

Intake Screen Maintenance

2019 Clean and Safe Drinking Water Workshop

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Director of Public Works, Water, and Wastewater - City of Corner Brook

March 26, 2019





Presentation Outline

- Permit to Operate
- Corner Brook's Intake System
- Intake Maintenance
 - Daily
 - Yearly
 - As required
- Costs
- Safety
- Acknowledgements
- Questions





Permit to Operate

Develop a schedule for screen maintenance

- Each location develops a schedule based on history
- Each location will be different depending on location of intake i.e. pond vs. river









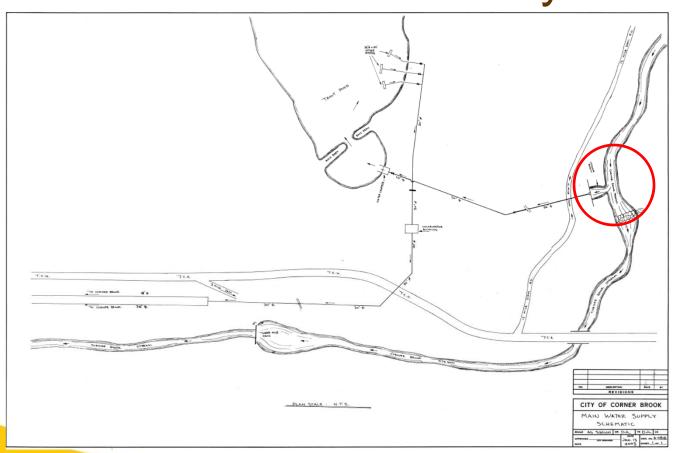






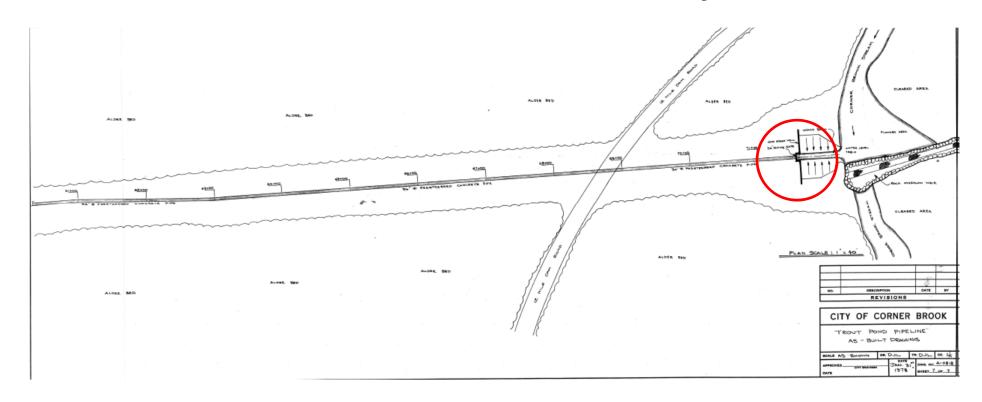






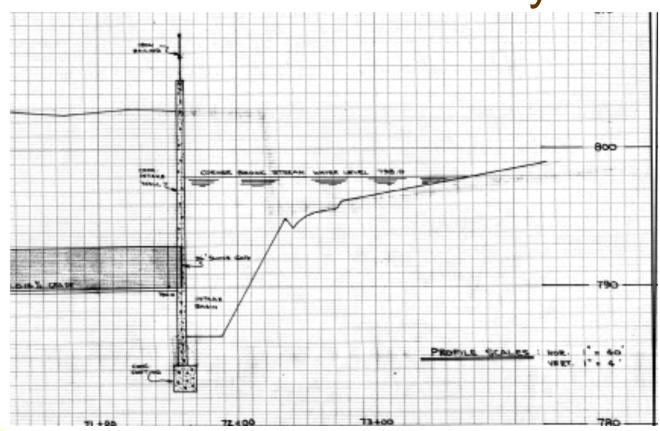






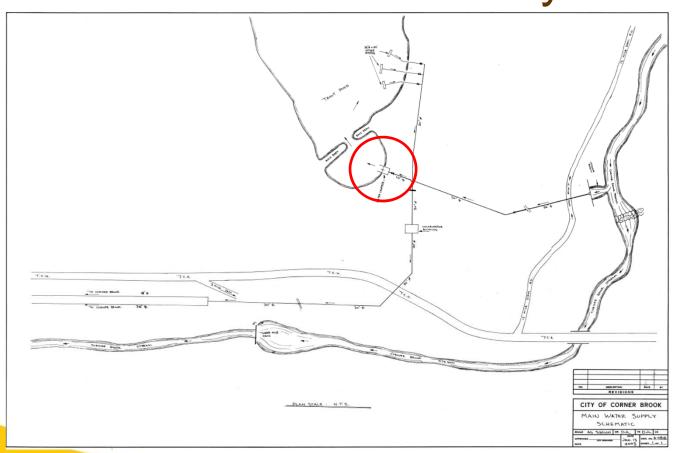












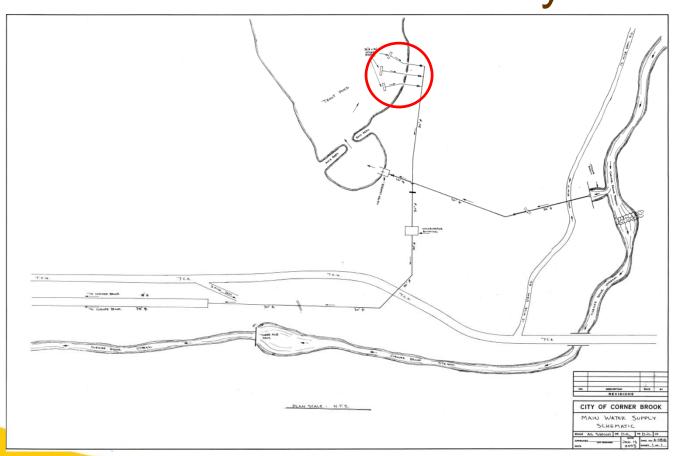






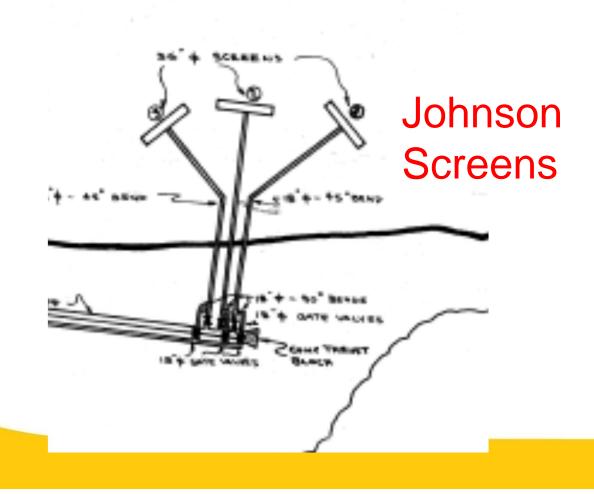




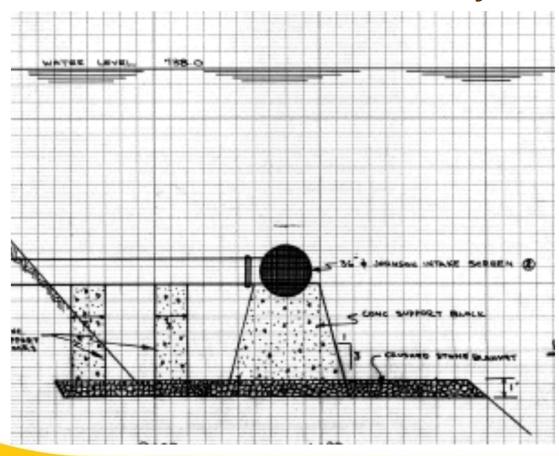




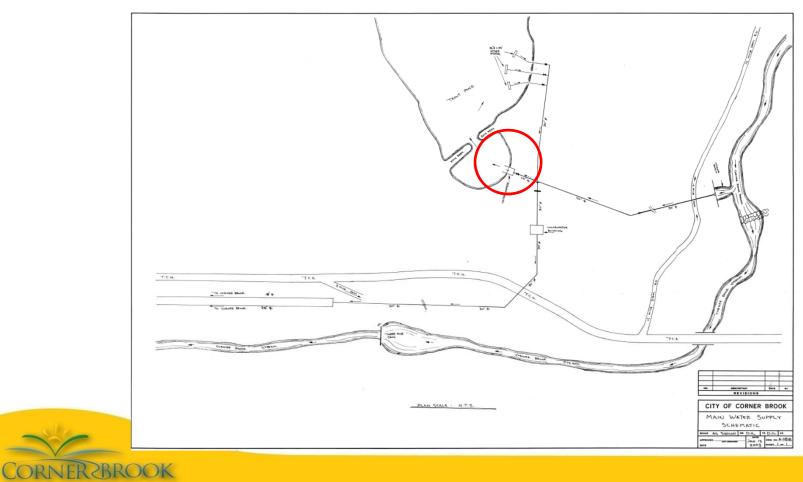
















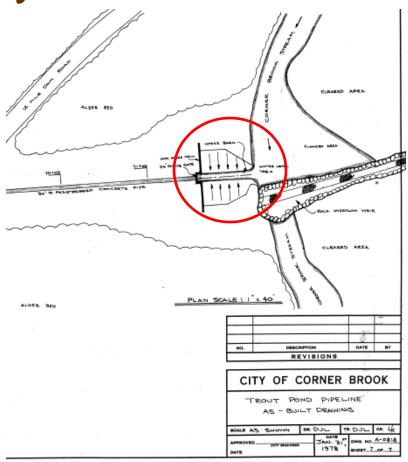














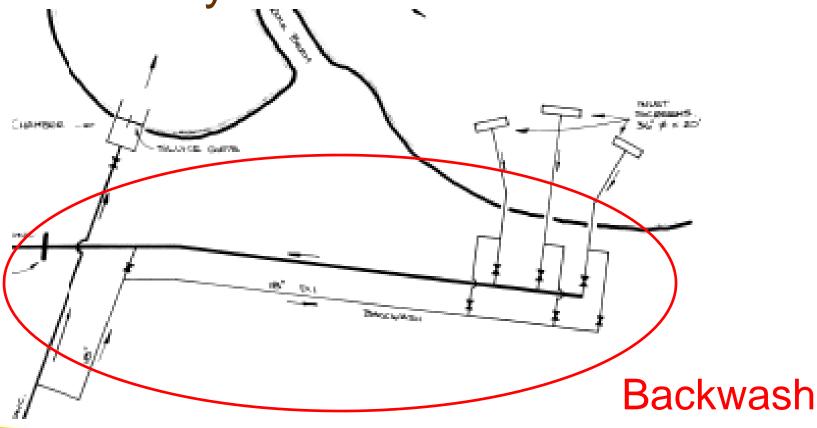








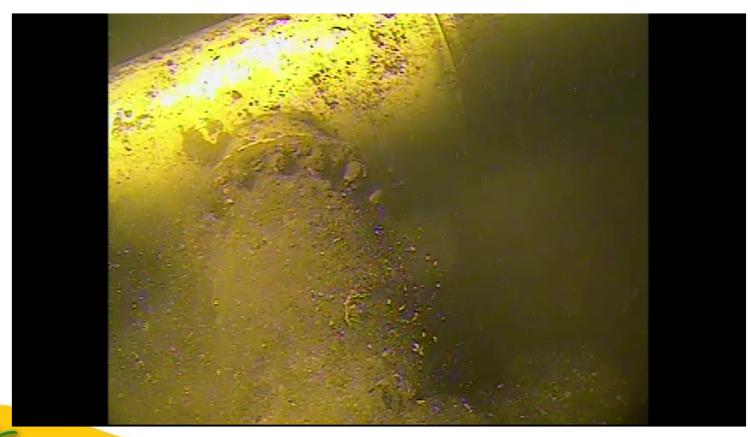
Yearly Intake Maintenance







Intake Screen Maintenance







Intake Maintenance







Intake Maintenance Costs

- Cost of diving services \$200/hr
- Intake screen inspection and cleaning 2 hrs
- Trash rack inspection and cleaning 10 hrs
- Vacuum truck 13 ½ hrs @\$125/hr





Safety

THE CITY OF CORNER BROOK OCCUPATIONAL HEALTH & SAFETY PROGRAM

Title: CONTRACTOR ORIENTATION

Date of Issue: 2015-11-17 Page: 1 of 1 Version: 1

2.0 SAFETY ORIENTATION CHECKLIST (Contractors)

Contractor's Name: Bailey's Marine Project: Trout Pond & CB Stream Inspection & cleaning

INITIAL ITEMS COVERED Contact information for the City of Corner Brook's OH&S Committee members City of Corner Brook's Occupational Health & Safety Policy Statement & Program N3 Contractor compliance with City OH&S requirements and provincial act and regulations Use of Personal Protective Equipment (CSA Approved Hard Hat, CSA Approved Vest (Class 2, Level 2), CSA Approved Safety Boots, CSA Approved Eye Protection) Health & Safety Rules and Responsibilities Individual Responsibilities Penalties 3 Rights / Right to Refuse unsafe work 83 Respectful Workplace Policy **Emergency Procedures** Accidents & Incidents Reporting (near miss reporting) All equipment must have a First Aid Kit and a Fire Extinguisher Pre-trip inspection requirement and copy of form used 00 Tobacco, Nicotine & Vapor Free Workspace 130 Drug & Alcohol Policy City of Corner Brook Job Site Audits Safety in the Depot Yard (memo) Participate in Toolbox Meetings with Supervisor & crew Training Safe Lifting Techniques Cleaning Solvents & Flammables 13G 18G WHMIS (SWP-11 Rev 1) Valid Certificate of Clearance from WHSCC Valid Insurance Statement - Complete with expiry date and a minimum of 83 \$2,000,000 liability. Include all relevant certifications i.e. Traffic Control, Trenching, Power Line Hazards, WHMIS (include expiry date), etc. Driver's Licenses Does Contractor Have an OH&S Program? If yes, a copy must be provided I will review all City of Corner Brook safety documentation provided in this orientation with my employees prior to assigning them to complete work for the City of Corner Brook. Sign off of this review by each employee will be documented and submitted to the City of Corner Brook. B

SWP's / Traffic Manual / Pre job Hazard Assessments	INITIAL
	Add revs 🛇
General Vehicle Safety (SWP-03)	11001010
Introduction to Depot Yard (SWP-24)	33
General Heavy Equipment Safety (SWP-34)	lei Lei
Working on the ground around mobile equipment (SWP-65)	165
Pre-job Hazard Assessment (Hazard Recognition, Evaluation & Control	
completed)	PS 5
A	

Orientation Given By: Signature:	Date: + 413/17
Contractor's Signature:	Date: 13/17

" July 13, 2017 B: 80 AM





Acknowledgements

 Keith Costello, Superintendent of Water and Wastewater, City of Corner Brook

 Gerry Lahey, Environmental Scientist, Dept. of Municipal Affairs & Environment, Water Resources Management Division





Questions



