tamper Switch	1	705	zone #6 test valve	12/01/2011
Tamper Switch	4	705c	Control Valve	12/01/2011
Tamper Switch	2	705w	Control Valve	12/01/2011
Tamper Switch	5	707c	Control Valve	12/01/2011
Tamper Switch	1	707c	Control Valve bypass	12/01/2011
Tamper Switch	10	728	Control Valve	12/01/2011
Waterflow Switch	1	WFD30-2AV	Vane	12/01/2011
Waterflow Switch	1	WFDTHA	Vane	12/01/2011



Device or Item	Qty	Model #	Description	Install Date
<i><b>In Service - 1 Year to 2 Years</b></i>				
Pump	1	481BF	Pump Primary	08/02/2011
Pump	1	491BF	Pump Standby	08/02/2011
Jockey Pump	1	BVM2-90 1/4	1 Automatic	08/02/2011
Diesel Driver	1	6068HF120		08/02/2011
Hose Connection	1			08/02/2011
Hose Storage	1		Station	08/02/2011
Controller	1	GPD-N-12-FBC E10120		08/02/2011
Jockey Controller	1	JP3-460-3/3/6 0		08/02/2011



# Notes & Recommendations

Generated by: BuildingReports.ca

Building: tynes bay

The Notes & Recommendations Report details additional inspection notes made by the Inspectors during the course of the building inspection. Notes are grouped by SystemID. A link to the item is provided for more information.

Note	Device Type	Location	Comment	ScanID
<b>Water Spray</b>				
1	Waterflow Switch	turbine room level #1 zone #6	Passed	23705098
alarm tested with by pass valve. vipond was not able to witness heat detectors activating.				

