



THE CITY OF WINNIPEG

REQUEST FOR PROPOSAL

RFP NO. 973-2018

**REQUEST FOR PROPOSAL FOR PROFESSIONAL CONSULTING SERVICES FOR
2019-2021 SEWER CONDITION ASSESSMENT**

Proposals shall be submitted to:

**The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1**

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 REQUEST FOR PROPOSAL FOR PROFESSIONAL CONSULTING SERVICES FOR 2019-2021 SEWER CONDITION ASSESSMENT

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 12:00 noon Winnipeg time, January 21st, 2019.

B2.2 Proposals determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.

B2.3 The Project Manager or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3. ENQUIRIES

B3.1 All enquiries shall be directed to the Project Manager identified in D2.

B3.2 If the Proponent finds errors, discrepancies or omissions in the Request for Proposal, or is unsure of the meaning or intent of any provision therein, the Proponent shall promptly notify the Project Manager of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.

B3.3 Responses to enquiries which, in the sole judgment of the Project Manager, require a correction to or a clarification of the Request for Proposal will be provided by the Project Manager to all Proponents by issuing an addendum.

B3.4 Responses to enquiries which, in the sole judgment of the Project Manager, do not require a correction to or a clarification of the Request for Proposal will be provided by the Project Manager only to the Proponent who made the enquiry.

B3.5 All correspondence or contact by Proponents with the City in respect of this RFP must be directly and only with the City's Project Manager. Failure to restrict correspondence and contact to the Project Manager may result in the rejection of the Proponents Proposal Submission.

B3.6 The Proponent shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Project Manager in writing.

B4. CONFIDENTIALITY

B4.1 Information provided to a Proponent by the City or acquired by a Proponent by way of further enquiries or through investigation is confidential. Such information shall not be used or disclosed in any way without the prior written authorization of the Project Manager. The use and disclosure of the Confidential Information shall not apply to information which:

- (a) was known to the Proponent before receipt hereof; or
- (b) becomes publicly known other than through the Proponent; or
- (c) is disclosed pursuant to the requirements of a governmental authority or judicial order.

B4.2 The Proponent shall not make any statement of fact or opinion regarding any aspect of the Request for Proposals to the media or any member of the public without the prior written authorization of the Project Manager.

B5. ADDENDA

- B5.1 The Project Manager may, at any time prior to the Submission Deadline, issue addenda correcting errors, discrepancies or omissions in the Request for Proposal, or clarifying the meaning or intent of any provision therein.
- B5.2 The Project Manager will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.
- B5.3 Addenda will be available on the Bid Opportunities page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/bidopp.asp>
- B5.4 The Proponent is responsible for ensuring that he/she has received all addenda and is advised to check the Materials Management Division website for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.
- B5.5 The Proponent shall acknowledge receipt of each addendum in Paragraph 9 of Form A: Proposal. Failure to acknowledge receipt of an addendum may render a Proposal non-responsive.
- B5.6 Notwithstanding B3, enquiries related to an Addendum may be directed to the Project Manager indicated in D2.

B6. PROPOSAL SUBMISSION

- B6.1 The Proposal shall consist of the following components:
- (a) Form A: Proposal (Section A) in accordance with B7;
 - (b) Fees (Section B) in accordance with B8.
- B6.2 The Proposal should also consist of the following components:
- (a) Experience of Proponent and Subconsultants (Section C) in accordance with B9;
 - (b) Experience of Key Personnel Assigned to the Project (Section D), in accordance with B10;
 - (c) Project Understanding and Methodology (Section E) in accordance with B11; and
 - (d) Project Schedule (Section F) in accordance with B12.
- B6.3 Further to B6.1 all components of the Proposal shall be fully completed or provided in the order indicated, and submitted by the Proponent no later than the Submission Deadline, with all required entries made clearly and completely, to constitute a responsive Proposal.
- B6.4 Further to B6.2, all components of the Proposal should be fully completed or provided in the order indicated, and submitted by the Proponent no later than the Submission Deadline, with all required entries made clearly and completely.
- B6.5 Proponents should submit one (1) unbound 8.5" x 11" original (marked "original") including drawings and four (4) copies (copies can be in any size format) for sections identified in B6.1 and B6.2.
- B6.6 Proposal format, including type of binding, number of pages, size of pages and, font, etc., will not be regulated, except that the Proposal should contain a table of contents, page numbering and should be in the Sections identified above. Proponents are encouraged to use their creativity to submit a Proposal which provides the requested information for evaluation and other information which illustrates the strength of their team.
- B6.7 Proponents are advised that inclusion of terms and conditions inconsistent with the Request for Proposal, will be evaluated in accordance with B21.1(a).

B6.8 The Proposal shall be submitted enclosed and sealed in an envelope/package clearly marked with the RFP number and the Proponent's name and address.

B6.9 Proposals submitted by facsimile transmission (fax) or internet electronic mail (e-mail) will not be accepted.

B6.10 Proposals shall be submitted to:

The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1

B6.11 Any cost or expense incurred by the Proponent that is associated with the preparation of the Proposal shall be borne solely by the Proponent.

B7. PROPOSAL (SECTION A)

B7.1 The Proponent shall complete Form A: Proposal, making all required entries.

B7.2 Paragraph 2 of Form A: Proposal shall be completed in accordance with the following requirements:

- (a) if the Proponent is a sole proprietor carrying on business in his/her own name, his/her name shall be inserted;
- (b) if the Proponent is a partnership, the full name of the partnership shall be inserted;
- (c) if the Proponent is a corporation, the full name of the corporation shall be inserted;
- (d) if the Proponent is carrying on business under a name other than his/her own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.

B7.2.1 If a Proposal is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.

B7.3 In Paragraph 3 of Form A: Proposal, the Proponent shall identify a contact person who is authorized to represent the Proponent for purposes of the Proposal.

B7.4 Paragraph 12 of Form A: Proposal shall be signed in accordance with the following requirements:

- (a) if the Proponent is a sole proprietor carrying on business in his/her own name, it shall be signed by the Proponent;
- (b) if the Proponent is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
- (c) if the Proponent is a corporation, it shall be signed by its duly authorized officer or officers and the corporate seal, if the corporation has one, should be affixed;
- (d) if the Proponent is carrying on business under a name other than his/her own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.

B7.4.1 The name and official capacity of all individuals signing Form A: Proposal should be printed below such signatures.

B7.5 If a Proposal is submitted jointly by two or more persons, the word "Proponent" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Proponents in the Proposal and the Contract, when awarded, shall be both joint and several.

B8. FEES (SECTION B)

- B8.1 The Proposal shall include a Fixed Fee for all disciplines and/or phases identified in D4 Scope of Services.
- B8.2 Adjustments to Fees will only be considered based on increases to the Scope of Services.
- B8.2.1 The City will not consider an adjustment to the Fees based on changes in the Project budget or the Final Total Construction Cost.
- B8.3 Notwithstanding C1.1(b), Fees shall include costs for out of town travel, related meals and accommodations for the duration of the Project and shall not be considered an Allowable Disbursement.
- B8.4 The Fee Proposal shall also include an allowance for Allowable Disbursements as defined in C1.1(b), but shall exclude the costs of any materials testing, soils and hazardous materials investigation during construction.
- B8.5 Notwithstanding C11.1, Fees submitted shall not include the Goods and Services Tax (GST) or Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable.
- B8.6 Payments to Non-Resident Consultants are subject to Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).
- B8.7 Include a separate allowance on a unit rate basis (per hour) not exceeding the amount of \$10,000.00 for Information Technology configuration and integration activities associated with the implementation of Innovyze InfoAsset Manager (formerly InfoNet) software. This allowance will not be used in the evaluation of fees. Hours billed to this task will need to be approved by the Project Manager prior to payment.

B9. EXPERIENCE OF PROPONENT AND SUBCONSULTANTS (SECTION C)

- B9.1 Proposals should include:
- (a) details demonstrating the history and experience of the Proponent and Subconsultants in providing programming; design, management of the project and contract administration services on three projects of similar complexity, scope and value.
- B9.2 For each project listed in B9.1(a), the Proponent should submit:
- (a) description of the project;
 - (b) role of the Consultant;
 - (c) project's original contracted cost and final cost;
 - (d) design and schedule (anticipated project schedule and actual project delivery schedule, showing design separately);
 - (e) project owner;
 - (f) reference information (two current names with telephone numbers per project).
- B9.2.1 Where applicable, information should be separated into Proponent and Subconsultant project listings.
- B9.3 The Proposal should include general firm profile information, including years in business, average volume of work, number of employees and other pertinent information for the Proponent and all Subconsultants.

B10. EXPERIENCE OF KEY PERSONNEL ASSIGNED TO THE PROJECT (SECTION D)

- B10.1 Describe your approach to overall team formation and coordination of team members.
- B10.1.1 Include an organizational chart for the Project.

- B10.2 Identify the following Key Personnel assigned to the Project:
- (a) Project Manager;
 - (b) Assistant Project Manager (if applicable);
 - (c) Project Advisor (if applicable);
 - (d) Contract Administrator;
 - (e) Resident Inspector;
 - (f) condition assessment team;
 - (g) other Key Personnel as required.
- B10.3 Submit the experience and qualifications of the Key Personnel assigned to the Project for projects of similar complexity, scope and value, including the principals-in-charge, the Consultants Representative, managers of the key disciplines and lead designers. Include educational background and degrees, professional recognition, job title, years of experience in current position, years of experience in design and years of experience with existing employer. Roles of each of the Key Personnel in the Project should be identified in the organizational chart referred to in B10.1.1.
- B10.4 For each person identified, list at least two comparable projects in which they have played a primary role similar to that proposed for this Project. If a project selected for a key person is included in B9, provide only the project name and the role of the key person. For other projects provide the following:
- (a) Description of project;
 - (b) Role of the person;
 - (c) Project Owner;
 - (d) Reference information (two current names with telephone numbers per project).
- B11. PROJECT UNDERSTANDING AND METHODOLOGY (SECTION E)**
- B11.1 Describe your firm's project management approach and team organization during the performance of Services, so that the evaluation committee has a clear understanding of the methods the Proponent will use in the delivery of this Project.
- B11.2 Methodology should be presented in accordance with the Scope of Services identified in D4.
- B11.3 Describe the collaborative process/method to be used by the Key Personnel of the team in the various phases of the Project.
- B11.4 Proposals should address:
- (a) the team's understanding of the broad functional and technical requirements;
 - (b) the team's understanding of the urban design issues;
 - (c) the proposed Project budget;
 - (d) the City's Project methodology with respect to the information provided within this RFP and the City's Project Management Manual at <http://winnipeg.ca/infrastructure/asset-management-program/templates-manuals.stm#2> and templates at <http://winnipeg.ca/infrastructure/asset-management-program/templates-manuals.stm#4> ; and;
 - (e) any other issue that conveys your team's understanding of the Project requirements.
- B11.5 The Proposal should include Form P: Person Hours for all disciplines and or phases identified in D4 Scope of Services.
- B11.5.1 The total Fees on Form P: Person Hours should match Fees submitted in response to B8.

- B11.6 Proponents may use Form P: Person Hours or a table of their own design provided it includes all information requested in accordance with B11.5.
- B11.7 For each person identified in B10.2, list the percent of time to be dedicated to the Project in accordance with the Scope of Services identified in D4.

B12. PROJECT SCHEDULE (SECTION F)

- B12.1 Proponents should present a carefully considered Critical Path Method schedule using Microsoft Project or similar project management software, complete with resource assignments (key designers), durations (weekly timescale) and milestone dates or events. The schedule should address each requirement of the Scope of Services.
- B12.2 The Proponent's schedule should include critical dates for review and approval processes by the City and other organizations anticipated during the design and tendering phases of the Project. Reasonable times should be allowed for completion of these processes.

B13. DISCLOSURE

- B13.1 Various Persons provided information or services with respect to this Work. In the City's opinion, this relationship or association does not create a conflict of interest because of this full disclosure. Where applicable, additional material available as a result of contact with these Persons is listed below.
- B13.2 The Persons are:
- (a) N/A

B14. CONFLICT OF INTEREST AND GOOD FAITH

- B14.1 Proponents, by responding to this RFP, declare that no Conflict of Interest currently exists, or is reasonably expected to exist in the future.
- B14.2 Conflict of Interest means any situation or circumstance where a Proponent or Key Personnel proposed for the Work has:
- (a) other commitments;
- (b) relationships;
- (c) financial interests; or
- (d) involvement in ongoing litigation;
- that could or would be seen to:
- (i) exercise an improper influence over the objective, unbiased and impartial exercise of the independent judgment of the City with respect to the evaluation of Proposals or award of the Contract; or
- (ii) compromise, impair or be incompatible with the effective performance of a Proponent's obligations under the Contract;
- (e) has contractual or other obligations to the City that could or would be seen to have been compromised or impaired as a result of its participation in the RFP process or the Project; or
- (f) has knowledge of confidential information (other than confidential information disclosed by the City in the normal course of the RFP process) of strategic and/or material relevance to the RFP process or to the Project that is not available to other proponents and that could or would be seen to give that Proponent an unfair competitive advantage.
- B14.3 In connection with its Proposal, each entity identified in B14.2 shall:
- (a) avoid any perceived, potential or actual Conflict of Interest in relation to the procurement process and the Project;

- (b) upon discovering any perceived, potential or actual Conflict of Interest at any time during the RFP process, promptly disclose a detailed description of the Conflict of Interest to the City in a written statement to the Project Manager; and
- (c) provide the City with the proposed means to avoid or mitigate, to the greatest extent practicable, any perceived, potential or actual Conflict of Interest and shall submit any additional information to the City that the City considers necessary to properly assess the perceived, potential or actual Conflict of Interest.

B14.4 Without limiting B14.3, the City may, in its sole discretion, waive any and all perceived, potential or actual Conflicts of Interest. The City's waiver may be based upon such terms and conditions as the City, in its sole discretion, requires to satisfy itself that the Conflict of Interest has been appropriately avoided or mitigated, including requiring the Proponent to put into place such policies, procedures, measures and other safeguards as may be required by and be acceptable to the City, in its sole discretion, to avoid or mitigate the impact of such Conflict of Interest.

B14.5 Without limiting B14.3, and in addition to all contractual or other rights or rights at law or in equity or legislation that may be available to the City, the City may, in its sole discretion:

- (a) disqualify a Proponent that fails to disclose a perceived, potential or actual Conflict of Interest of the Proponent or any of its Key Personnel;
- (b) require the removal or replacement of any Key Personnel proposed for the Work that has a perceived, actual or potential Conflict of Interest that the City, in its sole discretion, determines cannot be avoided or mitigated;
- (c) disqualify a Proponent or Key Personnel proposed for the Work that fails to comply with any requirements prescribed by the City pursuant to B14.4 to avoid or mitigate a Conflict of Interest; and
- (d) disqualify a Proponent if the Proponent, or one of its Key Personnel proposed for the Project, has a perceived, potential or actual Conflict of Interest that, in the City's sole discretion, cannot be avoided or mitigated, or otherwise resolved.

B14.6 The final determination of whether a perceived, potential or actual Conflict of Interest exists shall be made by the City, in its sole discretion.

B15. QUALIFICATION

B15.1 The Proponent shall:

- (a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Proponent does not carry on business in Manitoba, in the jurisdiction where the Proponent does carry on business; and
- (b) be financially capable of carrying out the terms of the Contract;
- (c) have all the necessary experience, capital, organization, and equipment to perform the Services in strict accordance with the terms and provisions of the Contract;
- (d) have or establish and staff an office in Winnipeg for the duration of the Project.

B15.2 The Proponent and any proposed Subconsultant (for the portion of the Services proposed to be subcontracted to them) shall:

- (a) be responsible and not be suspended, debarred or in default of any obligations to the City. A list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/debar.stm>

B15.3 The Proponent and/or any proposed Subconsultant (for the portion of the Services proposed to be subcontracted to them) shall:

- (a) have successfully carried out services for the programming; design, management of construction and contract administration for architectural and/or engineering projects of similar complexity, scope and value; and to those required for this Project; and
- (b) be fully capable of performing the Services required to be in strict accordance with the terms and provisions of the Contract; and
- (c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba);
- (d) have the knowledge and resources to administer the requirements of The Workplace Safety and Health Act (Manitoba) during the construction works associated with this Contract; and
- (e) undertake to meet all licensing and regulatory requirements of the appropriate governing authorities and associations in the Province of Manitoba.
- (f) upon request of the Project Manager, provide the Security Clearances as identified in PART E - SECURITY CLEARANCE.

B15.4 The Proponent shall submit, within three (3) Business Days of a request by the Project Manager, further proof satisfactory to the Project Manager of the qualifications of the Proponent and of any proposed Subconsultant.

B15.5 The Proponent shall provide, on the request of the Project Manager, full access to any of the Proponent's equipment and facilities to confirm, to the Project Manager's satisfaction, that the Proponent's equipment and facilities are adequate to perform the Services.

B16. OPENING OF PROPOSALS AND RELEASE OF INFORMATION

B16.1 Proposals will not be opened publicly.

B16.2 After award of Contract, the names of the Proponents and the Contract amount of the successful Proponent and their address(es) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/>

B16.3 The Proponent is advised any information contained in any Proposal Submission may be released if required by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law or by City policy or procedures (which may include access by members of City Council).

B16.3.1 To the extent permitted, the City shall treat as confidential information, those aspects of a Proposal Submission identified by the Proponent as such in accordance with and by reference to Part 2, Section 17 or Section 18 or Section 26 of The Freedom of Information and Protection of Privacy Act (Manitoba), as amended.

B16.4 Following the award of Contract, a Proponent will be provided with information related to the evaluation of his/her submission upon written request to the Project Manager.

B17. IRREVOCABLE OFFER

B17.1 The Proposal(s) submitted by the Proponent shall be irrevocable for the time period specified in Paragraph 10 of Form A: Proposal.

B17.2 The acceptance by the City of any Proposal shall not release the Proposals of the other responsive Proponents and these Proponents shall be bound by their offers on such Work for the time period specified in Paragraph 10 of Form A: Proposal.

B18. WITHDRAWAL OF OFFERS

B18.1 A Proponent may withdraw his/her Proposal without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.

- B18.1.1 The time and date of receipt of any notice withdrawing a Proposal shall be the time and date of receipt as determined by the Manager of Materials.
- B18.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Proposal or the Proponent's authorized representatives named in Paragraph 12 of Form A: Proposal, and only such person, has authority to give notice of withdrawal.
- B18.1.3 If a Proponent gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:
- (a) retain the Proposal until after the Submission Deadline has elapsed;
 - (b) open the Proposal to identify the contact person named in Paragraph 3 of Form A: Proposal and the Proponent's authorized representatives named in Paragraph 12 of Form A: Proposal; and
 - (c) if the notice has been given by any one of the persons specified in B18.1.3(b), declare the Proposal withdrawn.
- B18.2 A Proponent who withdraws its Proposal after the Submission Deadline but before its offer has been released or has lapsed as provided for in B17.2 shall be liable for such damages as are imposed upon the Proponent by law and subject to such sanctions as the Chief Administrative Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B19. INTERVIEWS

- B19.1 The Project Manager may, in his/her sole discretion, interview Proponents during the evaluation process.

B20. NEGOTIATIONS

- B20.1 The City reserves the right to negotiate details of the Contract with any Proponent. Proponents are advised to present their best offer, not a starting point for negotiations in their Proposal Submission.
- B20.2 The City may negotiate with the Proponents submitting, in the City's opinion, the most advantageous Proposals. The City may enter into negotiations with one or more Proponents without being obligated to offer the same opportunity to any other Proponents. Negotiations may be concurrent and will involve each Proponent individually. The City shall incur no liability to any Proponent as a result of such negotiations.
- B20.3 If, in the course of negotiations pursuant to B20.2, the Proponent amends or modifies a Proposal after the Submission Deadline, the City may consider the amended Proposal as an alternative to the Proposal already submitted without releasing the Proponent from the Proposal as originally submitted.

B21. EVALUATION OF PROPOSALS

- B21.1 Award of the Contract shall be based on the following evaluation criteria:
- (a) compliance by the Proponent with the requirements of the Request for Proposal or acceptable deviation therefrom: (pass/fail)
 - (b) qualifications of the Proponent and the Subconsultants, if any, pursuant to B15: (pass/fail)
 - (c) Fees; (Section B) 25%
 - (d) Experience of Proponent and Subconsultant; (Section C) 15%
 - (e) Experience of Key Personnel Assigned to the Project; (Section D) 25%
 - (f) Project Understanding and Methodology (Section E) 30%
 - (g) Project Schedule. (Section F) 5%

- B21.2 Further to B21.1(a), the Award Authority may reject a Proposal as being non-responsive if the Proposal Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Proposal, or waive technical requirements or minor informalities or irregularities if the interests of the City so require.
- B21.3 Further to B21.1(b), the Award Authority shall reject any Proposal submitted by a Proponent who does not demonstrate, in its Proposal or in other information required to be submitted, that it is responsible and qualified.
- B21.4 Further to B21.1(c), Fees will be evaluated based on Fees submitted in accordance with B8.
- B21.5 Further to B21.1(c) where the Fees exceeds the funds stated in D4.3, the City may determine that no award will be made in accordance with B22.2.1(a).
- B21.6 Further to B21.1(d), Experience of Proponent and Subconsultants will be evaluated considering the experience of the organization on projects of similar size and complexity as well as other information requested, in accordance with B9.
- B21.7 Further to B21.1(e), Experience of Key Personnel Assigned to the Project will be evaluated considering the experience and qualifications of the Key Personnel and Subconsultant personnel on Projects of comparable size and complexity, in accordance with B10
- B21.8 Further to B21.1(f), Project Understanding and Methodology will be evaluated considering your firm's understanding of the City's Project, project management approach and team organization, in accordance with B11.
- B21.9 Further to B21.1(g), Project Schedule will be evaluated considering the Proponent's ability to comply with the requirements of the Project, in accordance with B12.
- B21.10 Notwithstanding B21.1(d) to B21.1(g), where Proponents fail to provide a response to B6.2(a) to B6.2(d), the score of zero may be assigned to the incomplete part of the response.
- B21.11 Proposals will be evaluated considering the information in the Proposal Submission and any interviews held in accordance with B19.

B22. AWARD OF CONTRACT

- B22.1 The City will give notice of the award of the Contract, or will give notice that no award will be made.
- B22.2 The City will have no obligation to award a Contract to a Proponent, even though one or all of the Proponents are determined to be responsible and qualified, and the Proposals are determined to be responsive.
- B22.2.1 Without limiting the generality of B22.2, the City will have no obligation to award a Contract where:
- (a) the prices exceed the available City funds for the Services;
 - (b) the prices are materially in excess of the prices received for similar services in the past;
 - (c) the prices are materially in excess of the City's cost to perform the Services, or a significant portion thereof, with its own forces;
 - (d) only one Proposal is received; or
 - (e) in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.
- B22.3 The Work of this Contract is contingent upon Council approval of sufficient funding in the 2019 Capital Budget. If the Capital Budget approved by Council does not include sufficient funding for the Work, the City will have no obligation to award a Contract.

- B22.4 Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Proponent submitting the most advantageous offer.
- B22.5 The City may, at its discretion, award the Contract in phases.
- B22.6 Notwithstanding Paragraph 6 of Form A: Proposal and C4, the City will issue a Letter of Intent to the successful Proponent in lieu of execution of a Contract.
- B22.6.1 The Contract documents as defined in C1.1(o)(ii) in their entirety shall be deemed to be incorporated in and to form a part of the Letter of Intent notwithstanding that they are not necessarily attached to or accompany said Letter of Intent.
- B22.7 The form of Contract with the City of Winnipeg will be based on the Contract as defined in C1.1(o).
- B22.8 Following the award of Contract, a Proponent will be provided with information related to the evaluation of its Proposal upon written request to the Project Manager.
- B22.9 If, after the award of Contract, the Project is cancelled, the City reserves the right to terminate the Contract. The Consultant will be paid for all Services rendered up to time of termination.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for Consultant Services* (Revision 2017-03-24) are applicable to the Services of the Contract.
- C0.1.1 The *General Conditions for Consultant Services* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm.
- C0.2 A reference in the Request for Proposal to a section, clause or subclause with the prefix “**C**” designates a section, clause or subclause in the *General Conditions for Consultant Services*.

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

D1.1 In addition to the *General Conditions for Consultant Services*, these Supplemental Conditions are applicable to the Services of the Contract.

D2. PROJECT MANAGER

D2.1 The Project Manager is:

Paul Bortoluzzi, C.E.T.

Telephone No. 204 986-2944

Cell No. 204 226-2302

Facsimile No. 204 224-0032

Email Address: pbortoluzzi@winnipeg.ca

D2.2 At the pre-commencement meeting, the Project Manager will identify additional personnel representing the Project Manager and their respective roles and responsibilities for the Services.

D2.3 Proposal Submissions must be submitted to the address in B6.

D3. BACKGROUND

D3.1 The City of Winnipeg has been inspecting its sewer infrastructure since 1998 starting with the combined sewer (CS), followed by the wastewater sewer (WWS), the storm relief sewer (SRS), and just recently the land drainage sewer (LDS) systems.

D4. SCOPE OF SERVICES

D4.1 This Scope of Services identifies the Services required and is to provide a general guideline only. The Consultant will draw upon their expertise and knowledge in sewer condition assessment as well as their knowledge of the City's Sewer Inspection Program and sewer infrastructure to make the appropriate recommendations in their proposal.

D4.2 The Services required under D4.9, D4.12 and D4.13 shall be in accordance with the City's Project Management Manual <http://winnipeg.ca/infrastructure/asset-management-program/templates-manuals.stm#2> and templates <http://winnipeg.ca/infrastructure/asset-management-program/templates-manuals.stm#4>. Notwithstanding the foregoing, the Consultant is being engaged by the City for its professional expertise; the Consultant shall bring to the Project Manager's attention any aspect of the City's Project Management Manual or templates which the Consultant is of the opinion is not consistent with good industry practice.

D4.3 The funds available for this Contract (2019) are \$350,000.00.

D4.4 The Work of this contract consists of consulting services to provide project management, program development, procurement, contract administration, and analytical services for the sewer and manhole cleaning and inspection project (sewer inspections). The sewer inspections project, performed by the Contractor, will be tendered under a separate bid opportunity. The Consultant will perform condition assessment on sewers and manholes inspected by the Contractor.

D4.5 In 2019, the Department requires condition assessment of approximately 112 kilometres of wastewater, combined, storm relief and land drainage sewers, along with their corresponding manholes and control structures located in various locations throughout the City.

- D4.6 The 2019 work includes inspections of all sewers that have previously been inspected in the Assiniboine, River, Selkirk and Syndicate combined sewer districts regardless of Structural Performance Grade to monitor their deterioration, as the original inspections were completed nearly 20 years ago. Finally, aging wastewater, storm relief and land drainage sewers with no previous inspections now require inspection to establish their structural condition.
- D4.7 The required condition assessments in 2019 can be broken down as follows:
- a) 57.7 km of previously inspected combined sewers and manholes which are being inspected as part of the district-wide re-inspections and will be in various states of deterioration;
 - b) 6.9 km of wastewater sewers and manholes which now require inspection due to their age;
 - c) 12.3 km of interceptor sewers and manholes which are inspected routinely due to their high criticality;
 - d) 12.2 km of storm relief sewers and manholes which now require inspection due to their age; and
 - e) 22.7 km of land drainage sewers and manholes which now require inspection due to their age.

These sewers are listed in Appendix A and shown on the location map in Appendix B.

- D4.7 There will be the option of two (2) mutually agreed upon one (1) year extensions.
- D4.7.1 The City may negotiate the extension option with the Consultant within one hundred twenty (120) Calendar Days of December 31st of the current year. The City shall incur no liability to the Consultant as a result of such negotiations.
- D4.7.2 Changes resulting from such negotiations shall become effective upon initiation of the next year's program; changes will not be applied to any year's program currently underway. Changes to the Contract shall not be implemented by the Consultant without written approval by the Project Manager.
- D4.7.3 The two potential one year extensions for 2020 and 2021 will be for condition assessment programs that are expected to be of similar size and scope to the 2019 Contract, but may be adjusted to reflect the lessons learned from previous years. Future programs will depend on available approved capital funds.
- (a) Specific locations will be determined prior to negotiations. However, a general overview of the upcoming years are below:

2020 – Re-inspections district-wide in the Aubrey, Colony, Dumoulin, and Metcalf combined sewer districts. New WWS inspections in Area 9 (NW) where the sewers have reached an average age of 30 years old. SRS inspections in Munroe and Munroe Annex districts where the sewers have reached an average age of 30 years old. LDS inspections in the Crane and St Norbert districts where the sewers have reached an average age of 50 years old.

2021 – Re-inspections district-wide in the Strathmillan, Moorgate, Ferry Road, Riverbend and Jessie combined sewer districts. New WWS inspections in Areas 8.2 and 22 where the sewers have reached an average age of 30 years old. SRS inspections in the Ainslie and Parkdale districts where the sewers have reached an average age of 30 years old. LDS inspections in the Parkdale, Heritage and Ainslie districts where the sewers have reached an average age of 50 years old.
- D4.7.4 Sewer Inspection Guidelines for Consultant Fee Basis
- (a) Pre-cleaning shall be done on all combined, storm relief and land drainage sewers less than 900mm in diameter and all wastewater sewers smaller than 450mm.
 - (b) Large diameter sewers, equal to or greater than 900mm for combined, storm relief or land drainage and equal to or greater than 450mm for wastewater, will be inspected without pre-cleaning except as required.

- (c) The City requires the successful cleaning and inspection Contractor to provide sewer coding for all inspected assets in NASSCO PACP and MACP format.
- (d) An average Contractor inspection rate of 1100m/day should be assumed for estimating purposes. This amount can vary depending on the successful Contractor or type of inspection and size of pipe inspected.

D4.7.5 The annual preliminary budget estimate for the sewer cleaning and inspections bid opportunity and applicable taxes is \$2,500,000.00.

D4.8 Program Management

D4.8.1 The Successful Consultant will be responsible for project reporting and support to the City's Project Manager in accordance with the City of Winnipeg's Project Management Manual and templates.

D4.8.2 Develop, host, and maintain a Microsoft SharePoint site (SharePoint) that is updated on a daily basis at the start and end of each workday, and additionally as required. The Consultant is responsible for providing key project staff (Consultant, Contractor, and City) access to SharePoint. Coordinate and conduct a pre-construction meeting with all relevant parties and provide minutes within seven (7) calendar days of the meeting.

D4.8.3 Arrange for regular bi-weekly job meetings at an agreed location throughout the duration of the project. The meetings are to be attended by the Contract Administrator, or their designate, as well as the Resident Inspector, the Contractor, and the Department's Project Manager. Provide minutes of all site meetings within seven (7) calendar days of the meeting.

D4.8.4 A maximum of 90% of the total fee for the "Project Management" task will be paid prior to the acceptance of the draft summary report. The remaining 10% of the payment will be made upon acceptance of the final summary report.

D4.9 Program Development

D4.9.1 Meet with stakeholders and identify the general strategy for completing the project.

D4.9.2 Review the assets (sewers, manholes, and chambers) to be inspected (Appendix A) and create an Inspection Work Program in InfoAsset Manager and the corresponding inspection work orders.

D4.9.3 Identify errors and omissions in the Work listed in Appendix A and review with the Project Manager.

D4.9.4 Perform a general site investigation and identify any locations with access issues.

D4.9.5 Refine the project schedule.

D4.9.6 A maximum of 90% of the total fee for the "Program Development" task will be paid prior to the acceptance of the draft summary report. The remaining 10% of the payment will be made upon acceptance of the final summary report.

D4.10 Drawing and Bid Document Preparation

D4.10.1 Bid Opportunity documents shall be consistent with past sewer inspection contracts which can be found on the City's Bid Opportunity web site under "Closed Bid Opportunity Information".

D4.10.2 Review the past inspection contracts with stakeholders and refine the contract specifications. Where required, write specifications modifying The City of Winnipeg Standard Construction Specifications CW 2140 and CW 2145 to suit the nature of the Work and to apply lessons learned from past contracts. Known specification additions will include, but not be limited to:

- (a) an amount of miscellaneous hourly 'as-required' cleaning for sewers and manholes;

- (b) an amount of miscellaneous hourly 'as-required' cleaning for other structures. Other structures include: lift stations, control structures, overflow structures, etc.;
 - (c) where possible the inspections shall be carried out from a wheeled or track-driven inspection platform but in areas with high flow or soft debris a floating platform or skid will be required;
 - (d) for some sewers, inspections may need to be carried out at night during low flow conditions or for safety or traffic considerations.
- D4.10.3 Prepare maps (drawings) showing all assets to be inspected labelled with asset numbers and flow direction arrows.
 - (a) Show all lift stations, flow monitor installations, and gate chambers/control structures that may affect or be affected by the Work;
 - (b) Show the locations of all "white-cap hydrants" in the general areas of the sewers to be inspected. The City will provide all GIS data for white-cap hydrants. Water required for the Work will only be taken from these hydrants or any other hydrant as approved by Water Services Division.
- D4.10.4 Include a table of assets to be inspected (Work Program) in MS Excel format.
- D4.10.5 Prepare a pre-tender estimate and provide to the Project Manager. The Project Manager must approve the pre-tender estimate prior to posting the tender.
- D4.10.6 Provide an accurate defensible estimate of costs for liquidated damages including City costs as well (provided by the Project Manager). The Project Manager must approve the estimate of costs for liquidated damages prior to posting the tender.
- D4.10.7 A maximum of 90% of the total fee for the "Drawing and Bid Document Preparation" task will be paid prior to the acceptance of the draft summary report. The remaining 10% of the payment will be made upon acceptance of the final summary report.
- D4.11 Procurement Process
 - D4.11.1 Review bid submissions for completeness and prepare bid tabulation.
 - D4.11.2 Review Low Bidder qualifications.
 - (a) Perform a complete review of the Low Bidders qualifications to determine if they are capable of performing the Work under the terms of the contract.
 - (b) Conduct a pre-award meeting if required.
 - D4.11.3 Make a recommendation of award to the Project Manager.
 - D4.11.4 A maximum of 90% of the total fee for the "Procurement Process" task will be paid prior to the acceptance of the draft summary report. The remaining 10% of the payment will be made upon acceptance of the final summary report.
- D4.12 Contract Administration Services
 - D4.12.1 Non-Resident
 - (a) Process monthly contract progress estimates in a timely fashion in accordance with the General Conditions of The City of Winnipeg Standard Construction Specifications.
 - (b) Provide a detailed monthly "cost to complete" report. This report is to include the actual costs to date, plus projected costs to complete the contract including allowances for any unforeseen costs. The report will identify any expected budget overruns or surpluses.
 - (c) Monitor project progress and ensure all items of Work are completed within the terms of the contract.
 - (d) Ensure the Contractor submits the inspections and data files to the Consultant on a weekly basis for the previous week's work.

- (e) Determine the dates of any required Critical Stages along with Substantial and Total Performance and complete the corresponding Certificates.
- (f) Look for and document locations of dry weather overflows in all SRS pipes. The Consultant will notify the Project Manager immediately upon encountering such locations.
- (g) Look for and document locations of infiltration and inflow (I & I) in all sewers. The Consultant will notify the Project Manager immediately upon encountering locations of I & I.
- (h) Information provided by the Consultant on SharePoint will include, but not be limited to: Project Records, Notices to Residents, Resident Complaints, Emergency Repair Details, White-Cap Hydrant Locations, and Project Progress Details.
- (i) Ensure that InfoAsset Manager is updated on a regular basis throughout the duration of the project.
 - (i) Where inspections could not be completed in full, ensure the comments field in the inspection window shows details of the Survey Abandoned (SA) along with the percent of obstruction – i.e. SA, Debris 40%.
 - (ii) Where inspections could not be obtained, update the asset comments field in InfoAsset Manager with the reasons why. If maintenance is required to obtain the inspections, create the corresponding work orders in InfoAsset Manager.
- (j) For asset inspections that could not be attempted or completed;
 - (i) Update SharePoint with the reasons why they could not. These reasons are to be provided by the Resident Inspector and the Contractor.
 - (ii) Update InfoAsset Manager accordingly to reflect these locations.
- (k) A maximum of 90% of the total fee for the “Non-Resident Contract Administration Services” task will be paid prior to the acceptance of the draft summary report. The remaining 10% of the payment will be made upon acceptance of the final summary report.

D4.12.2 Resident

- (a) Personnel experienced in sewer inspection are to be provided for continuous on-site inspection of the Work.
- (b) Monitor the activities of the Contractor to ensure:
 - (i) project schedules are being realized;
 - (ii) traffic control is in accordance with City specifications;
 - (iii) damage to private property is addressed;
 - (iv) contract requirements and specifications are being met;
 - (v) residential notices are being delivered on time;
 - (vi) site safety is in accordance with Provincial Regulations.
- (c) Review video inspections on-site for adherence to the specifications.
 - (i) perform Quality Assurance / Quality Control (Qa/Qc) in the field and perform random resolution tests of captured video;
 - (ii) ensure that video is submitted to the Department for consideration of emergency repairs in a timely manner.
- (d) Update the Water and Waste Department’s Asset Management Branch of the addresses where notices have been delivered at the beginning of each working day and provide daily updates of completed locations.
- (e) Coordinate with the Wastewater Services Division when working at or near lift stations, flow meters and overflow structures.
- (f) Coordinate with the Water Services Division for hydrant approval and monitor hydrant operation by the Contractor to ensure conformance with City requirements. Ensure that only personnel trained by Water Services operate hydrants.

- (g) Provide Weekly Project Reports to the Department's Project Manager identifying, but not limited to the following: days worked, progress, days lost due to weather conditions, project concerns, material, personnel, equipment employed by the Contractor, and Work completed. Provide Weekly Reports no later than the following Wednesday.
- (h) Monitor all damage to private property, including basement flooding, caused by the Contractor and:
 - (i) ensure that acceptable repairs are made to the satisfaction of the homeowner and the Department;
 - (ii) ensure that the Contractor submits a report for every incidence of property damage describing all actions taken and copies of agreements made;
 - (iii) take before and after photographs (digital) of all damage.
- (i) Make and submit GIS Error Reports to the City for any gross errors between records and actual field measurements.
 - (i) on the day the error is discovered, update SharePoint with the details;
 - (ii) prepare a GIS Error Report and submit with the Weekly Report.
- (j) Track all pay-item quantities and obtain confirmation and signature from the Contractor on a daily basis.
- (k) For asset inspections that could not be attempted or completed;
 - (i) record the reasons why they could not be attempted or completed for the purpose of updating SharePoint. Common reasons include, but are not limited to, excessive debris, access issues, flow conditions, etc.
- (l) A maximum of 90% of the total fee for the "Resident Contract Administration Services" task will be paid prior to the acceptance of the draft summary report. The remaining 10% of the payment will be made upon acceptance of the final summary report.

D4.13 Analytical Services

- (a) Beginning in 2019, the City will use software by Innovyze, specifically InfoAsset Manager, to manage its sewer assets. This is a purpose-built Infrastructure Management System for wastewater collection and land drainage networks to aid in day-to-day operational management as well as long-term network planning. InfoAsset Manager will be used by the Consultant for performing condition assessment. The Consultant is responsible for obtaining the necessary licenses for the product; associated costs will not be covered under this contract.
- (b) Only personnel with extensive experience and knowledge in sewer construction techniques, identification of failure modes of various pipe materials, and rehabilitation methods currently used by the Department, will assign SPG ratings and work orders under this contract.
- (c) Only personnel with current and valid NASSCO PACP and MACP certification can perform this Work. Copies of the certificates must be submitted to the City's Project Manager before working on this project.
- (d) Only personnel listed in the proposal can perform this Work. Any additional staff must be proposed to, and approved by the City's Project Manager before working on this Project.
- (e) Perform Quality Assurance / Quality Control (Qa/Qc) to industry and Departmental standards on 10% of the submitted NASSCO PACP and MACP raw coded data.
- (f) Input inspection data received from the Contractor into InfoAsset Manager for evaluation.
- (g) Ensure that inspections with temporary ID's are assigned to the proper asset number once GIS corrections are made.
- (h) Perform Quality Assurance / Quality Control (Qa/Qc) to industry and Departmental standards for SPG evaluations and work order assignments.

- (i) Perform a cursory review of all sewer and manhole inspections provided by the Contractor for conformance to the specifications.
 - (i) Cursory review to be completed within five (5) working days of any video inspection being submitted by the Contractor.
- (j) Review the Internal Condition Grade (ICG) and assign/update the actual Structural Performance Grade (SPG) in InfoAsset Manager for all assets.
- (k) Perform a complete review of all sewer and manhole inspections with an SPG value of 3, 4, or 5, and enter work orders in InfoAsset Manager identifying the appropriate rehabilitation strategy.
 - (i) SPG assignments must be assigned to the entire asset based on the likelihood of failure at any one location or on the entire asset (sewers and manholes), whichever is greater.
 - (ii) SPG assignments must be based on structural defects that exist within the asset.
 - (iii) For assets that have previously been inspected and assigned SPG values, re-evaluate the SPG. Assign/update the SPG based on structural defects that exist within the asset in the most current inspection. All corresponding work orders should be reviewed and updated where required in relation to current rehabilitation methods and trends. Notify the Project Manager of all assets with 'pending' work orders.
- (l) A maximum of 90% of the total fee for the "Analytical Services" task will be paid prior to the acceptance of the draft summary report. The remaining 10% of the payment will be made upon acceptance of the final summary report.

D4.14 Summary Report

- D4.14.1 Provide a draft Summary Report discussing the overall condition of the sewers and manholes inspected and identify any areas of concern. Provide two (2) hard copies and one (1) digital copy of the draft report to the Project Manager in accordance with the Critical Stages listed in D9. Draft report will, at a minimum include:
 - (a) In graph and tabular form, summarize the overall condition of SPG values by length and segment count for all inspection types (i.e. inspections, re-inspections, trunk sewers, and interceptors) included in this program.
 - (b) Report on changes in SPG values between the current inspections and the previous inspections, where applicable, including factors affecting the changes.
 - (c) Provide a summary of assets where inspections were not possible and reasons why inspections were not completed.
 - (d) Provide a summary of assets that required GIS Error Reports.
 - (e) Provide a summary of manhole assets with weirs, including depths and other relevant details.
 - (f) Provide a summary of rehabilitation work type for each inspection type (i.e. inspections, re-inspections, trunk sewers, and interceptors) included in this program.
 - (g) Include a discussion of lessons learned and recommendations for future sewer inspection and condition assessment contracts.
- D4.14.2 Incorporate City review comments into a final report. Provide four (4) hard copies and one (1) digital copy of the final report to the Project Manager in accordance with the Critical Stages listed in D10.
- D4.14.3 Hand deliver (in person) all DVD and two (2) hard drive inspection media to the Project Manager.
- D4.14.4 The Consultant shall provide a final presentation of the results, along with lessons learned, following the completion of the Summary Report.
- D4.14.5 Payment for the summary report document will be as follows:

- (a) 50% upon acceptance of the Draft Report;
- (b) 50% upon acceptance of the Final Report and Final Presentation.

D4.15 NASSCO Certification Training

D4.15.1 The Consultant shall arrange to provide NASSCO PACP and MACP certification training for up to seven (7) City of Winnipeg staff.

- (a) For the purpose of bidding, assume that the City will provide a training facility complete with computers. The Consultant will provide all other training materials required.
- (b) Provide a per person training cost for additional attendees.

D4.15.2 NASSCO certification training will only be part of the Year 1 contract and is not expected to be required in either of the two possible extensions of this contract.

D5. DEFINITIONS

D5.1 When used in this Request for Proposal:

- (a) " **NASSCO**" means National Association of Sewer Service Companies;
- (b) " **PACP**" means Pipeline Assessment and Certification Program;
- (c) " **MACP**" means Manhole Assessment and Certification Program;

SUBMISSIONS

D6. AUTHORITY TO CARRY ON BUSINESS

D6.1 The Consultant shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Consultant does not carry on business in Manitoba, in the jurisdiction where the Consultant does carry on business, throughout the term of the Contract, and shall provide the Project Manager with evidence thereof upon request.

D7. INSURANCE

D7.1 The Consultant shall procure and maintain, at its own expense and cost, insurance policies with limits no less than those shown below.

D7.2 As a minimum, the Consultant shall, without limiting its obligations or liabilities under any other contract with the City, procure and maintain, at its own expense and cost, the following insurance policies:

- (a) Comprehensive or Commercial General Liability Insurance including:
 - (i) an inclusive limit of not less than \$2,000,000 for each occurrence or accident with a minimum \$2,000,000 Products and Completed Operations aggregate and \$5,000,000 general aggregate;
 - (ii) all sums which the Consultant shall become legally obligated to pay for damages because of bodily injury (including death at any time resulting therefrom) sustained by any person or persons or because of damage to or destruction of property caused by an occurrence or accident arising out of or related to the Services or any operations carried on in connection with this Contract;
 - (iii) coverage for Products/Completed Operations, Blanket Contractual, Consultant's Protective, Personal Injury, Contingent Employer's Liability, Broad Form Property Damage, Employees as Additional Insureds, and Non-Owned Automobile Liability;
 - (iv) a Cross Liability clause and/or Severability of Interest clause providing that the inclusion of more than one Insured shall not in any way affect the rights of any other

Insured hereunder in respect to any claim, demand, suit or judgment made against any other Insured;

- (b) if applicable, Automobile Liability Insurance covering all motor vehicles, owned and operated and used or to be used by the Consultant directly or indirectly in the performance of the Service. The limit of liability shall not be less than \$2,000,000 inclusive for loss or damage including personal injuries and death resulting from any one accident or occurrence.
- (c) Professional Errors and Omissions Liability Insurance including:
 - (i) an amount not less than \$ 5,000,000 . per claim and \$ 5,000,000 in the aggregate.

- D7.2.1 The Consultant's Professional Errors and Omissions Liability Insurance shall remain in force for the duration of the Project and for twelve (12) months after total performance.
- D7.3 The policies required in D7.2(a) shall provide that the City is named as an Additional Insured thereunder and that said policies are primary without any right of contribution from any insurance otherwise maintained by the City.
- D7.4 The Consultant shall require each of its Subconsultants to provide comparable insurance to that set forth under D7.2(a) and D7.2(c).
- D7.5 The Consultant shall provide the Project Manager with a certificate(s) of insurance for itself and for all of its Subconsultants, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement of any Services, but in no event later than the date specified in C4.1 for the return of the executed Contract. Such certificates shall state the exact description of the Services and provide for written notice in accordance with D7.8.
- D7.6 The Consultant may take out such additional insurance as it may consider necessary and desirable. All such additional insurance shall be at no expense to the City.
- D7.7 All insurance, which the Consultant is required to obtain with respect to this Contract, shall be with insurance companies registered in and licensed to underwrite such insurance in the Province of Manitoba.
- D7.8 The Consultant shall not cancel, materially alter, or cause any policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the City.

SCHEDULE OF SERVICES

D8. COMMENCEMENT

- D8.1 The Consultant shall not commence any Services until it is in receipt of a notice of award from the City authorizing the commencement of the Services.
- D8.2 The Consultant shall not commence any Services until:
 - (a) the Project Manager has confirmed receipt and approval of:
 - (i) evidence of authority to carry on business specified in D6;
 - (ii) evidence of the insurance specified in D7;
 - (b) the Consultant has attended a meeting with the Project Manager, or the Project Manager has waived the requirement for a meeting.
- D8.3 The City intends to award this Contract by March 8, 2019.

D9. CRITICAL STAGES

- D9.1 The Consultant shall achieve critical stages of the Services for this Contract in accordance with the following requirements:

- (a) The City intends to award this contract by March 8, 2019.
- (b) Close Sewer Inspection Bid Opportunity and make recommendation for award by May 31, 2019.
- (c) Inspection work to commence by July 15, 2019
- (d) All inspection work must be completed by January 31, 2020.
- (e) Complete all analytical no later than February 14, 2020.
- (f) Submit Summary Report no later than March 21, 2020, unless otherwise agreed to by the Project Manager.

PART E - SECURITY CLEARANCE

E1. SECURITY CLEARANCE

- E1.1 Each individual proposed to perform the following portions of the Work:
- (a) any Work on private property;
 - (b) any Work within City facilities other than:
 - (i) an underground structure such as a manhole;
 - (ii) in areas and at times normally open to the public;
 - (c) communicating with residents and homeowners in person or by telephone;
- E1.1.1 Each Individual shall be required to obtain a Police Information Check from the police service having jurisdiction at his/her place of residence. Or
- (a) BackCheck, forms to be completed can be found on the website at: <http://www.backcheck.net/>; or
 - (b) Commissionaires (Manitoba Division), forms to be completed can be found on the website at: <https://www.commissionaires.ca/en/manitoba/home>; or
 - (c) FASTCHECK Criminal Record & Fingerprint Specialists, forms to be completed can be found on the website at: <https://myfastcheck.com>
- E1.2 The following is a link to information for obtaining the Police Information Check from the City of Winnipeg Police Service. <http://winnipeg.ca/police/pr/PIC.stm>
- E1.2.1 The Police Information Check shall include a Vulnerable Sector Screening. This can be obtained by following the link below <http://winnipeg.ca/police/pr/PIC.stm>
- (a) Individuals will need to state in the form, that they may be working in City of Winnipeg pools, libraries and community centres;
- E1.2.2 The original Police Information Check (Form P-612) will be provided by the Winnipeg Police Service to the individual applicant. The original has a validation sticker from the Winnipeg Police Service in the top right hand corner. The applicant shall:
- (a) Provide the original Police Information Check (Form P-612) to the Project Manager.
- E1.3 Prior to the award of Contact, and during the term of the Contract if additional or replacement individuals are proposed to perform Work, the Contractor shall supply the Project Manager with a Police Information Check obtained not earlier than one (1) year prior to the Submission Deadline, or a certified true copy thereof, for each individual proposed to perform such Work.
- E1.4 Any individual for whom a Police Information Check is not provided, or for whom a Police Information Check indicates any convictions or pending charges related to property offences or crimes against another person will not be permitted to perform any Work specified in E1.1.
- E1.5 Any Police Information Check obtained thereby will be deemed valid for the duration of the Contract subject to a repeated records search as hereinafter specified.
- E1.6 Notwithstanding the foregoing, at any time during the term of the Contract, the City may, at its sole discretion and acting reasonably, require an updated Police Information Check. Any individual who fails to provide a satisfactory Police Information Check as a result of a repeated Police Information Check will not be permitted to continue to perform any Work specified in E1.1.

APPENDIX A – SEWER INSPECTIONS

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
INTERCEPTOR	S-MA60016712	S-MH60014378	0	S-MH60014402	0	WWS	1350	304.25	CONCRETE	5.393	AREA 11
INTERCEPTOR	S-MA60016713	S-MH60014379	0	S-MH60014378	0	WWS	1350	434.09	CONCRETE	10.455	AREA 11
INTERCEPTOR	S-MA60016744	S-MH60014402	0	S-MH60014412	0	WWS	1350	331.92	CONCRETE	9.297	AREA 11
INTERCEPTOR	S-MA60016777	S-MH60014412	0	S-MH60014413	0	WWS	1350	74.65	CONCRETE	231.653	AREA 11
INTERCEPTOR	S-MA60020591	S-MH60014413	0	S-MH60017761	0	WWS	1350	106.05	CONCRETE	232.392	AREA 11
INTERCEPTOR	S-MA60020592	S-MH60017761	0	S-MH70040822	0	WWS	1350	56.64	CONCRETE	11.182	AREA 11
INTERCEPTOR	S-MA70127799	S-MH70040822	0	S-MH60017762	0	WWS	1350	6.49	CONCRETE	10.92	AREA 11
INTERCEPTOR	S-MA50006831	S-MH50005840	0	S-MH50005841	0	WWS	750	95.6	CONCRETE	10.671	AREA 22
INTERCEPTOR	S-MA50006832	S-MH50005841	0	S-MH50005834	0	WWS	750	90.9	CONCRETE	11.045	AREA 22
INTERCEPTOR	S-MA50006868	S-MH50005875	0	S-MH50005840	0	WWS	750	93.62	*UNKNOWN	10.523	AREA 22
INTERCEPTOR	S-MA50006869	S-MH50005876	0	S-MH50005877	0	WWS	750	93	CONCRETE	9.185	AREA 22
INTERCEPTOR	S-MA50006870	S-MH50005877	0	S-MH50005878	0	WWS	750	107.11	CONCRETE	9.7	AREA 22
INTERCEPTOR	S-MA50006871	S-MH50005878	0	S-MH50005879	0	WWS	750	102.41	CONCRETE	9.7	AREA 22
INTERCEPTOR	S-MA50006872	S-MH50005879	0	S-MH50005880	0	WWS	750	87.43	CONCRETE	10.051	AREA 22
INTERCEPTOR	S-MA50006873	S-MH50005880	0	S-MH50005881	0	WWS	750	109.84	CONCRETE	10.54	AREA 22
INTERCEPTOR	S-MA50006874	S-MH50005881	0	S-MH50005882	0	WWS	750	82.58	CONCRETE	10.55	AREA 22
INTERCEPTOR	S-MA70016016	S-MH50005882	0	S-MH50005875	0	WWS	750	7.44	CONCRETE	232.863	AREA 22
INTERCEPTOR	S-MA70016016	S-MH50005882	0	S-MH50005875	0	WWS	750	7.44	CONCRETE	232.863	AREA 22
INTERCEPTOR	S-MA70016016	S-MH50005882	0	S-MH50005875	0	WWS	750	7.44	CONCRETE	232.863	AREA 22
INTERCEPTOR	S-MA70016016	S-MH50005882	0	S-MH50005875	0	WWS	750	7.44	CONCRETE	232.863	AREA 22
INTERCEPTOR	S-MA70016016	S-MH50005882	0	S-MH50005875	0	WWS	750	7.44	CONCRETE	232.863	AREA 22
INTERCEPTOR	S-MA70045618	S-MH70019258	0	S-MH70019259	0	WWS	750	139.24	CONCRETE	8.76	AREA 22
INTERCEPTOR	S-MA70045619	S-MH70019259	0	S-MH70019260	0	WWS	750	146.9	CONCRETE	8.879	AREA 22
INTERCEPTOR	S-MA70045620	S-MH70019260	0	S-MH50005876	0	WWS	750	151.26	CONCRETE	8.854	AREA 22
INTERCEPTOR	S-MA50006825	S-MH50005834	0	S-MH50005835	0	WWS	900	69	CONCRETE	11.075	AREA 22.1
INTERCEPTOR	S-MA50006828	S-MH50005837	0	S-MH50005838	0	WWS	900	106.1	CONCRETE	11.066	AREA 22.1
INTERCEPTOR	S-MA50006829	S-MH50005838	0	S-MH50005839	0	WWS	900	106.9	CONCRETE	10.763	AREA 22.1
INTERCEPTOR	S-MA50007345	S-MH50005839	0	S-MH50006289	0	WWS	900	113.7	CONCRETE	10.773	AREA 22.1
INTERCEPTOR	S-MA50007346	S-MH50006289	0	S-MH50006290	0	WWS	900	118	CONCRETE	10.794	AREA 22.1
INTERCEPTOR	S-MA50007347	S-MH50006290	0	S-MH50006291	0	WWS	900	76.9	CONCRETE	10.794	AREA 22.1
INTERCEPTOR	S-MA50007348	S-MH50006291	0	S-MH50006292	0	WWS	900	148.7	CONCRETE	11.309	AREA 22.1
INTERCEPTOR	S-MA70007947	S-MH50005835	0	S-MH50005836	0	WWS	900	107.75	CONCRETE	11.012	AREA 22.1
INTERCEPTOR	S-MA70019304	S-MH50005836	0	S-TE70009017	0	WWS	900	41.93	CONCRETE	10.98	AREA 22.1
INTERCEPTOR	S-MA70019305	S-TE70009017	0	S-MH50005837	0	WWS	900	64.74	CONCRETE	10.98	AREA 22.1
INTERCEPTOR	S-MA70045658	S-MH70019294	0	S-MH70019295	0	WWS	750	37.99	CONCRETE	7.948	AREA 22.3
INTERCEPTOR	S-MA70045659	S-MH70019295	0	S-MH70019296	0	WWS	750	59.95	CONCRETE	8.038	AREA 22.3
INTERCEPTOR	S-MA70130232	S-MH70065055	0	S-MH70019294	0	WWS	750	52.24	CONCRETE	7.92	AREA 22.3
INTERCEPTOR	S-MA70130233	S-MH70065056	0	S-MH70065055	0	WWS	750	194.42	CONCRETE	8.32	AREA 22.3
INTERCEPTOR	S-MA70130234	S-MH70065057	0	S-MH70065056	0	WWS	750	183.41	CONCRETE	8.51	AREA 22.3
INTERCEPTOR	S-MA70130235	S-MH70065058	0	S-MH70065057	0	WWS	600	154.88	CONCRETE	8.51	AREA 22.3
INTERCEPTOR	S-MA70130236	S-MH70065059	0	S-MH70065058	0	WWS	600	204.49	CONCRETE	8.02	AREA 22.3
INTERCEPTOR	S-MA70130237	S-MH70065060	0	S-MH70065059	0	WWS	600	42.82	CONCRETE	8.02	AREA 22.4
INTERCEPTOR	S-MA70130238	S-MH70065061	0	S-MH70065060	0	WWS	600	202.99	CONCRETE	7.8	AREA 22.4
INTERCEPTOR	S-MA70130239	S-MH70065062	0	S-MH70065061	0	WWS	600	186.46	CONCRETE	7.865	AREA 22.4
INTERCEPTOR	S-MA70130240	S-MH70065063	0	S-MH70065062	0	WWS	600	12.65	CONCRETE	7.865	AREA 22.4
LDS	S-MA60004160	S-MH60004922	0	S-MH60003368	0	LDS	450	66.75	CONCRETE	4.224	AREA 3
LDS	S-MA60004163	S-MH60004926	0	S-MH60003389	0	LDS	300	49.65	CONCRETE	3.483	AREA 3

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
LDS	S-MA60004166	S-MH60003051	0	S-MH60002990	0	LDS	1050	123.92	CONCRETE	3.793	AREA 3
LDS	S-MA60004167	S-MH60003199	0	S-MH60003004	0	LDS	900	95.86	CONCRETE	3.97	AREA 3
LDS	S-MA60004168	S-MH60003326	0	S-MH60002998	0	LDS	750	101.95	CONCRETE	3.73	AREA 3
LDS	S-MA60004169	S-MH60003301	0	S-MH60002990	0	LDS	900	96.95	CONCRETE	3.663	AREA 3
LDS	S-MA60004185	S-MH60002998	0	S-MH60003086	0	LDS	1200	96.28	CONCRETE	4.22	AREA 3
LDS	S-MA60004190	S-MH60002990	0	S-MH60003003	0	LDS	1200	90.51	CONCRETE	3.943	AREA 3
LDS	S-MA60004191	S-MH60003003	0	S-MH60002998	0	LDS	1200	17.66	CONCRETE	3.93	AREA 3
LDS	S-MA60004192	S-MH60003049	0	S-MH60003003	0	LDS	450	55.08	CONCRETE	2.641	AREA 3
LDS	S-MA60004193	S-MH60003004	0	S-MH60003011	0	LDS	900	96.93	CONCRETE	4.312	AREA 3
LDS	S-MA60004194	S-MH60003005	0	S-MH60003010	0	LDS	750	99.89	CONCRETE	3.594	AREA 3
LDS	S-MA60004197	S-MH60003032	0	S-MH60003010	0	LDS	600	99.48	CONCRETE	3.394	AREA 3
LDS	S-MA60004198	S-MH60003011	0	S-MH60003010	0	LDS	900	133.22	CONCRETE	6.204	AREA 3
LDS	S-MA60004203	S-MH60003010	0	S-MH60003051	0	LDS	1050	104.59	CONCRETE	3.724	AREA 3
LDS	S-MA60004207	S-MH60003034	0	S-MH60003011	0	LDS	600	98.69	CONCRETE	4.312	AREA 3
LDS	S-MA60004211	S-MH60003020	0	S-MH60003021	0	LDS	450	99.67	CONCRETE	3.29	AREA 3
LDS	S-MA60004212	S-MH60003021	0	S-MH60003065	0	LDS	600	99.97	CONCRETE	3.25	AREA 3
LDS	S-MA60004213	S-MH60003022	0	S-MH60003020	0	LDS	450	87.48	CONCRETE	3.29	AREA 3
LDS	S-MA60004219	S-MH60003026	0	S-MH60003032	0	LDS	600	95.4	CONCRETE	3.34	AREA 3
LDS	S-MA60004221	S-MH60003027	0	S-MH60003034	0	LDS	600	93.57	CONCRETE	3.664	AREA 3
LDS	S-MA60004231	S-MH60003059	0	S-MH60003040	0	LDS	300	95.1	CONCRETE	1.853	AREA 3
LDS	S-MA60004232	S-MH60003058	0	S-MH60003041	0	LDS	375	64.54	*UNKNOWN	1.676	AREA 3
LDS	S-MA60004235	S-MH60003041	0	S-MH60003044	0	LDS	375	67.21	*UNKNOWN	1.862	AREA 3
LDS	S-MA60004240	S-MH60003040	0	S-MH60003049	0	LDS	375	89.92	CONCRETE	2.074	AREA 3
LDS	S-MA60004242	S-MH60003044	0	S-MH60003051	0	LDS	375	42.58	*UNKNOWN	2.136	AREA 3
LDS	S-MA60004250	S-MH60003065	0	S-MH60003063	0	LDS	600	91.14	CONCRETE	3.02	AREA 3
LDS	S-MA60004252	S-MH60003063	0	S-MH60003064	0	LDS	600	85.95	CONCRETE	3.186	AREA 3
LDS	S-MA60004253	S-MH60003064	0	S-MH60003094	0	LDS	600	106.07	CONCRETE	3.561	AREA 3
LDS	S-MA60004254	S-MH60003100	0	S-MH60003067	0	LDS	375	91.68	CONCRETE	1.583	AREA 3
LDS	S-MA60004256	S-MH60003390	0	S-MH60003090	0	LDS	450	56.94	CONCRETE	5.382	AREA 3
LDS	S-MA60004273			S-MH60003123	0	LDS	2400	120.7	CONCRETE		AREA 3
LDS	S-MA60004276	S-MH60003086	0			LDS	1200	102.85	CONCRETE	3.435	AREA 3
LDS	S-MA60004279	S-MH60003067	0	S-MH60003086	0	LDS	450	50.83	CONCRETE	2.109	AREA 3
LDS	S-MA60004280	S-MH60003090	0			LDS	1200	111.64	CONCRETE	5.612	AREA 3
LDS	S-MA60004287	S-MH60003094	0	S-MH60003096	0	LDS	750	65.23	CONCRETE	3.749	AREA 3
LDS	S-MA60004288	S-MH60003096	0	S-MH60003095	0	LDS	750	40.54	CONCRETE	4.023	AREA 3
LDS	S-MA60004291	S-MH60003103	0	S-MH60003100	0	LDS	375	89	CONCRETE	1.583	AREA 3
LDS	S-MA60004319	S-MH70059295	0	S-MH60003090	0	LDS	1200	61.09	CONCRETE	5.672	AREA 3
LDS	S-MA60004353	S-MH60003151	0	S-MH60003251	0	LDS	375	105.4	CONCRETE	2.235	AREA 3
LDS	S-MA60004378	S-MH60003175	0	S-MH60003188	0	LDS	750	110.34	CONCRETE	3.837	AREA 3
LDS	S-MA60004382	S-MH60003179	0	S-MH60003175	0	LDS	600	106.74	CONCRETE	3.09	AREA 3
LDS	S-MA60004384	S-MH60003181	0	S-MH60003183	0	LDS	450	88.3	CONCRETE	2.651	AREA 3
LDS	S-MA60004386	S-MH60003183	0	S-MH60003179	0	LDS	450	91.78	CONCRETE	2.983	AREA 3
LDS	S-MA60004391	S-MH60003188	0	S-MH60003190	0	LDS	750	15.42	CONCRETE	3.84	AREA 3
LDS	S-MA60004395	S-MH60003190	0	S-MH60003193	0	LDS	750	96.01	CONCRETE	3.89	AREA 3
LDS	S-MA60004398	S-MH60003193	0	S-MH60003199	0	LDS	900	95.86	CONCRETE	3.834	AREA 3
LDS	S-MA60004407	S-MH60003204	0	S-MH60003218	0	LDS	450	73.15	CONCRETE	3.021	AREA 3
LDS	S-MA60004409	S-MH60003205	0	S-MH60003204	0	LDS	450	60.96	CONCRETE	3.02	AREA 3

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
LDS	S-MA60004413	S-MH60003209	0	S-MH60003205	0	LDS	450	131.06	CONCRETE	2.806	AREA 3
LDS	S-MA60004416	S-MH60003212	0	S-MH60003214	0	LDS	300	42.06	CONCRETE	2.251	AREA 3
LDS	S-MA60004419	S-MH60003214	0	S-MH60003209	0	LDS	375	87.78	CONCRETE	2.637	AREA 3
LDS	S-MA60004422	S-MH60003218	0	S-MH60003222	0	LDS	600	94.49	CONCRETE	2.98	AREA 3
LDS	S-MA60004428	S-MH60003222	0	S-MH60003227	0	LDS	750	95.71	CONCRETE	3.629	AREA 3
LDS	S-MA60004433	S-MH60003227	0	S-MH60003005	0	LDS	750	96.01	CONCRETE	3.629	AREA 3
LDS	S-MA60004448	S-MH60003242	0	S-MH60003282	0	LDS	300	186.41	*UNKNOWN	233.658	AREA 3
LDS	S-MA60004452	S-MH60003245	0	S-MH60003259	0	LDS	600	89.46	CONCRETE	2.844	AREA 3
LDS	S-MA60004454	S-MH60003280	0	S-MH60003251	0	LDS	375	109.3	CONCRETE	2.198	AREA 3
LDS	S-MA60004459	S-MH60003251	0	S-MH60003256	0	LDS	600	80.95	CONCRETE	2.4	AREA 3
LDS	S-MA60004462	S-MH60003256	0	S-MH60003245	0	LDS	600	90.4	CONCRETE	2.77	AREA 3
LDS	S-MA60004465	S-MH60003259	0	S-MH60003265	0	LDS	600	122.95	CONCRETE	2.842	AREA 3
LDS	S-MA60004483	S-MH60003276	0	S-MH60003283	0	LDS	300	91.44	CONCRETE	2.644	AREA 3
LDS	S-MA60004488	S-MH60003282	0	S-MH60003310	0	LDS	375	125.88	CONCRETE	3.182	AREA 3
LDS	S-MA60004489	S-MH60003283	0	S-MH60003282	0	LDS	300	101.92	CONCRETE	2.653	AREA 3
LDS	S-MA60004491	S-MH60003297	0	S-MH60003301	0	LDS	900	97.54	CONCRETE	3.875	AREA 3
LDS	S-MA60004493	S-MH60003286	0	S-MH60003297	0	LDS	900	96.93	CONCRETE	3.54	AREA 3
LDS	S-MA60004506	S-MH60003302	0	S-MH60003326	0	LDS	750	96.93	CONCRETE	3.73	AREA 3
LDS	S-MA60004513	S-MH60003309	0	S-MH60003302	0	LDS	750	92.96	CONCRETE	3.364	AREA 3
LDS	S-MA60004514	S-MH60003310	0	S-MH60003320	0	LDS	600	127.19	CONCRETE	3.182	AREA 3
LDS	S-MA60004524	S-MH60003320	0	S-MH60003309	0	LDS	600	96.62	CONCRETE	3.05	AREA 3
LDS	S-MA60004545	S-MH60003339	0	S-MH60003343	0	LDS	300	101.19	CONCRETE	2.081	AREA 3
LDS	S-MA60004546	S-MH60003343	0	S-MH60003344	0	LDS	300	71.41	CONCRETE	2.226	AREA 3
LDS	S-MA60004549	S-MH60003344	0	S-TE60001458		LDS	450	120.96	*UNKNOWN	2.2	AREA 3
LDS	S-MA60004552	S-MH60003349	0	S-MH60003352	0	LDS	300	98.49	*UNKNOWN	1.889	AREA 3
LDS	S-MA60004554	S-MH60003352	0	S-MH60003344	0	LDS	375	99.02	*UNKNOWN	2.058	AREA 3
LDS	S-MA60004563	S-MH60003359	0	S-TE60001458		LDS	2400	109.19	CONCRETE	6.455	AREA 3
LDS	S-MA60004564	S-MH60004907	0	S-MH60003359	0	LDS	600	112.83	CONCRETE	4.915	AREA 3
LDS	S-MA60004567	S-MH60003363	0	S-MH60003359	0	LDS	2400	78.02	CONCRETE	6.548	AREA 3
LDS	S-MA60004568	S-MH60004895	0	S-MH60003366	0	LDS	750	83.67	CONCRETE	5.327	AREA 3
LDS	S-MA60004569	S-TE60001450		S-MH60003363	0	LDS	2400	14.02	CONCRETE		AREA 3
LDS	S-MA60004570	S-MH60003366	0	S-TE60001450		LDS	750	4.27	CONCRETE	5.145	AREA 3
LDS	S-MA60004575	S-MH60003368	0	S-MH60003389	0	LDS	450	62.62	CONCRETE	4.253	AREA 3
LDS	S-MA60004576	S-MH60003369	0			LDS	2100	210.26	CONCRETE	6.59	AREA 3
LDS	S-MA60004582	S-MH60003375	0	S-MH60003369	0	LDS	2100	123.73	CONCRETE	6.59	AREA 3
LDS	S-MA60004584	S-MH60004917	0	S-MH60003375	0	LDS	525	111.68	CONCRETE	4.376	AREA 3
LDS	S-MA60004591	S-TE60001458		S-MH60003375	0	LDS	2400	211.73	CONCRETE		AREA 3
LDS	S-MA60004595	S-MH60003389	0	S-MH60003390	0	LDS	450	53.34	CONCRETE	4.303	AREA 3
LDS	S-MA60006258	S-MH60004899	0	S-MH60004895	0	LDS	750	120.03	CONCRETE	5.179	AREA 3
LDS	S-MA60006261	S-MH60004990	0	S-MH60004898	0	LDS	750	96.38	CONCRETE	4.415	AREA 3
LDS	S-MA60006262	S-MH60004898	0	S-MH60004899	0	LDS	750	71.84	CONCRETE	4.727	AREA 3
LDS	S-MA60006263	S-MH60004903	0	S-MH60004912	0	LDS	300	48.77	CONCRETE	3.901	AREA 3
LDS	S-MA60006270	S-MH60004905	0	S-MH60004907	0	LDS	300	85.65	CONCRETE	3.002	AREA 3
LDS	S-MA60006271	S-MH60004934	0	S-MH60004907	0	LDS	450	65.95	CONCRETE	3.392	AREA 3
LDS	S-MA60006276	S-MH60004905	0	S-MH60004903	0	LDS	300	90.05	CONCRETE	3.383	AREA 3
LDS	S-MA60006277	S-MH60004912	0	S-MH60004917	0	LDS	525	81.48	CONCRETE	4.33	AREA 3
LDS	S-MA60006278	S-MH60004955	0	S-MH60004912	0	LDS	450	95.4	CONCRETE	4.053	AREA 3

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
LDS	S-MA60006283	S-MH60004919	0	S-MH60004917	0	LDS	300	18.29	CONCRETE	4.079	AREA 3
LDS	S-MA60006284	S-MH60004957	0	S-MH60004919	0	LDS	300	71.02	CONCRETE	4.054	AREA 3
LDS	S-MA60006289	S-MH60004950	0	S-MH60004922	0	LDS	300	83.42	CONCRETE	233.26	AREA 3
LDS	S-MA60006292	S-MH60004925	0	S-MH60004926	0	LDS	300	45.72	CONCRETE	3.17	AREA 3
LDS	S-MA60006293	S-MH60004943	0	S-MH60004929	0	LDS	450	79.97	CONCRETE	2.922	AREA 3
LDS	S-MA60006296	S-MH60004938	0	S-MH60004932	0	LDS	300	114.91	CONCRETE	3.103	AREA 3
LDS	S-MA60006297	S-MH60004933	0	S-MH60004932	0	LDS	450	55.1	CONCRETE	3.225	AREA 3
LDS	S-MA60006298	S-MH60004929	0	S-MH60004933	0	LDS	450	48.46	CONCRETE	3.225	AREA 3
LDS	S-MA60006299	S-MH60004932	0	S-MH60004934	0	LDS	450	32.61	CONCRETE	3.078	AREA 3
LDS	S-MA60006306	S-MH60005006	0	S-MH60004943	0	LDS	300	102.41	CONCRETE	2.675	AREA 3
LDS	S-MA60006307	S-MH60004944	0	S-MH60004943	0	LDS	300	51.51	CONCRETE	2.693	AREA 3
LDS	S-MA60006312	S-MH60004947	0	S-MH60004950	0	LDS	300	111.31	CONCRETE	3.4	AREA 3
LDS	S-MA60006316	S-MH60004953	0	S-MH60004950	0	LDS	300	55.78	CONCRETE	3.405	AREA 3
LDS	S-MA60006318	S-MH60004973	0	S-MH60004955	0	LDS	300	99.06	CONCRETE	3.813	AREA 3
LDS	S-MA60006320	S-MH60004958	0	S-MH60004979	0	LDS	300	75.96	CONCRETE	3.408	AREA 3
LDS	S-MA60006324	S-MH60004962	0	S-MH60004979	0	LDS	525	57.27	CONCRETE	4.409	AREA 3
LDS	S-MA60006329	S-MH60005016	0	S-MH60004966	0	LDS	375	126.8	CONCRETE	3.751	AREA 3
LDS	S-MA60006330	S-MH60004966	0	S-MH60004962	0	LDS	525	97.5	CONCRETE	4.126	AREA 3
LDS	S-MA60006337	S-MH60005024	0	S-MH60004973	0	LDS	250	110.64	CONCRETE	3.299	AREA 3
LDS	S-MA60006343	S-MH60005019	0	S-MH60004978	0	LDS	300	111.86	CONCRETE	3.402	AREA 3
LDS	S-MA60006346	S-MH60004978	0	S-MH60004966	0	LDS	375	97.51	CONCRETE	3.696	AREA 3
LDS	S-MA60006347	S-MH60004979	0	S-MH60005036	0	LDS	525	73.11	CONCRETE	4.438	AREA 3
LDS	S-MA60006355	S-MH60004998	0	S-MH60004990	0	LDS	750	92.14	CONCRETE	4.319	AREA 3
LDS	S-MA60006356	S-MH60004989	0	S-MH60004991	0	LDS	300	82.24	CONCRETE	3.542	AREA 3
LDS	S-MA60006357	S-MH60004991	0	S-MH60004990	0	LDS	300	86.07	CONCRETE	4.261	AREA 3
LDS	S-MA60006360	S-MH60005003	0	S-MH60004996	0	LDS	300	45.74	CONCRETE	3.291	AREA 3
LDS	S-MA60006363	S-MH60004999	0	S-MH60004998	0	LDS	600	42.68	CONCRETE	4.007	AREA 3
LDS	S-MA60006364	S-MH60004995	0	S-MH60004998	0	LDS	300	78.8	CONCRETE	3.26	AREA 3
LDS	S-MA60006365	S-MH60004996	0	S-MH60004999	0	LDS	300	69.95	CONCRETE	3.297	AREA 3
LDS	S-MA60006366	S-MH60005043	0	S-MH60004999	0	LDS	525	97.56	CONCRETE	3.716	AREA 3
LDS	S-MA60006374	S-MH60005008	0	S-MH60005010	0	LDS	300	38.71	CONCRETE	2.897	AREA 3
LDS	S-MA60006382	S-MH60005077	0	S-MH60005016	0	LDS	300	91.14	CONCRETE	3.353	AREA 3
LDS	S-MA60006385	S-MH60005074	0	S-MH60005019	0	LDS	300	110.95	CONCRETE	3.354	AREA 3
LDS	S-MA60006392	S-MH60005054	0	S-MH60005029	0	LDS	450	47.69	CONCRETE	3.328	AREA 3
LDS	S-MA60006393	S-MH60005029	0	S-MH60005030	0	LDS	525	49.83	CONCRETE	3.692	AREA 3
LDS	S-MA60006394	S-MH60005031	0	S-MH60005030	0	LDS	300	22.86	CONCRETE	3.305	AREA 3
LDS	S-MA60006395	S-MH60005030	0	S-MH60005036	0	LDS	525	69.65	CONCRETE	4.264	AREA 3
LDS	S-MA60006402	S-MH60005042	0	S-MH60005043	0	LDS	300	60.81	CONCRETE	2.88	AREA 3
LDS	S-MA60006403	S-MH60005047	0	S-MH60005043	0	LDS	300	123.65	CONCRETE	2.657	AREA 3
LDS	S-MA60006408	S-MH70011434	0	S-MH60005047	0	LDS	300	98.09	CONCRETE	2.652	AREA 3
LDS	S-MA60006413	S-MH60005049	0	S-MH60005054	0	LDS	300	94.55	CONCRETE	3.194	AREA 3
LDS	S-MA60006414	S-MH60005064	0	S-MH60005054	0	LDS	375	56.04	CONCRETE	3.301	AREA 3
LDS	S-MA60006419	S-MH60005058	0	S-MH60005057	0	LDS	300	52.12	CONCRETE	2.519	AREA 3
LDS	S-MA60006424	S-MH60005057	0	S-MH60005064	0	LDS	375	109.4	CONCRETE	2.789	AREA 3
LDS	S-MA60006429	S-MH60005071	0	S-MH70011434	0	LDS	300	25.33	CONCRETE	2.319	AREA 3
LDS	S-MA60006435	S-MH60005079	0	S-MH60005064	0	LDS	300	89.61	CONCRETE	2.776	AREA 3
LDS	S-MA60007266	S-MH60005858	0	S-MH60005847	0	LDS	900	106.68	CONCRETE	4.663	AREA 3

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
LDS	S-MA60007267	S-MH60005973	0	S-MH60005847	0	LDS	450	68.28	CONCRETE	4.088	AREA 3
LDS	S-MA60007269	S-MH60005036	0	S-MH60005847	0	LDS	750	107.24	CONCRETE	4.659	AREA 3
LDS	S-MA60007270	S-MH60005833	0	S-MH60005057	0	LDS	300	39.62	CONCRETE	2.713	AREA 3
LDS	S-MA60007272	S-MH60005836	0	S-MH60005835	0	LDS	1200	105.5	CONCRETE	5.492	AREA 3
LDS	S-MA60007273	S-MH60005847	0	S-MH60005836	0	LDS	1200	90.71	CONCRETE	5.492	AREA 3
LDS	S-MA60007278	S-MH60005851	0	S-MH70059295	0	LDS	250	19.79	CONCRETE	2.766	AREA 3
LDS	S-MA60007279	S-MH60005835	0	S-MH70059295	0	LDS	1200	56.48	CONCRETE	5.283	AREA 3
LDS	S-MA60007294	S-MH60005919	0	S-MH60005858	0	LDS	900	73	CONCRETE	4.763	AREA 3
LDS	S-MA60007355	S-MH60005918	0	S-MH60005919	0	LDS	300	50.69	CONCRETE	4.003	AREA 3
LDS	S-MA60007356	S-MH60005913	0	S-MH60005919	0	LDS	900	48.9	CONCRETE	4.763	AREA 3
LDS	S-MA60007397	S-MH60005970	0	S-MH60005969	0	LDS	450	19.51	CONCRETE	4.333	AREA 3
LDS	S-MA60007398	S-MH60006045	0	S-MH60005970	0	LDS	375	76.2	CONCRETE	4.318	AREA 3
LDS	S-MA60007401	S-MH60005980	0	S-MH60005969	0	LDS	300	47.24	CONCRETE	3.948	AREA 3
LDS	S-MA60007406	S-MH60005969	0	S-MH60005973	0	LDS	450	48.77	CONCRETE	4.097	AREA 3
LDS	S-MA60020826	S-MH60003292	0	S-MH60017946	0	LDS	450	107.26	CONCRETE	3.423	AREA 3
LDS	S-MA60020827	S-MH60017946	0	S-MH60003286	0	LDS	750	86.87	CONCRETE	3.713	AREA 3
LDS	S-MA60020853	S-MH60003265	0	S-MH60017946	0	LDS	600	100.68	CONCRETE	3.563	AREA 3
LDS	S-MA70011018	S-MH70004496	0	S-MH70004497	0	LDS	500	58.34	CSP	1.29	AREA 3
LDS	S-MA70011019	S-MH70004497	0	S-MH70004498	0	LDS	450	50.02	CONCRETE	1.73	AREA 3
LDS	S-MA70011020	S-MH70004498	0	S-MH60003181	0	LDS	450	41.59	CONCRETE	1.981	AREA 3
LDS	S-MA70032402	S-MH60005010	0	S-MH60005024	0	LDS	300	51.82	CONCRETE	3.268	AREA 3
LDS	S-MA70107080					LDS	375	23.33	PVC		AREA 3
LDS	S-MA70107081					LDS	375	28.63	PVC		AREA 3
LDS	S-MA70107082			S-MH70004498	0	LDS	375	9.61	PVC		AREA 3
LDS	S-MA70113872	S-MH60003183	0	S-PL70063107		LDS	450	40.16	PVC		AREA 3
LDS	S-MA60013868	S-MH60011808	0	S-MH60011838	0	LDS	750	30.92	CONCRETE	4.05	AREA 9
LDS	S-MA60013877	S-MH60011817	0	S-MH60011808	0	LDS	750	71.19	CONCRETE	4.163	AREA 9
LDS	S-MA60013883	S-MH60011822	0	S-MH60011817	0	LDS	750	74.68	CONCRETE	4.163	AREA 9
LDS	S-MA60013896	S-MH60011834	0	S-MH60011835	0	LDS	450	25.2	CONCRETE	232.779	AREA 9
LDS	S-MA60013897	S-MH60011835	0	S-MH60011847	0	LDS	525	85.34	CONCRETE	2.98	AREA 9
LDS	S-MA60013902	S-MH60011840	0	S-MH60011838	0	LDS	525	83.01	CONCRETE	4.08	AREA 9
LDS	S-MA60013903	S-MH60011830	0	S-MH60011840	0	LDS	375	63.81	CONCRETE	3.474	AREA 9
LDS	S-MA60013908	S-MH60011847	0	S-MH60011958	0	LDS	600	93.4	CONCRETE	2.882	AREA 9
LDS	S-MA60014050	S-MH60011958	0	S-MH60011968	0	LDS	900	57.59	*UNKNOWN	3.339	AREA 9
LDS	S-MA60014053	S-MH60011987	0	S-MH60011958	0	LDS	750	114.81	*UNKNOWN	3.809	AREA 9
LDS	S-MA60016662	S-MH60011838	0	S-MH60014333	0	LDS	900	86.24	CONCRETE	4.611	AREA 9
LDS	S-MA60016663	S-MH60014333	0	S-MH60014334	0	LDS	1200	179.83	CONCRETE	4.764	AREA 9
LDS	S-MA60016676	S-MH60014344	0	S-MH60014361	0	LDS	1350	144.39	CONCRETE	4.939	AREA 9
LDS	S-MA60016679	S-MH60014347	0	S-MH60014344	0	LDS	1200	166.27	CONCRETE	4.632	AREA 9
LDS	S-MA60016680	S-MH60014348	0	S-MH60014347	0	LDS	1200	168.4	CONCRETE	4.898	AREA 9
LDS	S-MA60016693	S-MH60014361	0	S-TE60007510		LDS	1350	146.36	CONCRETE	4.939	AREA 9
LDS	S-MA60016945	S-MH60014589	0	S-MH60015464	0	LDS	600	101.35	CONCRETE	2.585	AREA 9
LDS	S-MA60017747	S-MH60015435	0	S-TE60007523		LDS	1200	136.95	CONCRETE	4.279	AREA 9
LDS	S-MA60017748	S-MH60015386	0	S-TE60007523		LDS	1200	120.85	CONCRETE	4.111	AREA 9
LDS	S-MA60017753	S-MH60015387	0	S-MH60015392	0	LDS	1050	118.7	CONCRETE	3.301	AREA 9
LDS	S-MA60017755	S-MH60011968	0	S-MH60015387	0	LDS	900	107.22	*UNKNOWN	3.301	AREA 9
LDS	S-MA60017760	S-MH60015392	0	S-MH60015399	0	LDS	1200	228.75	CONCRETE	4.249	AREA 9

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
LDS	S-MA60017767	S-MH60015399	0	S-MH60015400	0	LDS	1200	86.07	CONCRETE	4.665	AREA 9
LDS	S-MA60017768	S-MH60015400	0	S-MH60015386	0	LDS	1200	140.39	CONCRETE	4.888	AREA 9
LDS	S-MA60017776	S-MH60015405	0	S-MH60015457	0	LDS	525	96.32	CONCRETE	3.301	AREA 9
LDS	S-MA60017798	S-MH70041984	0	S-MH60015405	0	LDS	375	105.85	CONCRETE	2.654	AREA 9
LDS	S-MA60017819	S-MH60015438	0	S-MH60015435	0	LDS	1200	134.11	CONCRETE	4.279	AREA 9
LDS	S-MA60017822	S-MH60015429	0	S-MH60015437	0	LDS	1050	46.79	CONCRETE	4.334	AREA 9
LDS	S-MA60017824	S-MH60015437	0	S-MH60015438	0	LDS	1050	92.51	*UNKNOWN	4.178	AREA 9
LDS	S-MA60017828	S-MH60015448	0	S-MH60015429	0	LDS	900	136.55	CONCRETE	3.78	AREA 9
LDS	S-MA60017831	S-MH60015447	0	S-MH60015446	0	LDS	750	67.06	CONCRETE	3.493	AREA 9
LDS	S-MA60017832	S-MH60015463	0	S-MH60015447	0	LDS	750	76.2	CONCRETE	3.493	AREA 9
LDS	S-MA60017835	S-TE60007507		S-MH60015448	0	LDS	750	4.16	CONCRETE		AREA 9
LDS	S-MA60017836	S-MH60015446	0	S-TE60007507		LDS	750	27.36	CONCRETE	3.615	AREA 9
LDS	S-MA60017845	S-MH60015457	0	S-TE60007507		LDS	600	98.15	CONCRETE	3.362	AREA 9
LDS	S-MA60017853	S-MH60015464	0	S-MH60015463	0	LDS	750	74.37	CONCRETE	3.106	AREA 9
LDS	S-MA60017859	S-MH60015468	0	S-MH60015478	0	LDS	1500	124.36	*UNKNOWN	6.125	AREA 9
LDS	S-MA60017860	S-TE60007510		S-MH60015468	0	LDS	1500	6.57	*UNKNOWN		AREA 9
LDS	S-MA60017869	S-MH60015478	0	S-MH60015480	0	LDS	1500	116.43	*UNKNOWN	6.051	AREA 9
LDS	S-MA60017872	S-MH60015480	0	S-TE60007523		LDS	1500	180.62	*UNKNOWN	4.999	AREA 9
LDS	S-MA60017887	S-TE60007523		S-TE60007523		LDS	1200	0.2	*UNKNOWN		AREA 9
LDS	S-MA60017888	S-MH60015488	0	S-MH60015491	0	LDS	9999	12.9	CONCRETE	4.148	AREA 9
LDS	S-MA60017889	S-MH60015489	0	S-MH60015488	0	LDS	9999	5.89	CONCRETE	5.886	AREA 9
LDS	S-MA60017892	S-TE60007523		S-MH60015491	0	LDS	9999	4.27	CONCRETE		AREA 9
LDS	S-MA60018404	S-MH60012048	0	S-MH60011980	0	LDS	750	97.67	CONCRETE	3.793	AREA 9
LDS	S-MA60018405	S-MH60011980	0	S-MH60011987	0	LDS	750	92.97	CONCRETE	3.808	AREA 9
LDS	S-MA60021273	S-MH60018242	0	S-MH60018243	0	LDS	750	91.44	CONCRETE	2.836	AREA 9
LDS	S-MA60021274	S-MH60018243	0	S-MH60018244	0	LDS	750	106.68	CONCRETE	2.956	AREA 9
LDS	S-MA60021275	S-MH60018244	0	S-MH60012048	0	LDS	750	45.74	CONCRETE	3.79	AREA 9
LDS	S-MA70039087	S-MH60014334	0	S-MH70015437	0	LDS	1200	140.99	CONCRETE	5.006	AREA 9
LDS	S-MA70039088	S-MH70015437	0	S-MH60014348	0	LDS	1200	34.98	CONCRETE	5.006	AREA 9
LDS	S-MA70090323	S-MH70041983	0	S-MH70041984	0	LDS	375	60.14	PVC	2.52	AREA 9
LDS	S-MA40012266	S-PL40004072		S-MH40011093	0	LDS	300	9.35	CONCRETE		PANDORA
LDS	S-MA20006893	S-MH20006331	0	S-MH20006493	0	LDS	375	61.75	*UNKNOWN	2.528	RIVERBEND SEPARATE
LDS	S-MA20007039	S-MH20006453	0	S-MH20006454	0	LDS	600	45.25	*UNKNOWN	2.631	RIVERBEND SEPARATE
LDS	S-MA20007040	S-MH20006454	0	S-MH20006452	0	LDS	600	15.91	*UNKNOWN	234.885	RIVERBEND SEPARATE
LDS	S-MA20007057	S-MH20006469	0	S-MH20006564	0	LDS	450	75.94	CONCRETE	2.283	RIVERBEND SEPARATE
LDS	S-MA20007059	S-MH20006471	0	S-MH20006469	0	LDS	450	89.31	CONCRETE	1.929	RIVERBEND SEPARATE
LDS	S-MA20007069	S-MH20010684	0	S-MH20006480	0	LDS	600	113.11	CONCRETE	2.024	RIVERBEND SEPARATE
LDS	S-MA20007083	S-MH20006491	0	S-MH20006495	0	LDS	450	48.01	*UNKNOWN	3.295	RIVERBEND SEPARATE
LDS	S-MA20007084	S-MH20006492	0	S-MH20006491	0	LDS	450	47.34	*UNKNOWN	2.846	RIVERBEND SEPARATE
LDS	S-MA20007085	S-MH20006493	0	S-MH20006492	0	LDS	375	48.01	*UNKNOWN	2.661	RIVERBEND SEPARATE
LDS	S-MA20007087	S-MH20006501	0	S-MH20006495	0	LDS	600	48.77	*UNKNOWN	3.539	RIVERBEND SEPARATE
LDS	S-MA20007088	S-MH20006495	0	S-MH20006496	0	LDS	450	18.29	*UNKNOWN	4.029	RIVERBEND SEPARATE
LDS	S-MA20007094	S-MH20006500	0	S-MH20006501	0	LDS	300	54.89	*UNKNOWN	3.78	RIVERBEND SEPARATE
LDS	S-MA20007095	S-MH20006539	0	S-MH20006501	0	LDS	600	62.79	*UNKNOWN	4.031	RIVERBEND SEPARATE
LDS	S-MA20007097			S-MH20006505	0	LDS	375	55.61	*UNKNOWN		RIVERBEND SEPARATE
LDS	S-MA20007118	S-MH20006524	0	S-MH20006525	0	LDS	300	40.13	*UNKNOWN	3.514	RIVERBEND SEPARATE
LDS	S-MA20007119	S-MH20006526	0	S-MH20006537	0	LDS	600	27.43	CONCRETE	3.946	RIVERBEND SEPARATE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
LDS	S-MA20007120	S-MH20006525	0	S-MH20006526	0	LDS	600	54.9	CONCRETE	3.894	RIVERBEND SEPARATE
LDS	S-MA20007131			S-MH20006537	0	LDS	300	63.04	*UNKNOWN		RIVERBEND SEPARATE
LDS	S-MA20007133	S-MH20006536	0	S-MH20006539	0	LDS	600	7.56	CONCRETE	4.194	RIVERBEND SEPARATE
LDS	S-MA20007134	S-MH20006537	0	S-MH20006536	0	LDS	600	41.15	CONCRETE	4.191	RIVERBEND SEPARATE
LDS	S-MA20007135	S-MH20006538	0	S-MH20006546	0	LDS	750	123.9	CONCRETE	4.193	RIVERBEND SEPARATE
LDS	S-MA20007136	S-MH20006539	0	S-MH20006538	0	LDS	750	110.21	CONCRETE	4.193	RIVERBEND SEPARATE
LDS	S-MA20007150	S-MH20006555	0	S-MH20006556	0	LDS	450	20.73	*UNKNOWN	2.284	RIVERBEND SEPARATE
LDS	S-MA20007151	S-MH20006556	0	S-MH20006560	0	LDS	450	80.26	*UNKNOWN	3.785	RIVERBEND SEPARATE
LDS	S-MA20007152	S-MH20006560	0	S-MH20006557	0	LDS	900	7.62	*UNKNOWN	10.541	RIVERBEND SEPARATE
LDS	S-MA20007153	S-MH20006604	0	S-MH20006557	0	LDS	1500	125.27	CONCRETE	10.541	RIVERBEND SEPARATE
LDS	S-MA20007160	S-MH20006565	0	S-MH20006566	0	LDS	600	70.13	CONCRETE	3.264	RIVERBEND SEPARATE
LDS	S-MA20007161	S-MH20006564	0	S-MH20006565	0	LDS	600	74.33	CONCRETE	3.126	RIVERBEND SEPARATE
LDS	S-MA20007162	S-MH20006566	0	S-MH20006569	0	LDS	600	67.86	CONCRETE	3.461	RIVERBEND SEPARATE
LDS	S-MA20007164	S-MH20010577	0	S-MH20006568	0	LDS	900	100.81	CONCRETE	4.13	RIVERBEND SEPARATE
LDS	S-MA20007165	S-MH20006568	0	S-MH20006569	0	LDS	900	101.8	*UNKNOWN	4.323	RIVERBEND SEPARATE
LDS	S-MA20007166	S-MH20006569	0	S-MH20006560	0	LDS	900	36.58	*UNKNOWN	4.323	RIVERBEND SEPARATE
LDS	S-MA20007169	S-MH20006572	0	S-MH20006612	0	LDS	300	46.7	CONCRETE	2.336	RIVERBEND SEPARATE
LDS	S-MA20007177	S-PL20001406		S-MH20006603	0	LDS	450	38.16	*UNKNOWN		RIVERBEND SEPARATE
LDS	S-MA20007178	S-MH20006589	0	S-TE20001419		LDS	1650	215.66	CONCRETE	9.775	RIVERBEND SEPARATE
LDS	S-MA20007181	S-MH20006582	0	S-MH20006583	0	LDS	900	46.94	STEEL	234.446	RIVERBEND SEPARATE
LDS	S-MA20007182	S-MH20006583	0	S-MH20006622	0	LDS	900	51.74	STEEL	1.966	RIVERBEND SEPARATE
LDS	S-MA20007184	S-MH20006584	0	S-MH20006582	0	LDS	900	49.11	STEEL	234.446	RIVERBEND SEPARATE
LDS	S-MA20007188	S-MH70050714	0	S-MH20006589	0	LDS	600	4.09	STEEL	6.351	RIVERBEND SEPARATE
LDS	S-MA20007200	S-MH20006620	0	S-TE20001414		LDS	1500	93.48	CONCRETE	9.221	RIVERBEND SEPARATE
LDS	S-MA20007201	S-PL20001412		S-MH20006601	0	LDS	1350	3.35	*UNKNOWN		RIVERBEND SEPARATE
LDS	S-MA20007202	S-MH20006601	0	S-TE20001414		LDS	1350	25.04	*UNKNOWN	9.461	RIVERBEND SEPARATE
LDS	S-MA20007204	S-TE20001414		S-MH20006604	0	LDS	1500	59.88	CONCRETE		RIVERBEND SEPARATE
LDS	S-MA20007205	S-MH20006610	0	S-TE20001414		LDS	1350	27.08	*UNKNOWN	9.835	RIVERBEND SEPARATE
LDS	S-MA20007209	S-MH20006612	0	S-MH20006604	0	LDS	300	19.6	CONCRETE	3.266	RIVERBEND SEPARATE
LDS	S-MA20007210	S-MH20006603	0	S-MH20006604	0	LDS	450	17.77	*UNKNOWN	3.266	RIVERBEND SEPARATE
LDS	S-MA20007216	S-PL20001416		S-MH20006610	0	LDS	1350	3.35	*UNKNOWN		RIVERBEND SEPARATE
LDS	S-MA20007222	S-MH20006622	0	S-MH20006616	0	LDS	900	106.39	STEEL	11.909	RIVERBEND SEPARATE
LDS	S-MA20007226	S-MH20006616	0	S-MH20006620	0	LDS	600	4.84	CSP	6.979	RIVERBEND SEPARATE
LDS	S-MA20007227	S-MH20006621	0	S-TE20001419		LDS	1350	18.77	CONCRETE	4.008	RIVERBEND SEPARATE
LDS	S-MA20007228	S-TE20001419		S-MH20006620	0	LDS	1650	54.82	CONCRETE		RIVERBEND SEPARATE
LDS	S-MA20007229	S-MH20006629	0	S-MH20006621	0	LDS	600	100.77	CONCRETE	4.023	RIVERBEND SEPARATE
LDS	S-MA20007236	S-MH20006640	0	S-MH20006629	0	LDS	600	75.5	CONCRETE	3.148	RIVERBEND SEPARATE
LDS	S-MA20007248	S-MH20006480	0	S-MH20006640	0	LDS	600	33.38	CONCRETE	2.289	RIVERBEND SEPARATE
LDS	S-MA20007249	S-MH20010578	0	S-MH20006641	0	LDS	200	47.24	*UNKNOWN	233.761	RIVERBEND SEPARATE
LDS	S-MA20007250	S-MH20006641	0	S-MH20006642	0	LDS	250	58.52	*UNKNOWN	234.227	RIVERBEND SEPARATE
LDS	S-MA20007251	S-MH20006642	0	S-MH20006640	0	LDS	250	61.45	*UNKNOWN	234.227	RIVERBEND SEPARATE
LDS	S-MA20007260	S-MH20006653	0			LDS	375	82.06	*UNKNOWN	1.96	RIVERBEND SEPARATE
LDS	S-MA20011619	S-MH20010596	0	S-MH20010577	0	LDS	900	87.51	CONCRETE	3.843	RIVERBEND SEPARATE
LDS	S-MA20011641	S-MH20010597	0	S-MH20010596	0	LDS	750	47.37	CONCRETE	2.239	RIVERBEND SEPARATE
LDS	S-MA20011642	S-MH20010598	0	S-MH20010597	0	LDS	600	86.37	CONCRETE	2.178	RIVERBEND SEPARATE
LDS	S-MA20011652	S-MH20010609	0	S-MH20010598	0	LDS	450	14.81	CONCRETE	2.176	RIVERBEND SEPARATE
LDS	S-MA20011654	S-MH20010608	0	S-MH20010609	0	LDS	450	82.3	CONCRETE	2.072	RIVERBEND SEPARATE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
LDS	S-MA20011738	S-MH20010685	0	S-MH20010684	0	LDS	450	13.72	CONCRETE	1.832	RIVERBEND SEPARATE
LDS	S-MA20011739	S-MH20010686	0	S-MH20010685	0	LDS	450	33.23	CONCRETE	2.015	RIVERBEND SEPARATE
LDS	S-MA20011743	S-MH20010691	0	S-MH20010690	0	LDS	600	67.13	CONCRETE	2	RIVERBEND SEPARATE
LDS	S-MA70073964	S-MH20006557	0	S-MH70035358	0	LDS	1500	200.42	CONCRETE	235.141	RIVERBEND SEPARATE
LDS	S-MA70073965	S-MH70035358	0	S-MH20006452	0	LDS	1500	156.79	CONCRETE	235.141	RIVERBEND SEPARATE
LDS	S-MA70109465	S-MH70050674	0	S-MH20006602	0	LDS	1050	69.22	CMP	2.451	RIVERBEND SEPARATE
LDS	S-MA70109532	S-MH70050694	0	S-MH70050714	0	LDS	900	67.64	STEEL	2.511	RIVERBEND SEPARATE
REINSPECTION	S-MA20013983	S-MH20012714	0	S-MH20012677	0	CS	375	68.28	PVC	4.2	ASSINIBOINE
REINSPECTION	S-MA20013988	S-MH20012671	0	S-MH20012672	0	CS	450	46.14	CLAY	4.114	ASSINIBOINE
REINSPECTION	S-MA20013989	S-MH20012672	0	S-MH20012673	0	CS	450	24.08	CLAY	4.114	ASSINIBOINE
REINSPECTION	S-MA20013994	S-MH20012678	0	S-MH70016159	0	CS	300	8.31	CONCRETE	2.837	ASSINIBOINE
REINSPECTION	S-MA20013995	S-MH20012679	0	S-MH20012677	0	CS	300	15.54	CONCRETE	3.83	ASSINIBOINE
REINSPECTION	S-MA20014002	S-MH20012687	0	S-MH20012770	0	CS	300	103.02	CONCRETE	4.329	ASSINIBOINE
REINSPECTION	S-MA20014012	S-MH20012780	0	S-MH20014044	0	CS	300	85.34	PVC	3.59	ASSINIBOINE
REINSPECTION	S-MA20014016	S-MH70013194	0	S-MH20012677	0	CS	300	19.31	CONCRETE	4.07	ASSINIBOINE
REINSPECTION	S-MA20014028	S-PL20004748		S-MH20012715	0	CS	250	9.62	*UNKNOWN		ASSINIBOINE
REINSPECTION	S-MA20014032	S-MH20012712	0	S-MH20012714	0	CS	250	31.69	*UNKNOWN	3.693	ASSINIBOINE
REINSPECTION	S-MA20014033	S-MH20012713	0	S-MH20012712	0	CS	250	41.46	CONCRETE	232.058	ASSINIBOINE
REINSPECTION	S-MA20014034	S-MH20012715	0	S-MH20012714	0	CS	375	51.82	PVC	3.972	ASSINIBOINE
REINSPECTION	S-MA20014035	S-MH20014048	0	S-MH20012715	0	CS	375	68.77	PVC	3.901	ASSINIBOINE
REINSPECTION	S-MA20014040	S-MH20012719	0	S-MH20012730	0	CS	750	77.11	BRICK	4.362	ASSINIBOINE
REINSPECTION	S-MA20014041	S-MH20012730	0	S-MH20012741	0	CS	750	63.4	BRICK	4.362	ASSINIBOINE
REINSPECTION	S-MA20014044	S-MH20012723	0	S-MH20012720	0	CS	550	87.17	CLAY	4.16	ASSINIBOINE
REINSPECTION	S-MA20014045	S-MH20012724	0	S-MH20012723	0	CS	550	45.72	CLAY	4.566	ASSINIBOINE
REINSPECTION	S-MA20014046	S-MH20012725	0	S-MH20012724	0	CS	550	42.67	CLAY	4.566	ASSINIBOINE
REINSPECTION	S-MA20014047	S-MH20012768	0	S-MH20012725	0	CS	550	88.7	*UNKNOWN	4.52	ASSINIBOINE
REINSPECTION	S-MA20014063	S-TE20004762		S-MH20012735	0	CS	675	3.2	CONCRETE		ASSINIBOINE
REINSPECTION	S-MA20014070	S-MH20012806	0	S-MH20012737	0	CS	450	84.79	CONCRETE	4.563	ASSINIBOINE
REINSPECTION	S-MA20014075	S-MH20012742	0	S-MH20012743	0	CS	720	79.86	POLYURET	4.1	ASSINIBOINE
REINSPECTION	S-MA20014083			S-MH20012753	0	CS	375	58.2	PVC		ASSINIBOINE
REINSPECTION	S-MA20014100	S-MH20012761	0	S-MH70012294	0	CS	300	96.91	PVC	3.7	ASSINIBOINE
REINSPECTION	S-MA20014101	S-MH70013195	0	S-MH20012761	0	CS	300	26.21	CLAY	4.045	ASSINIBOINE
REINSPECTION	S-MA20014111	S-MH20012769	0	S-MH20012768	0	CS	550	69.86	*UNKNOWN	4.325	ASSINIBOINE
REINSPECTION	S-MA20014112	S-MH20012770	0	S-MH20012769	0	CS	550	14.93	*UNKNOWN	4.588	ASSINIBOINE
REINSPECTION	S-MA20014129	S-MH20014054	0	S-MH20012869	0	CS	600	57.61	BRICK	4.486	ASSINIBOINE
REINSPECTION	S-MA20014155	S-MH20012834	0	S-MH20012803	0	CS	300	99.72	CONCRETE	5.062	ASSINIBOINE
REINSPECTION	S-MA20014157	S-MH20012866	0	S-MH20012803	0	CS	750	66.05	POLYESTE	5.1	ASSINIBOINE
REINSPECTION	S-MA20014174	S-MH20012820	0	S-MH20012819	0	CS	750	28.2	BRICK	3.884	ASSINIBOINE
REINSPECTION	S-MA20014176	S-MH20012848	0	S-MH20012820	0	CS	750	67.97	BRICK	4.218	ASSINIBOINE
REINSPECTION	S-MA20014212	S-MH20012838	0	S-MH20012847	0	CS	732	83.52	POLYBRIC	4.705	ASSINIBOINE
REINSPECTION	S-MA20014213	S-MH20012847	0	S-MH20012848	0	CS	750	16.61	BRICK	4.472	ASSINIBOINE
REINSPECTION	S-MA20014226	S-MH20014059	0	S-MH70012334	0	CS	375	85.65	PVC	3.592	ASSINIBOINE
REINSPECTION	S-MA20014230	S-MH70013196	0	S-MH20012863	0	CS	750	13.11	BRICK	4.323	ASSINIBOINE
REINSPECTION	S-MA20014231	S-MH20012863	0	S-MH20012865	0	CS	725	47.24	POLYBRIC	4.435	ASSINIBOINE
REINSPECTION	S-MA20014235	S-MH20012869	0	S-MH70013196	0	CS	600	57.4	BRICK	4.486	ASSINIBOINE
REINSPECTION	S-MA20014244	S-MH20012876	0	S-MH20012918	0	CS	300	49.99	PVC	3.946	ASSINIBOINE
REINSPECTION	S-MA20014265	S-MH20012895	0	S-MH20012912	0	CS	450	99.8	CONCRETE	4.35	ASSINIBOINE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA20014268	S-MH20012907	0	S-MH20012895	0	CS	300	66.64	CONCRETE	3.877	ASSINIBOINE
REINSPECTION	S-MA20014276	S-MH20012913	0	S-MH20012904	0	CS	720	60.05	POLYURET	4.566	ASSINIBOINE
REINSPECTION	S-MA20014280	S-MH20012908	0	S-MH20012907	0	CS	300	55.89	PVC	3.45	ASSINIBOINE
REINSPECTION	S-MA20014281	S-MH20012921	0	S-MH20012908	0	CS	300	53.64	CONCRETE	3.046	ASSINIBOINE
REINSPECTION	S-MA20014287	S-MH20012912	0	S-MH20012911	0	CS	750	14.79	BRICK	4.781	ASSINIBOINE
REINSPECTION	S-MA20014292	S-MH20014447	0	S-MH20012915	0	CS	720	7.62	POLYURET	4.58	ASSINIBOINE
REINSPECTION	S-MA20014293	S-MH20012915	0	S-MH20012913	0	CS	720	52.12	POLYURET	4.58	ASSINIBOINE
REINSPECTION	S-MA20014307	S-MH20012925	0	S-TE20004864		CS	200	45.14	*UNKNOWN	231.866	ASSINIBOINE
REINSPECTION	S-MA20014331	S-MH20012958	0	S-MH20012951	0	CS	300	57.61	CONCRETE	3.797	ASSINIBOINE
REINSPECTION	S-MA20014332	S-MH20012951	0	S-MH20012950	0	CS	375	60.96	CONCRETE	4.136	ASSINIBOINE
REINSPECTION	S-MA20015568	S-MH20014043	0	S-MH70016166	0	CS	375	2.6	CLAY	232.016	ASSINIBOINE
REINSPECTION	S-MA20015572	S-MH20014129	0	S-MH20014043	0	CS	300	63.4	CLAY	3.481	ASSINIBOINE
REINSPECTION	S-MA20015575	S-MH20014089	0	S-MH20014047	0	CS	300	72.92	PVC	3.158	ASSINIBOINE
REINSPECTION	S-MA20015576	S-MH20014047	0	S-MH20014048	0	CS	300	67.06	PVC	3.621	ASSINIBOINE
REINSPECTION	S-MA20015591	S-MH20014057	0	S-MH20014059	0	CS	375	31.99	PVC	231.552	ASSINIBOINE
REINSPECTION	S-MA20015592	S-MH20014060	0	S-MH20014057	0	CS	375	35.37	PVC	3.268	ASSINIBOINE
REINSPECTION	S-MA20015594	S-MH20014079	0	S-MH20014061	0	CS	300	74.98	CONCRETE	3.362	ASSINIBOINE
REINSPECTION	S-MA20015595	S-MH20014061	0	S-MH20012918	0	CS	375	79.55	PVC	3.946	ASSINIBOINE
REINSPECTION	S-MA20015601	S-MH20014076	0	S-MH70004937	0	CS	375	99.59	*UNKNOWN	4.076	ASSINIBOINE
REINSPECTION	S-MA20015603	S-MH20014140	0	S-MH20014066	0	CS	375	86.56	CONCRETE	3.479	ASSINIBOINE
REINSPECTION	S-MA20015606	S-MH20014066	0	S-MH20014155	0	CS	600	14.62	CONCRETE	3.479	ASSINIBOINE
REINSPECTION	S-MA20015616	S-MH20014077	0	S-MH20014076	0	CS	300	49.68	*UNKNOWN	3.401	ASSINIBOINE
REINSPECTION	S-MA20015621	S-MH20014068	228.63	S-MH20014076	0	CS	300	14.45	CLAY	3.41	ASSINIBOINE
REINSPECTION	S-MA20015630	S-TE20005525		S-MH20014090	0	CS	300	47.97	*UNKNOWN		ASSINIBOINE
REINSPECTION	S-MA20015632	S-MH20014091	0	S-MH20014090	0	CS	250	67.67	CONCRETE	3.071	ASSINIBOINE
REINSPECTION	S-MA20015680	S-MH20014130	0	S-TE20005525		CS	300	30.35	*UNKNOWN	2.418	ASSINIBOINE
REINSPECTION	S-MA20015708	S-MH20014181	0	S-MH20014140	0	CS	300	70.71	*UNKNOWN	3.249	ASSINIBOINE
REINSPECTION	S-MA20015710	S-MH20014144	228.8	S-MH20014141	228.63	CS	300	31.09	CLAY	3.179	ASSINIBOINE
REINSPECTION	S-MA20015720	S-MH20014151	0	S-MH20014150	0	CS	375	48.77	*UNKNOWN	3.362	ASSINIBOINE
REINSPECTION	S-MA20015722	S-MH20014150	0	S-MH20014149	0	CS	450	10.45	*UNKNOWN	3.416	ASSINIBOINE
REINSPECTION	S-MA20015723	S-MH20014193	0	S-MH20014144	228.8	CS	300	46.33	CLAY	3.179	ASSINIBOINE
REINSPECTION	S-MA20015725	S-MH20014155	0	S-MH20014159	0	CS	600	35.67	CONCRETE	3.485	ASSINIBOINE
REINSPECTION	S-MA20015730	S-MH20014159	0	S-MH20014448	0	CS	600	49.07	CONCRETE	3.911	ASSINIBOINE
REINSPECTION	S-MA20015731	S-MH20014201	0	S-MH20014449	0	CS	375	78.64	PVC	1.544	ASSINIBOINE
REINSPECTION	S-MA20015759	S-MH20014185	0	S-MH20014181	0	CS	300	17.1	*UNKNOWN	3.032	ASSINIBOINE
REINSPECTION	S-MA20015770	S-MH20014196	0	S-MH20014197	0	CS	300	49.68	CLAY	3.666	ASSINIBOINE
REINSPECTION	S-MA20015771	S-MH20014197	0	S-MH20014198	0	CS	375	11.87	PVC	1.582	ASSINIBOINE
REINSPECTION	S-MA20015772	S-MH20014198	0	S-MH20014201	0	CS	375	70.71	PVC	1.582	ASSINIBOINE
REINSPECTION	S-MA20016037	S-MH20014430	0	S-MH20014438	0	CS	375	39.33	*UNKNOWN	3.559	ASSINIBOINE
REINSPECTION	S-MA20016038	S-MH20014439	0	S-MH20014430	0	CS	375	10.81	*UNKNOWN	3.691	ASSINIBOINE
REINSPECTION	S-MA20016046	S-MH20014440	228.67	S-MH20014439	0	CS	375	83.31	CONCRETE	3.812	ASSINIBOINE
REINSPECTION	S-MA20016055	S-MH20014448	0	S-MH20014446	0	CS	600	86.96	BRICK	4.075	ASSINIBOINE
REINSPECTION	S-MA20016056	S-MH20014446	0	S-MH20014447	0	CS	600	86.26	BRICK	4.35	ASSINIBOINE
REINSPECTION	S-MA20016059	S-MH20014449	0	S-MH20014448	0	CS	375	12.19	PVC	1.524	ASSINIBOINE
REINSPECTION	S-MA20016061	S-MH20014452	0	S-MH20014451	228.85	CS	300	2.44	CONCRETE	3.65	ASSINIBOINE
REINSPECTION	S-MA20016062	S-PL20005693		S-MH20014452	0	CS	300	50.9	CONCRETE		ASSINIBOINE
REINSPECTION	S-MA20016072	S-MH20014461	0	S-MH20014462	0	CS	300	15.54	CONCRETE	4.16	ASSINIBOINE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA20017649	S-MH20012843	0	S-MH20012842	227.85	CS	300	11.19	CLAY	3.423	ASSINIBOINE
REINSPECTION	S-MA20017650	S-MH20012842	227.85	S-MH70008918	0	CS	300	101.16	CLAY	3.669	ASSINIBOINE
REINSPECTION	S-MA20017653	S-MH20012944	0	S-MH20012943	0	CS	300	48.77	CONCRETE	3.917	ASSINIBOINE
REINSPECTION	S-MA70005313			S-MH20012912	0	CS	720	3	POLYURET		ASSINIBOINE
REINSPECTION	S-MA70005339	S-MH20012803	0	S-MH70002389	0	CS	720	14.6	POLYURET	5.08	ASSINIBOINE
REINSPECTION	S-MA70005343	S-MH20012743	0	S-TE20004769		CS	750	28.49	BRICK	4.1	ASSINIBOINE
REINSPECTION	S-MA70005348	S-MH70002389	0	S-MH20012795	0	CS	720	60.68	POLYURET	5.02	ASSINIBOINE
REINSPECTION	S-MA70005361	S-MH20012814	0	S-MH20012742	0	CS	720	78.63	POLYURET	4.882	ASSINIBOINE
REINSPECTION	S-MA70009042	S-MH20012943	0	S-MH70003602	0	CS	450	11.58	CONCRETE	4.195	ASSINIBOINE
REINSPECTION	S-MA70009043	S-MH70003602	0	S-MH20012950	0	CS	450	87.81	CONCRETE	4.195	ASSINIBOINE
REINSPECTION	S-MA70010042	S-MH20012673	0	S-MH20012770	0	CS	450	98.45	CLAY	4.588	ASSINIBOINE
REINSPECTION	S-MA70012297	S-MH70004937	0	S-MH20014054	0	CS	600	57.21	BRICK	4.226	ASSINIBOINE
REINSPECTION	S-MA70012299	S-MH70004938	0	S-MH70004937	0	CS	450	2.46	CONCRETE	4.22	ASSINIBOINE
REINSPECTION	S-MA70012406	S-PL70005525		S-MH70004938	0	CS	375	1.5	PVC		ASSINIBOINE
REINSPECTION	S-MA70012407	S-MH20014078	0	S-MH70004938	0	CS	450	55.64	*UNKNOWN	4.16	ASSINIBOINE
REINSPECTION	S-MA70012684	S-MH20012677	0	S-MH20012671	0	CS	450	14.94	CLAY	4.2	ASSINIBOINE
REINSPECTION	S-MA70015808	S-MH20012771	0	S-MH70038690		CS	450	85.72	PVC	232.375	ASSINIBOINE
REINSPECTION	S-MA70015825	S-MH70038690		S-MH70006372	0	CS	450	64.2	PVC	4.85	ASSINIBOINE
REINSPECTION	S-MA70015826	S-MH70006372	0	S-MH20012803	0	CS	450	21.74	PVC	4.96	ASSINIBOINE
REINSPECTION	S-MA70022887	S-MH70008140	0	S-MH20012918	0	CS	375	11.43	CONCRETE	4.186	ASSINIBOINE
REINSPECTION	S-MA70025889	S-MH20012880	0	S-MH70008916	0	CS	300	1.49	CLAY	3.34	ASSINIBOINE
REINSPECTION	S-MA70028201	S-MH70008140	0	S-MH20014447	0	CS	366	88.29	POLYFELT	4.355	ASSINIBOINE
REINSPECTION	S-MA70028205	S-MH20014149	0	S-MH70010180	0	CS	450	48.04	CLAY	3.53	ASSINIBOINE
REINSPECTION	S-MA70028206	S-MH70010180	0	S-MH20014078	0	CS	450	57.33	CLAY	3.725	ASSINIBOINE
REINSPECTION	S-MA70028609	S-MH20012834	0	S-MH20012895	0	CS	300	100.04	CONCRETE	3.886	ASSINIBOINE
REINSPECTION	S-MA70029583	S-MH20014451	228.85	S-MH20014461	0	CS	300	97.61	PVC	232.2	ASSINIBOINE
REINSPECTION	S-MA70029654			S-MH70010934	0	CS	250	54.99			ASSINIBOINE
REINSPECTION	S-MA70029656	S-MH20012865	0	S-MH20012866	0	CS	250	60.38	PVC	4.61	ASSINIBOINE
REINSPECTION	S-MA70029659	S-MH70010934	0	S-TE70013804		CS	225	48.64	PVC	4.64	ASSINIBOINE
REINSPECTION	S-MA70029825	S-MH20014438	0	S-MH20014448	0	CS	450	49.69	PVC	3.971	ASSINIBOINE
REINSPECTION	S-MA70033387	S-TE70014082		S-MH20014151	0	CS	300	19.97	PVC		ASSINIBOINE
REINSPECTION	S-MA70033390	S-MH20014132	0	S-TE70014082		CS	300	10.8	*UNKNOWN	2.878	ASSINIBOINE
REINSPECTION	S-MA70033981	S-MH70012334	0	S-MH70013196	0	CS	375	99.65	PVC	4.05	ASSINIBOINE
REINSPECTION	S-MA70035102	S-MH70013194	0	S-MH70013195	0	CS	300	79.03	CONCRETE	4.045	ASSINIBOINE
REINSPECTION	S-MA70035103	S-MH70013195	0	S-MH70013196	0	CS	375	99.78	CONCRETE	4.07	ASSINIBOINE
REINSPECTION	S-MA70040508	S-MH70016159	0	S-MH20012679	0	CS	300	52.07	CONCRETE	3.164	ASSINIBOINE
REINSPECTION	S-MA70067707	S-TE70027436				CS	600	8.05	CONCRETE		ASSINIBOINE
REINSPECTION	S-MA70082129	S-MH70012294	0	S-MH70038688	0	CS	375	1.83	PVC	3.686	ASSINIBOINE
REINSPECTION	S-MA70082130	S-MH70038688	0	S-MH70038689		CS	375	57.38	PVC	3.956	ASSINIBOINE
REINSPECTION	S-MA70082131	S-MH70038689		S-MH70038690		CS	375	15.15	PVC	4.209	ASSINIBOINE
REINSPECTION	S-MA70084170	S-MH70039297	0	S-MH70039298	0	CS	300	65.64	PVC	3.691	ASSINIBOINE
REINSPECTION	S-MA70084171	S-MH70039298	0	S-MH70039296	0	CS	300	72.72	PVC	3.501	ASSINIBOINE
REINSPECTION	S-MA70084177	S-MH70039296	0			CS	300	49.4	PVC		ASSINIBOINE
REINSPECTION	S-MA70084412	S-MH70039497	0	S-MH20012854	0	CS	300	1.79	PVC	3.25	ASSINIBOINE
REINSPECTION	S-MA70106984	S-MH70051680	0	S-MH20012896	0	WWS	1500	413.8	CONCRETE	8.902	ASSINIBOINE
REINSPECTION	S-MA60010636	S-MH60008930	0	S-MH60008931	0	CS	300	32.73	CLAY	3.759	RIVER
REINSPECTION	S-MA60010637	S-MH60008931	0	S-MH60008965	0	CS	300	116.74	POLYFELT	5.574	RIVER

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA60010655	S-MH60008946	0	S-MH60008930	0	CS	300	71.67	CLAY	3.518	RIVER
REINSPECTION	S-MA60010657	S-MH60008995	0	S-MH60008965	0	CS	300	87.17	CLAY	5.504	RIVER
REINSPECTION	S-MA60010667	S-MH60009004	0	S-MH60008955	0	CS	300	90.7	CONCRETE	6.101	RIVER
REINSPECTION	S-MA60010672	S-MH60008959	0	S-MH60008955	0	CS	300	111.34	CONCRETE	6.101	RIVER
REINSPECTION	S-MA60010675	S-MH60009009	0	S-MH60008965	0	CS	300	76.81	*UNKNOWN	5.724	RIVER
REINSPECTION	S-MA60010680	S-MH60008965	0	S-MH60008955	0	CS	589	102.64	POLYFELT	6.111	RIVER
REINSPECTION	S-MA60010719	S-MH60009023	0	S-MH60009004	0	CS	300	91.44	CONCRETE	3.554	RIVER
REINSPECTION	S-MA60010736	S-MH60009021	0	S-MH60009022	0	CS	300	39.62	CONCRETE	3.403	RIVER
REINSPECTION	S-MA60010737	S-MH60009022	0	S-MH60009023	0	CS	300	12.19	CONCRETE	3.554	RIVER
REINSPECTION	S-MA60010780	S-MH60009082	0	S-MH60009057	0	CS	375	93.47	CLAY	3.823	RIVER
REINSPECTION	S-MA60010790	S-MH60009092	0	S-MH60009060	0	CS	375	85.34	CLAY	4.014	RIVER
REINSPECTION	S-MA60010807	S-MH60009100	0	S-MH60009082	0	CS	300	92.05	CLAY	3.654	RIVER
REINSPECTION	S-MA60010816	S-MH60009085	0	S-MH60009092	0	CS	375	91.74	CLAY	4.366	RIVER
REINSPECTION	S-MA60010824	S-MH60009103	0	S-MH60009101	0	CS	300	92	CLAY	3.866	RIVER
REINSPECTION	S-MA60010825	S-MH60009108	0	S-MH60009109	0	CS	300	15.41	CLAY	2.762	RIVER
REINSPECTION	S-MA60010826	S-MH60009108	0	S-MH60009104	0	CS	300	84.9	CONCRETE	3.346	RIVER
REINSPECTION	S-MA60010827	S-PL60005107		S-MH60009104	0	CS	300	11.28	*UNKNOWN		RIVER
REINSPECTION	S-MA60010828	S-MH60009105	0	S-MH60009104	0	CS	300	85.65	CLAY	3.639	RIVER
REINSPECTION	S-MA60013742	S-MH60009204	0	S-MH60008961	0	CS	300	64.01	CONCRETE	3.203	RIVER
REINSPECTION	S-MA60013743	S-MH60008961	0	S-MH60008959	0	CS	300	45.72	CONCRETE	3.373	RIVER
REINSPECTION	S-MA60018415	S-MH60013632	0	S-MH60013633	0	CS	300	77.72	CLAY	3.03	RIVER
REINSPECTION	S-MA60018417	S-MH60013634	0	S-MH60013635	0	CS	300	78.94	CLAY	4.334	RIVER
REINSPECTION	S-MA60018418	S-MH60013635	0	S-MH60013636	0	CS	375	97.04	CLAY	4.334	RIVER
REINSPECTION	S-MA60018444	S-MH60013663	0	S-MH60013632	0	CS	300	32.31	CLAY	3.031	RIVER
REINSPECTION	S-MA60020127	S-MH60017446	0	S-MH60017447	0	CS	375	96.01	CONCRETE	5.043	RIVER
REINSPECTION	S-MA60020128	S-MH60017447	0	S-MH60017448	0	CS	375	95.4	*UNKNOWN	7.033	RIVER
REINSPECTION	S-MA60020130	S-MH60017449	0	S-MH60017450	0	CS	300	78.03	CONCRETE	3.563	RIVER
REINSPECTION	S-MA60020131	S-MH60017450	0	S-MH60017451	0	CS	300	71.63	CONCRETE	4.124	RIVER
REINSPECTION	S-MA60020133	S-MH60017452	0	S-MH60017446	0	CS	375	65.27	CONCRETE	4.926	RIVER
REINSPECTION	S-MA60020137	S-MH60017451	0	S-MH60017455	0	CS	300	12.5	CONCRETE	4.124	RIVER
REINSPECTION	S-MA60020138	S-MH60017455	0	S-MH60017452	0	CS	375	63.4	CONCRETE	4.621	RIVER
REINSPECTION	S-MA60020143	S-MH60013641	0	S-TE60007988		CS	450	2.13	CLAY	1.826	RIVER
REINSPECTION	S-MA60020144	S-TE60007988		S-MH60013642	0	CS	450	26.85	CLAY		RIVER
REINSPECTION	S-MA60020145	S-MH60017456	0	S-MH60017457	0	CS	300	85.34	CLAY	1.177	RIVER
REINSPECTION	S-MA60020146	S-MH60017457	0	S-MH60017458	0	CS	300	38.2	CLAY	3.18	RIVER
REINSPECTION	S-MA60020147	S-MH60017458	0	S-MH60017459	0	CS	300	48.89	CLAY	3.264	RIVER
REINSPECTION	S-MA60020148	S-MH60017459	0	S-MH60017460	0	CS	300	91.44	CLAY	4.04	RIVER
REINSPECTION	S-MA60020161	S-MH60009078	0	S-MH60009077	0	CS	300	42.82	CLAY	3.531	RIVER
REINSPECTION	S-MA60020162	S-MH60009109	0	S-MH60009078	0	CS	300	45.09	CLAY	2.758	RIVER
REINSPECTION	S-MA60020163	S-MH60009101	0	S-MH60009100	0	CS	300	14	CLAY	3.56	RIVER
REINSPECTION	S-MA60020174	S-MH60017460	0	S-MH60017472	0	CS	375	3.8	CLAY	4.1	RIVER
REINSPECTION	S-MA60020183	S-MH60017474	0	S-MH60017475	0	CS	300	70.71	POLYCLAY	4.987	RIVER
REINSPECTION	S-MA60020224	S-MH60017496	0	S-MH60017497	0	CS	300	126.8	CLAY	7.289	RIVER
REINSPECTION	S-MA60020225	S-MH60017498	0	S-MH60017499	0	CS	300	57.91	CONCRETE	4.093	RIVER
REINSPECTION	S-MA60020226	S-MH60017499	0	S-MH60017500	0	CS	300	69.49	CLAY	7.351	RIVER
REINSPECTION	S-MA60020256	S-MH60017475	0	S-MH60017524	0	CS	300	94.14	CLAY	5.598	RIVER
REINSPECTION	S-MA60020279	S-MH60017536	0	S-MH60017525	0	CS	450	107.09	*UNKNOWN	6.493	RIVER

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA60020280	S-MH60017472	0	S-MH60017537	0	CS	375	87.64	CLAY	4.043	RIVER
REINSPECTION	S-MA60020281	S-MH60017537	0	S-MH60017538	0	CS	375	57.91	CLAY	3.87	RIVER
REINSPECTION	S-MA60020282	S-MH60017538	0	S-MH60017539	0	CS	375	40.54	CLAY	4.318	RIVER
REINSPECTION	S-MA60020283	S-MH60017539	0	S-MH60017536	0	CS	375	86.92	CLAY	5.221	RIVER
REINSPECTION	S-MA60020295	S-MH60017550	0	S-MH60017533	0	CS	300	28.33	CLAY	7.168	RIVER
REINSPECTION	S-MA60020305	S-MH60017555	0	S-MH60017556	0	CS	300	6.07	CLAY	3.164	RIVER
REINSPECTION	S-MA60020309	S-MH60017557	0	S-MH60017558	0	CS	300	65.53	CLAY	230.902	RIVER
REINSPECTION	S-MA60020310	S-MH60017558	0	S-MH60017555	0	CS	300	65.84	CLAY	3.211	RIVER
REINSPECTION	S-MA60020312	S-MH60017560	0	S-MH60017561	0	CS	300	57	*UNKNOWN	3.989	RIVER
REINSPECTION	S-MA60020314	S-MH60017562	0	S-MH60017563	0	CS	300	97.54	CLAY	2.832	RIVER
REINSPECTION	S-MA60020315	S-MH60017563	0	S-MH60017561	0	CS	375	106.07	CLAY	3.876	RIVER
REINSPECTION	S-MA60020316	S-MH60017561	0	S-MH60017564	0	CS	450	82.01	CLAY	6.232	RIVER
REINSPECTION	S-MA60020357	S-PL60008062		S-MH60017586	0	CS	300	4.92	*UNKNOWN		RIVER
REINSPECTION	S-MA60020504	S-MH60017692	0	S-MH60017624	0	CS	600	87.76	CONCRETE	7.036	RIVER
REINSPECTION	S-MA60020505	S-MH60017693	0	S-MH60017694	0	CS	9999	10.06	*UNKNOWN	4.891	RIVER
REINSPECTION	S-MA60020506	S-MH60017694	0	S-MH60017692	0	CS	600	4.57	CONCRETE	4.964	RIVER
REINSPECTION	S-MA60020509	S-MH60017697	0	S-MH60017694	0	CS	300	91.44	CONCRETE	4.891	RIVER
REINSPECTION	S-MA60020526	S-MH60017711	0	S-MH60017712	0	CS	300	115.45	CONCRETE	3.65	RIVER
REINSPECTION	S-MA60020528	S-MH60017713	0	S-MH60017714	0	CS	300	49.68	CONCRETE	4.18	RIVER
REINSPECTION	S-MA60020608	S-MH60017769	0	S-MH60017770	0	CS	300	66.45	CONCRETE	3.485	RIVER
REINSPECTION	S-MA60020609	S-MH60017770	0	S-MH60017771	0	CS	300	67.37	CONCRETE	7.663	RIVER
REINSPECTION	S-MA60020613	S-MH60017774	0	S-MH60017775	0	CS	300	73.15	PVC	3.74	RIVER
REINSPECTION	S-MA60020666	S-MH60017448	0	S-MH60017819	0	CS	450	88.09	CONCRETE	6.983	RIVER
REINSPECTION	S-MA60020683	S-MH60017842	0	S-MH60017843	0	CS	300	47.24	PVC	3.96	RIVER
REINSPECTION	S-MA60020684	S-MH60017843	0	S-MH60017844	0	CS	300	48.83	PVC	4.79	RIVER
REINSPECTION	S-MA60020685	S-MH60017844	0	S-MH60017819	0	CS	300	6.1	PVC	6.14	RIVER
REINSPECTION	S-MA60020690	S-MH60017849	0	S-MH60017850	0	CS	450	78.22	CLAY	6.639	RIVER
REINSPECTION	S-MA60020700	S-MH60017859	0	S-MH60017860	0	CS	300	69.8	CONCRETE	3.491	RIVER
REINSPECTION	S-MA60020705	S-MH60017864	0	S-TE60008214		CS	9999	24.39	*UNKNOWN	4.324	RIVER
REINSPECTION	S-MA60020708	S-MH60017864	0	S-MH60017865	0	CS	300	68.16	CONCRETE	4.36	RIVER
REINSPECTION	S-MA60020709	S-MH60017865	0	S-MH60017866	0	CS	300	71.78	CONCRETE	4.791	RIVER
REINSPECTION	S-MA60020710	S-MH60017866	0	S-MH60017867	0	CS	300	16.92	CONCRETE	4.98	RIVER
REINSPECTION	S-MA60020711	S-MH60017867	0	S-MH60017853	0	CS	300	90.82	CONCRETE	5.46	RIVER
REINSPECTION	S-MA60020724	S-MH60017819	0	S-MH60017876	0	CS	525	82.57	CONCRETE	6.819	RIVER
REINSPECTION	S-MA60020725	S-MH60017876	0	S-MH60017877	0	CS	525	21.34	*UNKNOWN	6.745	RIVER
REINSPECTION	S-MA60020732	S-MH60017884	0	S-MH60017883	0	CS	300	74.68	*UNKNOWN	232.383	RIVER
REINSPECTION	S-MA60020733	S-MH60017882	0	S-MH60017885	0	CS	375	11.56	*UNKNOWN	5.441	RIVER
REINSPECTION	S-MA60020734	S-MH60017885	0	S-MH60017886	0	CS	375	90.53	CLAY	5.3	RIVER
REINSPECTION	S-MA60020735	S-MH60017886	0	S-MH60017887	0	CS	736	98.76	POLYFELT	6.397	RIVER
REINSPECTION	S-MA60020739	S-MH60017877	0	S-TE60008226		CS	9999	3.07	*UNKNOWN	7.171	RIVER
REINSPECTION	S-MA60020742	S-MH60017887	0	S-TE60008227		CS	750	4.27	*UNKNOWN	6.317	RIVER
REINSPECTION	S-MA60020750	S-MH60017895	0	S-MH60017896	0	CS	300	53.34	CLAY	3.146	RIVER
REINSPECTION	S-MA60020751	S-MH60017896	0	S-MH60017897	0	CS	300	85.5	PVC	3.67	RIVER
REINSPECTION	S-MA60020762	S-MH60017901	0	S-MH60017885	0	CS	300	22.69	*UNKNOWN	4.506	RIVER
REINSPECTION	S-MA60020769	S-MH60017911	0	S-MH60017912	0	CS	300	21.95	CLAY	2.898	RIVER
REINSPECTION	S-MA60020770	S-MH60017912	0	S-MH60017913	0	CS	300	65.23	CLAY	3.342	RIVER
REINSPECTION	S-MA60020771	S-MH60017913	0	S-MH60017914	0	CS	450	86.48	CLAY	3.456	RIVER

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA60020774	S-MH60017917	0	S-MH60017914	0	CS	300	27.46	CLAY	3.456	RIVER
REINSPECTION	S-MA60020799	S-MH60017914	0	S-MH60017901	0	CS	600	97.82	CLAY	4.505	RIVER
REINSPECTION	S-MA60020816	S-MH60017940	0	S-MH60017899	0	CS	300	48.92	CLAY	4.587	RIVER
REINSPECTION	S-MA60020819	S-MH60017943	0	S-MH60017944	0	CS	300	38.4	AC	3.302	RIVER
REINSPECTION	S-MA60020820	S-MH60017944	0	S-MH60017742	0	CS	300	60.96	CLAY	4.071	RIVER
REINSPECTION	S-MA60021518	S-PL70074769		S-MH60009103	0	CS	300	14.48	CLAY		RIVER
REINSPECTION	S-MA60021522	S-MH60009104	0	S-MH60018392	0	CS	300	10.67	CLAY	3.965	RIVER
REINSPECTION	S-MA60021539	S-PL60008473		S-MH60017517	0	CS	300	4.82	*UNKNOWN		RIVER
REINSPECTION	S-MA60021540	S-PL60008474		S-MH60017517	0	CS	300	11.58	*UNKNOWN		RIVER
REINSPECTION	S-MA60023773	S-MH60017883	0	S-MH60017886	0	CS	9999	3.05		5.351	RIVER
REINSPECTION	S-MA60023813	S-MH60013633	0	S-MH60019584	0	CS	300	3.94	CONCRETE	3.2	RIVER
REINSPECTION	S-MA60023814	S-MH60019584	0	S-MH60013634	0	CS	300	73.22	CONCRETE	3.526	RIVER
REINSPECTION	S-MA70002390	S-MH70000955	0	S-MH60017801	0	CS	300	6.56	PVC	3.8	RIVER
REINSPECTION	S-MA70002391	S-MH70000954	0	S-MH70000955	0	CS	300	61.7	PVC	3.8	RIVER
REINSPECTION	S-MA70002392	S-MH70000955	0	S-PL70000993		CS	300	1	PVC	3.8	RIVER
REINSPECTION	S-MA70002426	S-MH70000966	0	S-MH70000967	0	WWS	250	83.6	PVC	3.31	RIVER
REINSPECTION	S-MA70002636	S-MH70001053	0	S-MH70001054	0	CS	300	86.4	PVC	3.67	RIVER
REINSPECTION	S-MA70002637	S-MH70001054	0	S-MH60009028	0	CS	300	5.77	PVC	3.802	RIVER
REINSPECTION	S-MA70002662	S-MH70001056	0	S-MH70001057		CS	300	24	PVC	2.983	RIVER
REINSPECTION	S-MA70002662	S-MH70001056	0	S-MH70001057		CS	300	32.2	PVC	2.983	RIVER
REINSPECTION	S-MA70002663	S-MH70001057	0	S-MH70001058	0	CS	375	117.9	PVC	4.05	RIVER
REINSPECTION	S-MA70002664	S-MH70001058	0	S-MH60017610	0	CS	375	11.28	PVC	4.07	RIVER
REINSPECTION	S-MA70004370	S-MH70001937	0	S-TE70001755		CS	375	2.72	CONCRETE	4.883	RIVER
REINSPECTION	S-MA70004373	S-MH70001938	0	S-TE70001756		WWS	250	25.9	PVC	4	RIVER
REINSPECTION	S-MA70004376	S-PL70001757		S-MH70001939	0	WWS	250	9.64	PVC		RIVER
REINSPECTION	S-MA70004377	S-MH70001939	0	S-TE70001758		WWS	250	11.75	PVC	5.739	RIVER
REINSPECTION	S-MA70004380	S-MH70001933	0	S-TE70001759		CS	600	8.91	CLAY	2.515	RIVER
REINSPECTION	S-MA70004734	S-MH60017897	0	S-MH70002139	0	CS	300	90.29	PVC	5.01	RIVER
REINSPECTION	S-MA70004735	S-MH70002139	0	S-MH60017882	0	CS	300	8.07	PVC	5.23	RIVER
REINSPECTION	S-MA70004789	S-MH70002156	0	S-MH70002157	0	CS	300	83.76	PVC	3.36	RIVER
REINSPECTION	S-MA70004798	S-MH70027848	0	S-MH70002156	0	CS	300	12.01	PVC	3.1	RIVER
REINSPECTION	S-MA70009905	S-MH60008955	0	S-MH60008975	0	CS	750	96.59	CONCRETE	232.099	RIVER
REINSPECTION	S-MA70014297	S-MH70001760	0	S-MH70005711	0	WWS	600	144.79	*UNKNOWN	3.599	RIVER
REINSPECTION	S-MA70014306	S-MH70005711	0	S-MH70005718	0	WWS	600	160.61	*UNKNOWN	3.599	RIVER
REINSPECTION	S-MA70015257	S-MH70006206	0	S-MH70006207	0	CS	300	113.1	PVC	4.4	RIVER
REINSPECTION	S-MA70015258	S-MH70006207	0	S-MH60017819	0	CS	300	14.78	PVC	6.16	RIVER
REINSPECTION	S-MA70015273	S-MH60017517	0	S-MH70006208	0	CS	300	6.82	PVC	4.03	RIVER
REINSPECTION	S-MA70015274	S-MH70006208	0	S-MH70006209	0	CS	300	75.01	PVC	4.79	RIVER
REINSPECTION	S-MA70015275	S-MH70006209	0	S-MH70006210	0	CS	300	55.71	PVC	6.66	RIVER
REINSPECTION	S-MA70015287	S-MH70006210	0	S-MH60017519	0	CS	450	99.61	CONCRETE	6.83	RIVER
REINSPECTION	S-MA70015288	S-MH60017529	225.85	S-MH70006210	0	CS	450	79.46	CONCRETE	231.72	RIVER
REINSPECTION	S-MA70015543	S-MH70006291	0	S-MH60017882	0	CS	300	10.65	CONCRETE	5.43	RIVER
REINSPECTION	S-MA70015544	S-MH70006292	0	S-MH70006291	0	CS	300	59.98	CONCRETE	5.36	RIVER
REINSPECTION	S-MA70015547	S-MH60017899	0	S-MH70006293	0	CS	300	2.68	CONCRETE	4.86	RIVER
REINSPECTION	S-MA70015548	S-MH70006293	0	S-MH70006292	0	CS	300	59.5	CONCRETE	5.21	RIVER
REINSPECTION	S-MA70015595	S-MH60017548	0	S-MH60017549	0	CS	300	60.05	CLAY	231.7	RIVER
REINSPECTION	S-MA70015643	S-MH60017724	0	S-MH60017775	0	CS	300	60.98	CLAY	231.23	RIVER

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA70017860	S-MH70006720	0	S-MH60017474	0	CS	300	14.8	CLAY	4.9	RIVER
REINSPECTION	S-MA70017861	S-MH60009031	0	S-MH70006721	0	CS	450	13.7	CLAY	231.694	RIVER
REINSPECTION	S-MA70017862	S-MH70006721	0	S-MH60013641	0	CS	450	85.59	CLAY	231.694	RIVER
REINSPECTION	S-MA70024604	S-MH60017929	0	S-MH70006293	0	CS	300	87.22	POLYCONC	231.41	RIVER
REINSPECTION	S-MA70024617	S-MH60017801	0	S-MH60017802	0	CS	300	63.5	POLYCLAY	231.715	RIVER
REINSPECTION	S-MA70024622	S-MH60009028	0	S-MH60009031	0	CS	300	94.49	PVC	231.663	RIVER
REINSPECTION	S-MA70024624	S-MH60009077	0	S-MH60009031	0	CS	300	88.63	POLYCLAY	4.443	RIVER
REINSPECTION	S-MA70024629	S-MH60017811	0	S-MH60017812	0	CS	300	65.43	PVC	231.667	RIVER
REINSPECTION	S-MA70024633	S-MH60017810	0	S-MH60017811	0	CS	300	62.58	PVC	231.292	RIVER
REINSPECTION	S-MA70024651	S-MH60017778	0	S-MH60017779	0	CS	300	67.06	PVC	231.797	RIVER
REINSPECTION	S-MA70024659	S-MH60018392	0	S-MH60017460	0	CS	300	88.69	PVC	232	RIVER
REINSPECTION	S-MA70024676	S-MH60017524	0	S-MH60017525	0	CS	375	92.05	PVC	232.16	RIVER
REINSPECTION	S-MA70024683	S-MH60013640	0	S-MH60013641	0	CS	375	101.38	POLYCLAY	231.726	RIVER
REINSPECTION	S-MA70025471	S-MH70002157	0	S-MH70008768	0	CS	300	90.5	PVC	3.91	RIVER
REINSPECTION	S-MA70025472	S-MH70008768	0	S-MH60017741	0	CS	300	13.48	CONCRETE	3.91	RIVER
REINSPECTION	S-MA70025486	S-MH60017714	0	S-MH70008773	0	CS	300	3	PVC	4.29	RIVER
REINSPECTION	S-MA70025487	S-MH70008773	0	S-MH70008774	0	CS	300	86.41	PVC	4.854	RIVER
REINSPECTION	S-MA70025488	S-MH70008774	0	S-MH70006720	0	CS	300	5.6	PVC	4.931	RIVER
REINSPECTION	S-MA70025492	S-PL70011956				CS	300	0.6	POLYCLAY		RIVER
REINSPECTION	S-MA70025785	S-MH60009008	228.42	S-MH70008888	0	CS	375	2.83	PVC	3.91	RIVER
REINSPECTION	S-MA70025786	S-MH70008888	0	S-MH70008889	0	CS	375	102.48	PVC	4.28	RIVER
REINSPECTION	S-MA70025787	S-MH70008889	0	S-MH60009009	0	CS	375	2.94	PVC	4.28	RIVER
REINSPECTION	S-MA70026037	S-MH60017460	0	S-MH70008774	0	CS	300	105.56	PVC	231.824	RIVER
REINSPECTION	S-MA70026552	S-MH60017882	0	S-MH70009254	0	CS	375	10.83	CONCRETE	5.66	RIVER
REINSPECTION	S-MA70026553	S-MH70009254	0	S-MH70009255	0	CS	375	82	CONCRETE	6.095	RIVER
REINSPECTION	S-MA70026554	S-MH70009255	0	S-MH60017883	0	CS	375	9.59	CONCRETE	6.201	RIVER
REINSPECTION	S-MA70026607	S-MH60017742	0	S-MH60017940	0	CS	300	96.31	PVC	231.347	RIVER
REINSPECTION	S-MA70026618	S-MH60017883	0	S-MH60017877	0	CS	450	99.51	CONCRETE	231.541	RIVER
REINSPECTION	S-MA70027697	S-MH70009919	0	S-MH60013632	0	CS	300	53.9	PVC	2.853	RIVER
REINSPECTION	S-MA70027701	S-MH70009920	0	S-MH70001053	0	CS	300	97.1	PVC	3.555	RIVER
REINSPECTION	S-MA70030217	S-MH60017561	0	S-MH60017556	0	CS	300	69.32	CLAY	3.955	RIVER
REINSPECTION	S-MA70030253	S-MH60017529	225.85	S-MH60017525	0	CS	450	18.42	CLAY	6.94	RIVER
REINSPECTION	S-MA70030309	S-MH70001937	0	S-MH60017610	0	CS	294	85.32	POLYFELT	4.485	RIVER
REINSPECTION	S-MA70030328	S-MH60017789	0	S-MH60017850	0	CS	450	96.62	CLAY	7.618	RIVER
REINSPECTION	S-MA70030332	S-MH60009031	0	S-MH60009057	0	CS	450	99.76	CLAY	4.532	RIVER
REINSPECTION	S-MA70030344	S-MH60017780	0	S-MH60017779	0	CS	300	67.06	CLAY	7.027	RIVER
REINSPECTION	S-MA70030347	S-MH60017533	0	S-MH60017525	0	CS	294	93.85	POLYFELT	6.708	RIVER
REINSPECTION	S-MA70030353	S-MH60017549	0	S-MH60017550	0	CS	300	60.35	CLAY	6.436	RIVER
REINSPECTION	S-MA70033181	S-MH60013642	0	S-MH60017853	0	CS	450	84.23	CLAY	231.66	RIVER
REINSPECTION	S-MA70033186	S-MH60017853	0	S-MH60017854	0	CS	450	18.59	STAINLES	5.57	RIVER
REINSPECTION	S-MA70033189	S-MH60017854	0	S-MH60017849	0	CS	450	8.15	STAINLES	231.679	RIVER
REINSPECTION	S-MA70033194	S-MH60017860	0	S-MH60013643	0	CS	300	83.84	STAINLES	231.698	RIVER
REINSPECTION	S-MA70033197	S-MH60017712	0	S-MH60017713	0	CS	300	43.89	CONCRETE	4.141	RIVER
REINSPECTION	S-MA70046549	S-MH70019695	0	S-MH60017503	0	WWS	300	23.06	CONCRETE	5.938	RIVER
REINSPECTION	S-MA70046550	S-MH70000967	0	S-MH70019695	0	WWS	250	70.98	PVC	4.191	RIVER
REINSPECTION	S-MA70061033	S-MH70027846	0	S-MH70027847	0	CS	300	41.12	PVC	3.133	RIVER
REINSPECTION	S-MA70061034	S-MH70027847	0	S-MH70027848	0	CS	300	46.65	PVC	3.133	RIVER

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA70084455	S-MH60013636	0	S-MH70039518	0	CS	375	2.81	CONCRETE	3.915	RIVER
REINSPECTION	S-MA70084457	S-MH70039518	0	S-MH70039517	0	CS	375	93.82	CONCRETE	3.953	RIVER
REINSPECTION	S-MA70084458	S-MH70039517	0	S-MH60013640	0	CS	375	2.61	CONCRETE	4.116	RIVER
REINSPECTION	S-MA70087590	S-TE70029414		S-PL70051993		WWS	300	4.24	CONCRETE		RIVER
REINSPECTION	S-MA70107004	S-MH70051699	0	S-MH70051700	0	WWS	600	183.13	*UNKNOWN		RIVER
REINSPECTION	S-MA70107005	S-MH70051700	0	S-MH70001933	0	WWS	600	140.39	*UNKNOWN		RIVER
REINSPECTION	S-MA00011066	S-MH00008778	0	S-MH00012609	0	CS	300	100.85	CLAY	3.57	SELKIRK
REINSPECTION	S-MA00012714	S-MH00011395	0	S-MH00011495	0	CS	450	100.39	CLAY	3.751	SELKIRK
REINSPECTION	S-MA00012715	S-MH00011396	0	S-MH00011392	0	CS	300	97.54	*UNKNOWN	3.766	SELKIRK
REINSPECTION	S-MA00012730	S-MH00011377	0	S-MH00011401	0	CS	450	100.89	*UNKNOWN	3.837	SELKIRK
REINSPECTION	S-MA00012735	S-MH00011377	0	S-MH00011511	0	CS	375	60.91	CLAY	3.518	SELKIRK
REINSPECTION	S-MA00012736	S-MH00011392	0	S-MH00011377	0	CS	375	91.44	*UNKNOWN	3.776	SELKIRK
REINSPECTION	S-MA00012744	S-MH00011420	0	S-MH00011467	0	CS	375	93.38	*UNKNOWN	2.666	SELKIRK
REINSPECTION	S-MA00012745	S-MH00011401	0	S-MH00011402	0	CS	450	100.51	*UNKNOWN	3.837	SELKIRK
REINSPECTION	S-MA00012759	S-MH00011452	0	S-MH00011507	0	CS	300	100.58	CLAY	4.011	SELKIRK
REINSPECTION	S-MA00012767	S-MH00011421	0	S-MH00011420	0	CS	300	88.7	*UNKNOWN	2.496	SELKIRK
REINSPECTION	S-MA00012768	S-MH00011438	0	S-MH00011437	0	CS	300	97.88	CLAY	3.42	SELKIRK
REINSPECTION	S-MA00012777	S-MH00011440	0	S-MH00011438	0	CS	300	55.17	*UNKNOWN	2.8	SELKIRK
REINSPECTION	S-MA00012778	S-MH00011439	0	S-MH00011440	0	CS	300	4.9	*UNKNOWN	2.8	SELKIRK
REINSPECTION	S-MA00012779	S-MH00011437	0	S-MH00011482	0	CS	450	117.11	CLAY	4.32	SELKIRK
REINSPECTION	S-MA00012785	S-MH00011431	228.73	S-MH00011438	0	CS	300	26.65	*UNKNOWN	2.75	SELKIRK
REINSPECTION	S-MA00012790	S-MH00011425	0	S-MH00011437	0	CS	450	100.11	CLAY	3.41	SELKIRK
REINSPECTION	S-MA00012800	S-MH00011631	0	S-MH00011482	0	CS	300	100.51	CLAY	4.26	SELKIRK
REINSPECTION	S-MA00012822	S-MH00011463	0	S-MH00011483	0	CS	300	93.45	PVC	3.31	SELKIRK
REINSPECTION	S-MA00012824	S-MH00011465	0	S-MH00011460	0	CS	300	64.02	*UNKNOWN	3.19	SELKIRK
REINSPECTION	S-MA00012825	S-MH00011467	0	S-MH00011466	0	CS	375	7.2	*UNKNOWN	2.683	SELKIRK
REINSPECTION	S-MA00012832	S-MH00011521	0	S-MH00011481	0	CS	375	100.89	CLAY	4.345	SELKIRK
REINSPECTION	S-MA00012834	S-MH00011483	0	S-MH00011482	0	CS	300	94.18	CLAY	4.21	SELKIRK
REINSPECTION	S-MA00012843	S-MH00011494	0	S-MH00011507	0	CS	450	100.44	CLAY	3.971	SELKIRK
REINSPECTION	S-MA00012847	S-MH00011511	0	S-MH00011495	0	CS	375	56.74	CLAY	3.671	SELKIRK
REINSPECTION	S-MA00012862	S-MH00011495	0	S-MH00011494	0	CS	450	100.89	CLAY	3.751	SELKIRK
REINSPECTION	S-MA00012872	S-MH00012694	0	S-MH00011518	0	CS	450	98.94	CLAY	3.7	SELKIRK
REINSPECTION	S-MA00012873	S-MH00011518	0	S-MH00011550	0	CS	450	102.37	CLAY	4.03	SELKIRK
REINSPECTION	S-MA00012875	S-MH00011507	0	S-MH00011550	0	CS	750	124.39	CONCRETE	4.02	SELKIRK
REINSPECTION	S-MA00012877	S-MH00011535	0	S-MH00011521	0	CS	375	28.64	CLAY	3.671	SELKIRK
REINSPECTION	S-MA00012885	S-MH00011547	0	S-MH00011529	0	CS	300	94.49	CLAY	2.82	SELKIRK
REINSPECTION	S-MA00012887	S-MH00011529	0	S-MH00011530	0	CS	375	94.49	CLAY	3.75	SELKIRK
REINSPECTION	S-MA00012888	S-MH00011528	0	S-MH00011541	0	CS	300	106.38	*UNKNOWN	4.01	SELKIRK
REINSPECTION	S-MA00012899	S-MH00011530	0	S-MH00011535	0	CS	375	71.6	CLAY	3.75	SELKIRK
REINSPECTION	S-MA00012900	S-MH00011460	0	S-MH00011530	0	CS	300	60.57	*UNKNOWN	3.69	SELKIRK
REINSPECTION	S-MA00012901	S-MH00011540	0	S-MH00011632	0	CS	450	100.59	CLAY	4.73	SELKIRK
REINSPECTION	S-MA00012904	S-MH00011537	227.91	S-MH00011541	0	CS	375	8.65	CLAY	5.24	SELKIRK
REINSPECTION	S-MA00012907	S-MH00011541	0	S-MH00011540	0	CS	375	100.61	CLAY	4.06	SELKIRK
REINSPECTION	S-MA00012913	S-MH00011545	0	S-MH00011537	227.91	CS	375	91.94	CLAY	5.44	SELKIRK
REINSPECTION	S-MA00012923	S-MH00011573	0	S-MH00011574	0	CS	9999	102.95	*UNKNOWN	3.926	SELKIRK
REINSPECTION	S-MA00012927	S-MH00011738	0	S-MH00011569	0	CS	450	100.63	CONCRETE	4.204	SELKIRK
REINSPECTION	S-MA00012928	S-MH00011569	0	S-MH00011838	0	CS	300	116.27	CLAY	4.83	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00012929	S-MH00011588	0	S-MH00011573	0	CS	9999	81.07	*UNKNOWN	3.48	SELKIRK
REINSPECTION	S-MA00012937	S-PL00005381		S-MH00011559	0	CS	9999	20	*UNKNOWN		SELKIRK
REINSPECTION	S-MA00012940	S-MH00011564	0	S-MH00011565	0	CS	9999	56.69	*UNKNOWN	3.717	SELKIRK
REINSPECTION	S-MA00012944	S-MH00011559	0	S-MH00011569	0	CS	300	120.68	CLAY	3.9	SELKIRK
REINSPECTION	S-MA00012945	S-MH00011565	0	S-TE00005386		CS	9999	10.34	*UNKNOWN	3.717	SELKIRK
REINSPECTION	S-MA00012947	S-MH00011574	0	S-MH00011738	0	CS	375	120.68	*UNKNOWN	4.144	SELKIRK
REINSPECTION	S-MA00012968	S-MH00011590	0	S-MH00011588	0	CS	9999	120.57	*UNKNOWN	3.439	SELKIRK
REINSPECTION	S-MA00012969	S-MH00011591	0	S-MH00011590	0	CS	9999	95.1	*UNKNOWN	2.731	SELKIRK
REINSPECTION	S-MA00012989	S-MH00011611	0	S-MH00011613	0	CS	300	33.92	CLAY	2.9	SELKIRK
REINSPECTION	S-MA00012992	S-MH00011624	0	S-MH00011684	0	CS	300	100.58	*UNKNOWN	3.72	SELKIRK
REINSPECTION	S-MA00012993	S-MH00011614	0	S-MH00011623	0	CS	300	104.24	CLAY	3.57	SELKIRK
REINSPECTION	S-MA00012994	S-MH00011613	0	S-MH00011666	0	CS	375	98.15	CLAY	2.967	SELKIRK
REINSPECTION	S-MA00012995	S-MH00011632	0	S-MH00011635	0	CS	750	88.41	CONCRETE	5.29	SELKIRK
REINSPECTION	S-MA00012996	S-MH00011642	0	S-MH00011659	0	CS	300	92.96	*UNKNOWN	3.604	SELKIRK
REINSPECTION	S-MA00012998	S-MH00011641	0	S-MH00013149	0	CS	300	76.2	CLAY	3.33	SELKIRK
REINSPECTION	S-MA00013009	S-MH00011631	0	S-MH00011623	0	CS	300	100.57	*UNKNOWN	3.57	SELKIRK
REINSPECTION	S-MA00013010	S-MH00011624	0	S-MH00011648	227.69	CS	450	115.87	CLAY	4.281	SELKIRK
REINSPECTION	S-MA00013021	S-MH00011622	0	S-MH00011648	227.69	CS	300	94.49	*UNKNOWN	4.311	SELKIRK
REINSPECTION	S-MA00013022	S-MH00011489	0	S-MH00011622	0	CS	300	94.49	*UNKNOWN	3.26	SELKIRK
REINSPECTION	S-MA00013023	S-MH00011623	0	S-MH00011627	0	CS	300	3.66	CLAY	3.571	SELKIRK
REINSPECTION	S-MA00013024	S-MH00011627	0	S-MH00011624	0	CS	300	4.88	CLAY	3.62	SELKIRK
REINSPECTION	S-MA00013029	S-MH00011658	0	S-MH00011713	0	CS	450	100.56	CONCRETE	5.35	SELKIRK
REINSPECTION	S-MA00013041	S-MH00011648	227.69	S-MH00011681	0	CS	450	120.76	CLAY	4.79	SELKIRK
REINSPECTION	S-MA00013051	S-MH00011666	0	S-MH00011664	0	CS	375	125.63	*UNKNOWN	4.593	SELKIRK
REINSPECTION	S-MA00013061	S-MH00011664	0	S-MH00011726	0	CS	375	104.85	CLAY	4.593	SELKIRK
REINSPECTION	S-MA00013066	S-MH00011677	227.7	S-MH00011664	0	CS	600	3	CONCRETE	4.593	SELKIRK
REINSPECTION	S-MA00013067	S-MH00011677	227.7	S-MH00011708	0	CS	300	112.99	*UNKNOWN	3.978	SELKIRK
REINSPECTION	S-MA00013071	S-MH00011662	0	S-MH00011664	0	CS	375	16.73	*UNKNOWN	4.593	SELKIRK
REINSPECTION	S-MA00013072	S-MH00011684	0	S-MH00011662	0	CS	375	85.48	*UNKNOWN	4.519	SELKIRK
REINSPECTION	S-MA00013077	S-MH00011681	0	S-MH00011694	0	CS	450	88.36	CLAY	5.512	SELKIRK
REINSPECTION	S-MA00013092	S-MH00011713	0	S-MH00011694	0	CS	750	90.52	CONCRETE	5.522	SELKIRK
REINSPECTION	S-MA00013102	S-MH00011757	0	S-MH00011708	0	CS	375	99.21	*UNKNOWN	3.348	SELKIRK
REINSPECTION	S-MA00013104	S-MH00011709	227.7	S-MH00011755	0	CS	450	105.56	*UNKNOWN	5.39	SELKIRK
REINSPECTION	S-MA00013117	S-MH00011712	0	S-MH00011749	0	CS	300	95.1	CLAY	3.745	SELKIRK
REINSPECTION	S-MA00013122	S-TE70023468		S-MH00011713	0	CS	750	88.99	CONCRETE		SELKIRK
REINSPECTION	S-MA00013132	S-MH00011726	0	S-MH00011727	0	CS	375	105.16	*UNKNOWN	4.645	SELKIRK
REINSPECTION	S-MA00013140	S-MH00011727	0	S-MH00011839	0	CS	450	101.2	CLAY	4.75	SELKIRK
REINSPECTION	S-MA00013141	S-MH00011738	0	S-MH00011727	0	CS	450	125.6	*UNKNOWN	4.959	SELKIRK
REINSPECTION	S-MA00013158	S-MH00011749	0	S-MH00011766	0	CS	300	92.96	CLAY	4.85	SELKIRK
REINSPECTION	S-MA00013159	S-MH00011774	0	S-MH00011757	0	CS	300	99.06	*UNKNOWN	3.01	SELKIRK
REINSPECTION	S-MA00013160	S-MH00011755	0	S-MH00011763	0	CS	300	8.69	AC	5.14	SELKIRK
REINSPECTION	S-MA00013166	S-MH00011766	0	S-MH00011756	0	CS	450	90.5	*UNKNOWN	6.11	SELKIRK
REINSPECTION	S-MA00013167	S-MH00011755	0	S-MH00011756	0	CS	450	88.4	*UNKNOWN	6.08	SELKIRK
REINSPECTION	S-MA00013172	S-MH00011750	0	S-MH00011778	227.834	CS	300	82.47	CONCRETE	4.29	SELKIRK
REINSPECTION	S-MA00013184	S-MH00013397	0	S-MH00011767	0	CS	300	88.5	CLAY	4.42	SELKIRK
REINSPECTION	S-MA00013185	S-MH00011767	0	S-MH00011887	0	CS	300	100.58	CONCRETE	4.42	SELKIRK
REINSPECTION	S-MA00013186	S-MH00011768	0	S-MH00011766	0	CS	300	77.4	CONCRETE	4.7	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00013187	S-MH00011766	0	S-MH00011846	0	CS	375	100.4	CLAY	4.85	SELKIRK
REINSPECTION	S-MA00013192	S-MH00011770	0	S-MH00011856	0	CS	300	97.54	CLAY	3.93	SELKIRK
REINSPECTION	S-MA00013198	S-MH00011778	227.834	S-MH00011767	0	CS	300	9.09	CLAY	4.43	SELKIRK
REINSPECTION	S-MA00013213	S-MH00011802	0	S-MH00011792	0	CS	300	108.14	CLAY	4.42	SELKIRK
REINSPECTION	S-MA00013214	S-MH00011801	0	S-MH00011802	0	CS	300	12.55	CLAY	2.88	SELKIRK
REINSPECTION	S-MA00013215	S-MH00011800	0	S-MH00011801	0	CS	300	14.45	*UNKNOWN	2.389	SELKIRK
REINSPECTION	S-MA00013216	S-MH00011793	0	S-MH00011827	0	CS	600	123.12	CONCRETE	4.8	SELKIRK
REINSPECTION	S-MA00013220	S-MH00011797	0	S-MH00011798	0	CS	300	60.66	CLAY	4.243	SELKIRK
REINSPECTION	S-MA00013221	S-MH00011798	0	S-MH00011902	0	CS	300	60.05	CLAY	4.54	SELKIRK
REINSPECTION	S-MA00013223	S-MH00011792	0	S-MH00011791	0	CS	450	89.69	CONCRETE	4.39	SELKIRK
REINSPECTION	S-MA00013224	S-MH00011912	0	S-MH00011791	0	CS	300	131.08	*UNKNOWN	4.098	SELKIRK
REINSPECTION	S-MA00013225	S-MH00012386	0	S-MH00011791	0	CS	375	126.19	*UNKNOWN	4.18	SELKIRK
REINSPECTION	S-MA00013242	S-MH00011828	0	S-MH00011827	0	CS	600	9.02	CONCRETE	4.682	SELKIRK
REINSPECTION	S-MA00013262	S-MH00011839	0	S-TE00005529		CS	450	5.68	CONCRETE	4.77	SELKIRK
REINSPECTION	S-MA00013268	S-MH00011838	0	S-TE00005549		CS	450	27.26	*UNKNOWN	4.91	SELKIRK
REINSPECTION	S-MA00013269	S-MH00011839	0	S-MH00011838	0	CS	300	9.65	CLAY	4.8	SELKIRK
REINSPECTION	S-MA00013270	S-MH00011874	0	S-MH00011839	0	CS	300	115.57	CLAY	4.75	SELKIRK
REINSPECTION	S-MA00013275	S-MH00011856	0	S-MH00011962	0	CS	375	100.62	CLAY	4.49	SELKIRK
REINSPECTION	S-MA00013281	S-MH00011846	0	S-MH00011852	0	CS	375	3.35	CLAY	4.817	SELKIRK
REINSPECTION	S-MA00013282	S-MH00011852	0	S-MH00011882	0	CS	375	97.23	CLAY	5.08	SELKIRK
REINSPECTION	S-MA00013308	S-MH00011888	0	S-MH00011974	0	CS	375	100.62	CLAY	4.67	SELKIRK
REINSPECTION	S-MA00013317	S-MH00011966	0	S-MH00011882	0	CS	600	90.52	BRICK	5.29	SELKIRK
REINSPECTION	S-MA00013320	S-MH00011882	0	S-MH00011883	0	CS	600	90.49	BRICK	6.07	SELKIRK
REINSPECTION	S-MA00013321	S-MH00011887	0	S-MH00011966	0	CS	300	100.63	CONCRETE	4.81	SELKIRK
REINSPECTION	S-MA00013334	S-MH00011902	0	S-TE00005576		CS	300	2.38	CLAY	4.61	SELKIRK
REINSPECTION	S-MA00013368	S-MH00011919	0	S-MH00012031	0	CS	300	93.88	CLAY	3.082	SELKIRK
REINSPECTION	S-MA00013409	S-MH00011961	0	S-MH00012024	0	CS	300	94.49	CONCRETE	3.56	SELKIRK
REINSPECTION	S-MA00013415	S-MH00011962	0	S-MH70006705	0	CS	375	73.64	CLAY	5.046	SELKIRK
REINSPECTION	S-MA00013417	S-MH00011974	0	S-MH00011966	0	CS	375	88.47	CLAY	4.88	SELKIRK
REINSPECTION	S-MA00013428	S-MH00011989	0	S-MH00011980	0	CS	450	100.89	CLAY	5.19	SELKIRK
REINSPECTION	S-MA00013431	S-MH70006705	0	S-MH00011980	0	CS	375	26.91	CLAY	5.11	SELKIRK
REINSPECTION	S-MA00013434	S-MH00012040	0	S-MH00011986	0	CS	600	44.81	BRICK	5.071	SELKIRK
REINSPECTION	S-MA00013435	S-MH00012038	0	S-MH00012003	0	CS	300	89	CLAY	3.24	SELKIRK
REINSPECTION	S-MA00013439	S-MH00012007	0	S-MH00011989	0	CS	450	80.77	CLAY	4.57	SELKIRK
REINSPECTION	S-MA00013440	S-MH00012013	0	S-MH00011989	0	CS	225	40.54	*UNKNOWN	4.64	SELKIRK
REINSPECTION	S-MA00013444	S-MH00011986	0	S-MH00011983	0	CS	600	48.85	BRICK	6.17	SELKIRK
REINSPECTION	S-MA00013451	S-PL00005630		S-TE00005631		CS	300	18.29	*UNKNOWN		SELKIRK
REINSPECTION	S-MA00013460	S-MH00012003	0	S-MH00012004	0	CS	300	2.53	CLAY	3.138	SELKIRK
REINSPECTION	S-MA00013461	S-MH00012004	0	S-MH00012090	0	CS	300	85.86	CLAY	3.616	SELKIRK
REINSPECTION	S-MA00013463	S-MH00012091	0	S-MH00012007	0	CS	300	107.26	CLAY	4.22	SELKIRK
REINSPECTION	S-MA00013478	S-MH00012031	0	S-MH00012040	0	CS	300	94.49	CLAY	4.64	SELKIRK
REINSPECTION	S-MA00013479	S-MH00013467	0	S-MH00012067	0	CS	300	94.49	CLAY	3.53	SELKIRK
REINSPECTION	S-MA00013482	S-MH00012025	0	S-MH00012068	0	CS	300	94.79	CLAY	3.446	SELKIRK
REINSPECTION	S-MA00013490	S-MH00013466	0	S-MH00013465	0	CS	450	4.83	CLAY	4.6	SELKIRK
REINSPECTION	S-MA00013492	S-MH00012055	0	S-MH00012153	0	CS	375	111.64	CLAY	4.27	SELKIRK
REINSPECTION	S-MA00013493	S-MH00012035	0	S-MH00012055	0	CS	300	87.83	CONCRETE	4.09	SELKIRK
REINSPECTION	S-MA00013495	S-MH00012035	0	S-TE70023467		CS	600	1.53	BRICK	4.04	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00013498	S-TE70023467		S-MH00012034	0	CS	600	82.04	BRICK		SELKIRK
REINSPECTION	S-MA00013506	S-MH00012045	0	S-MH00012154	0	CS	300	79.9	CLAY	3.39	SELKIRK
REINSPECTION	S-MA00013514	S-MH00012065	0	S-MH00012055	0	CS	300	71.44	CLAY	4.43	SELKIRK
REINSPECTION	S-MA00013517	S-MH00013451	227.66	S-MH00012076	0	CS	300	7.01	CLAY	3.87	SELKIRK
REINSPECTION	S-MA00013527	S-MH00012067	0	S-MH00012064	0	CS	300	94.18	CONCRETE	3.9	SELKIRK
REINSPECTION	S-MA00013534	S-MH00012065	0	S-MH00012077	227.1	CS	300	65.6	PVC	4.478	SELKIRK
REINSPECTION	S-MA00013535	S-MH00012064	0	S-MH00012065	0	CS	300	1.15	CLAY	3.93	SELKIRK
REINSPECTION	S-MA00013536	S-MH00012063	0	S-MH00012064	0	CS	300	71.63	CLAY	3.9	SELKIRK
REINSPECTION	S-MA00013538	S-MH00012061	0	S-MH00012055	0	CS	300	7.01	CLAY	4.24	SELKIRK
REINSPECTION	S-MA00013549	S-MH00012093	0	S-MH00012078	0	CS	300	43.07	CLAY	5.182	SELKIRK
REINSPECTION	S-MA00013550	S-MH00012095	0	S-MH00012093	0	CS	300	17.35	CLAY	5.182	SELKIRK
REINSPECTION	S-MA00013553	S-MH00012094	0	S-MH00012095	0	CS	300	59.74	CLAY	4.59	SELKIRK
REINSPECTION	S-MA00013554	S-MH00011915	0	S-MH00012094	0	CS	300	35.97	*UNKNOWN	3.84	SELKIRK
REINSPECTION	S-MA00013561	S-MH00011952	0	S-MH00012078	0	CS	300	76.99	CLAY	4.89	SELKIRK
REINSPECTION	S-MA00013585	S-MH00012110	0	S-MH00012116	0	CS	300	11.52	CLAY	5.154	SELKIRK
REINSPECTION	S-MA00013586	S-MH00012117	0	S-MH00012110	0	CS	300	8.79	CLAY	5.154	SELKIRK
REINSPECTION	S-MA00013590	S-MH00012115	0	S-MH00012278	0	CS	375	110.53	CLAY	230.958	SELKIRK
REINSPECTION	S-MA00013591	S-MH00012239	0	S-MH00012117	0	CS	300	83.21	CLAY	5.01	SELKIRK
REINSPECTION	S-MA00013592	S-MH00012116	0	S-MH00012118	0	CS	375	71.97	CLAY	5.32	SELKIRK
REINSPECTION	S-MA00013593	S-MH00012118	0	S-MH00012115	0	CS	375	11.49	CLAY	5.391	SELKIRK
REINSPECTION	S-MA00013605	S-MH00012126	0	S-MH00012280	0	CS	300	112.32	CLAY	3.91	SELKIRK
REINSPECTION	S-MA00013606	S-MH00012135	0	S-MH00012127	0	CS	600	10.93	BRICK	6.44	SELKIRK
REINSPECTION	S-MA00013611	S-MH00012133	0	S-MH00012136	225.24	CS	450	20.33	CLAY	5.57	SELKIRK
REINSPECTION	S-MA00013616	S-MH00012127	0	S-MH00012134	0	CS	600	63.85	BRICK	6.91	SELKIRK
REINSPECTION	S-MA00013634	S-MH00012077	227.1	S-MH00012150	0	CS	300	36.63	PVC	4.478	SELKIRK
REINSPECTION	S-MA00013635	S-MH00012150	0	S-MH00012175	0	CS	300	97.3	PVC	5.03	SELKIRK
REINSPECTION	S-MA00013640	S-MH00012153	0	S-MH00012160	0	CS	375	111.86	CLAY	5.31	SELKIRK
REINSPECTION	S-MA00013641	S-MH00012076	0	S-MH00012147	0	CS	300	92.57	CLAY	3.8	SELKIRK
REINSPECTION	S-MA00013642	S-MH00012154	0	S-MH00012159	0	CS	300	78.64	CLAY	5.66	SELKIRK
REINSPECTION	S-MA00013644	S-MH00012160	0	S-MH00012159	0	CS	450	91.73	CLAY	5.77	SELKIRK
REINSPECTION	S-MA00013645	S-MH00012156	0	S-MH00012160	0	CS	300	17.99	CONCRETE	5.33	SELKIRK
REINSPECTION	S-MA00013647	S-MH00012175	0	S-MH00012160	0	CS	450	74.78	CLAY	5.37	SELKIRK
REINSPECTION	S-MA00013648	S-MH00012158	0	S-MH00012175	0	CS	300	38.21	CONCRETE	5.03	SELKIRK
REINSPECTION	S-MA00013652	S-MH00012159	0	S-MH00012163	0	CS	600	6.5	BRICK	5.79	SELKIRK
REINSPECTION	S-MA00013656	S-MH00012304	0	S-MH00012158	0	CS	300	91.8	CONCRETE	4.63	SELKIRK
REINSPECTION	S-MA00013659	S-MH00012295	0	S-MH00012156	0	CS	300	103.1	CONCRETE	4.959	SELKIRK
REINSPECTION	S-MA00013662	S-MH00012166	227.34	S-MH00012167	0	CS	375	44.87	CLAY	4.608	SELKIRK
REINSPECTION	S-MA00013663	S-MH00013732	0	S-MH00012166	227.34	CS	375	18.4	CLAY	4.48	SELKIRK
REINSPECTION	S-MA00013665	S-MH00012167	0	S-MH00012176	0	CS	375	18.9	CLAY	4.608	SELKIRK
REINSPECTION	S-MA00013677	S-MH00012179	0	S-MH00012175	0	CS	375	17.06	CLAY	5.06	SELKIRK
REINSPECTION	S-MA00013680	S-MH00012302	0	S-MH00012176	0	CS	300	88.54	CLAY	4.59	SELKIRK
REINSPECTION	S-MA00013682	S-MH00012176	0	S-MH00012179	0	CS	375	74.24	CLAY	4.902	SELKIRK
REINSPECTION	S-MA00013745	S-MH00012321	0	S-MH00012235	0	CS	300	107.24	CLAY	3.26	SELKIRK
REINSPECTION	S-MA00013749	S-MH00012253	0	S-MH00012239	0	CS	300	85.65	CLAY	3.587	SELKIRK
REINSPECTION	S-MA00013763	S-MH00012252	0	S-MH00012253	0	CS	300	83.51	CLAY	3.089	SELKIRK
REINSPECTION	S-MA00013784	S-MH00012280	0	S-MH00012279	0	CS	375	97.87	CLAY	6.92	SELKIRK
REINSPECTION	S-MA00013785	S-MH00012278	0	S-MH00012279	0	CS	450	86.52	CLAY	6.86	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00013787	S-MH00012336	0	S-MH00012280	0	CS	300	61.56	CLAY	3.91	SELKIRK
REINSPECTION	S-MA00013790	S-MH00012318	0	S-MH00012283	0	CS	300	80.77	CLAY	3.35	SELKIRK
REINSPECTION	S-MA00013802	S-MH00012293	0	S-MH00012294	0	CS	300	23.47	CLAY	4.6	SELKIRK
REINSPECTION	S-MA00013803	S-MH00012326	0	S-MH00012295	0	CS	300	127.75	CONCRETE	3.79	SELKIRK
REINSPECTION	S-MA00013809	S-MH00012303	0	S-MH00012302	0	CS	300	10	CONCRETE	3.86	SELKIRK
REINSPECTION	S-MA00013810	S-MH00012328	0	S-MH00012303	0	CS	300	84	CONCRETE	3.84	SELKIRK
REINSPECTION	S-MA00013812	S-MH00012335	0	S-MH00012310	0	CS	300	85.34	CLAY	3.43	SELKIRK
REINSPECTION	S-MA00013814	S-MH00012329	227.51	S-MH00012304	0	CS	300	85.83	CONCRETE	4.04	SELKIRK
REINSPECTION	S-MA00013816	S-MH00012311	0	S-MH00012321	0	CS	250	4.14	CLAY	3.031	SELKIRK
REINSPECTION	S-MA00013824	S-MH00012319	0	S-MH00012321	0	CS	250	40.87	CLAY	3.005	SELKIRK
REINSPECTION	S-MA00013829	S-MH00012350	228.4	S-MH00012328	0	CS	300	65.8	CONCRETE	3.29	SELKIRK
REINSPECTION	S-MA00013842	S-MH00012351	0	S-MH00012335	0	CS	300	85.34	CLAY	2.98	SELKIRK
REINSPECTION	S-MA00013845	S-MH00012349	0	S-MH00012329	227.51	CS	300	40.41	CONCRETE	3.4	SELKIRK
REINSPECTION	S-MA00013847	S-MH00012355	228.38	S-MH00012336	0	CS	300	64.93	CLAY	3.39	SELKIRK
REINSPECTION	S-MA00013858	S-MH00012355	228.38	S-MH00012354	0	CS	9999	1.25	CONCRETE	3.33	SELKIRK
REINSPECTION	S-MA00013886	S-PL00005819		S-MH00012386	0	CS	300	122.31	*UNKNOWN		SELKIRK
REINSPECTION	S-MA00013889	S-MH00012389	0	S-MH00011801	0	CS	300	33.25	*UNKNOWN	2.453	SELKIRK
REINSPECTION	S-MA00014106	S-MH00012589	0	S-MH00012589	0	CS	450	100.58	CLAY	3.824	SELKIRK
REINSPECTION	S-MA00014107	S-MH00012590	0	S-MH00012589	0	CS	450	100.66	CLAY	3.296	SELKIRK
REINSPECTION	S-MA00014121	S-MH00012584	0	S-MH00012583	0	CS	300	93.88	CLAY	3.44	SELKIRK
REINSPECTION	S-MA00014131	S-MH00012609	0	S-MH00012650	0	CS	300	100.58	CLAY	3.93	SELKIRK
REINSPECTION	S-MA00014132	S-MH00012612	0	S-MH00012657	0	CS	375	100.58	CLAY	3.721	SELKIRK
REINSPECTION	S-MA00014133	S-MH00012613	229.55	S-MH00012612	0	CS	300	88.39	CLAY	2.9	SELKIRK
REINSPECTION	S-MA00014179	S-MH00012651	0	S-MH00012728	0	CS	450	94.17	CONCRETE	4.027	SELKIRK
REINSPECTION	S-MA00014180	S-MH00012650	0	S-MH00012651	0	CS	450	7.32	CLAY	4.027	SELKIRK
REINSPECTION	S-MA00014187	S-MH00012607	228.54	S-MH00012729	0	CS	375	102.18	CLAY	3.57	SELKIRK
REINSPECTION	S-MA00014190	S-MH00012656	0	S-MH00012650	0	CS	450	77.97	CLAY	3.99	SELKIRK
REINSPECTION	S-MA00014191	S-MH00012749	0	S-MH00012657	0	CS	9999	78.77		3.726	SELKIRK
REINSPECTION	S-MA00014192	S-MH00012657	0	S-MH00012656	0	CS	375	11.59	CLAY	3.741	SELKIRK
REINSPECTION	S-MA00014225	S-MH00012679	0	S-MH00012705	0	CS	450	102.25	CLAY	4.52	SELKIRK
REINSPECTION	S-MA00014228	S-MH00012685	0	S-MH00012684	0	CS	300	106.68	CLAY	3.358	SELKIRK
REINSPECTION	S-MA00014239	S-MH00012693	0	S-MH00012694	0	CS	450	100.6	CLAY	3.71	SELKIRK
REINSPECTION	S-MA00014250	S-MH00012694	0	S-MH00012807	0	CS	300	120.82	CLAY	4.469	SELKIRK
REINSPECTION	S-MA00014251	S-MH00012807	0	S-MH00012679	0	CS	450	99.67	CLAY	4.469	SELKIRK
REINSPECTION	S-MA00014257	S-MH00012712	0	S-MH00012713	0	CS	725	90.6	POLYFELT	4.96	SELKIRK
REINSPECTION	S-MA00014272	S-MH00012711	0	S-MH00011545	0	CS	300	87.78	CLAY	3.49	SELKIRK
REINSPECTION	S-MA00014275	S-MH00012721	0	S-MH00013162	0	CS	300	93.88	CONCRETE	2.61	SELKIRK
REINSPECTION	S-MA00014281	S-MH00012793	0	S-MH00012738	0	CS	300	79.25	CLAY	4	SELKIRK
REINSPECTION	S-MA00014284	S-MH00012738	0	S-MH00012741	0	CS	450	3.95	CLAY	4	SELKIRK
REINSPECTION	S-MA00014285	S-MH00012741	0	S-MH00012787	0	CS	450	97.57	CLAY	3.924	SELKIRK
REINSPECTION	S-MA00014311	S-PL00006024		S-MH00012755	0	CS	300	45.52	*UNKNOWN		SELKIRK
REINSPECTION	S-MA00014327	S-MH70008894	0	S-MH00012770	0	CS	300	42.16	PVC	3.2	SELKIRK
REINSPECTION	S-MA00014329	S-MH00012897	0	S-MH00012770	0	CS	300	85.5	CLAY	3.21	SELKIRK
REINSPECTION	S-MA00014335	S-MH00012778	0	S-MH00012888	0	CS	375	100.17	CLAY	3.596	SELKIRK
REINSPECTION	S-MA00014336	S-MH00012780	0	S-MH00012899	0	CS	300	85.34	CLAY	3.22	SELKIRK
REINSPECTION	S-MA00014342	S-MH00012787	0	S-MH00012807	0	CS	450	99.06	CLAY	4.469	SELKIRK
REINSPECTION	S-MA00014346	S-MH00012888	0	S-MH00012840	0	CS	375	100.58	CLAY	3.631	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00014347	S-MH00012794	0	S-MH00012786		CS	600	0.5	CONCRETE	4.116	SELKIRK
REINSPECTION	S-MA00014347	S-MH00012794	0	S-MH00012786		CS	600	55	CONCRETE	4.116	SELKIRK
REINSPECTION	S-MA00014347	S-MH00012794	0	S-MH00012786		CS	600	39.9	CONCRETE	4.116	SELKIRK
REINSPECTION	S-MA00014348	S-MH00012795	0	S-MH00012888	0	CS	300	77.11	CLAY	3.416	SELKIRK
REINSPECTION	S-MA00014349	S-MH00012796	228.01	S-MH00012794	0	CS	450	9.91	CLAY	4.106	SELKIRK
REINSPECTION	S-MA00014350	S-MH00012786	0	S-MH00012808	0	CS	600	98.3	CONCRETE	4.41	SELKIRK
REINSPECTION	S-MA00014359	S-MH00012799	0	S-MH00012819	0	CS	300	93.57	CLAY	3.63	SELKIRK
REINSPECTION	S-MA00014363	S-MH00012866	0	S-MH00012798	0	CS	300	90.52	CLAY	4.63	SELKIRK
REINSPECTION	S-MA00014364	S-MH00012808	0	S-MH00012809	0	CS	600	100.28	CONCRETE	3.93	SELKIRK
REINSPECTION	S-MA00014370	S-MH00012806	0	S-MH00012807	0	CS	300	44.5	CLAY	231.474	SELKIRK
REINSPECTION	S-MA00014371	S-MH00012809	0	S-MH00012800	0	CS	600	102.08	CONCRETE	4.88	SELKIRK
REINSPECTION	S-MA00014378	S-MH00012819	0	S-MH00012713	0	CS	375	96.62	CONCRETE	4.46	SELKIRK
REINSPECTION	S-MA00014391	S-TE00006085		S-MH00012820	0	CS	738	88.39	POLYFELT		SELKIRK
REINSPECTION	S-MA00014396	S-MH00012858	0	S-MH00012844	0	CS	300	87.48	CLAY	3.19	SELKIRK
REINSPECTION	S-MA00014407	S-MH00012840	0	S-MH00012831	0	CS	450	99.45	CLAY	4.268	SELKIRK
REINSPECTION	S-MA00014413	S-MH00012871	0	S-TE00006085		CS	750	0.89	CONCRETE	4.22	SELKIRK
REINSPECTION	S-MA00014422	S-MH00012857	228.57	S-MH00012859	0	CS	300	7.1	CLAY	5.8	SELKIRK
REINSPECTION	S-MA00014425	S-MH00012859	0	S-MH00012870	0	CS	375	100.89	CLAY	3.58	SELKIRK
REINSPECTION	S-MA00014430	S-MH00012858	0	S-MH00012867	228.26	CS	375	93.44	CLAY	5.45	SELKIRK
REINSPECTION	S-MA00014431	S-MH00012867	228.26	S-MH00012866	0	CS	375	7.14	CLAY	5.46	SELKIRK
REINSPECTION	S-MA00014445	S-MH00012891	0	S-MH00012944	0	CS	450	100.58	CLAY	3.76	SELKIRK
REINSPECTION	S-MA00014449	S-MH00012775	0	S-MH00012891	0	CS	375	100.58	CLAY	3.564	SELKIRK
REINSPECTION	S-MA00014452	S-MH00012899	0	S-MH00012996	0	CS	375	100.58	CLAY	3.685	SELKIRK
REINSPECTION	S-MA00014453	S-MH00012883	0	S-MH00012996	0	CS	300	76.2	CLAY	3.515	SELKIRK
REINSPECTION	S-MA00014474	S-MH00012900	0	S-TE00006101		CS	300	12	CONCRETE	2.636	SELKIRK
REINSPECTION	S-MA00014491	S-MH00012920	0	S-MH00013018	0	CS	300	94.49	CLAY	2.989	SELKIRK
REINSPECTION	S-MA00014502	S-MH00013037	0	S-MH00012986	0	CS	300	91.96	CLAY	3.02	SELKIRK
REINSPECTION	S-MA00014503	S-MH00012993	228.4	S-MH00012931	0	CS	450	98.14	CLAY	3.79	SELKIRK
REINSPECTION	S-MA00014521	S-MH00012929	0	S-MH00012964	0	CS	300	87.47	CLAY	2.68	SELKIRK
REINSPECTION	S-MA00014531	S-MH00012956	0	S-MH00012950	0	CS	375	109.73	CLAY	3.61	SELKIRK
REINSPECTION	S-MA00014534	S-MH00012958	228.32	S-MH00012956	0	CS	375	7.06	CLAY	5.68	SELKIRK
REINSPECTION	S-MA00014541	S-MH00012986	0	S-MH00012958	228.32	CS	300	88.04	CLAY	5.68	SELKIRK
REINSPECTION	S-MA00014553	S-MH00012976	228.8	S-MH00012975	0	CS	450	100.49	CLAY	3.2	SELKIRK
REINSPECTION	S-MA00014569	S-MH00012997	0	S-MH00012996	0	CS	300	56.39	CLAY	3.485	SELKIRK
REINSPECTION	S-MA00014570	S-MH00012989	0	S-MH00013018	0	CS	300	66.45	CLAY	3.169	SELKIRK
REINSPECTION	S-MA00014571	S-MH00012990	228.55	S-MH00013024	0	CS	450	96.44	CLAY	3.55	SELKIRK
REINSPECTION	S-MA00014572	S-MH00012991	0	S-MH00012990	228.55	CS	450	4.13	CLAY	3.431	SELKIRK
REINSPECTION	S-MA00014575	S-MH00012996	0	S-MH00012993	228.4	CS	375	2.44	CLAY	3.79	SELKIRK
REINSPECTION	S-MA00014621	S-MH00013032	0	S-MH00012976	228.8	CS	375	94.61	CLAY	2.908	SELKIRK
REINSPECTION	S-MA00014622	S-MH00013035	0	S-MH00013038	0	CS	600	4.47	CLAY	3.92	SELKIRK
REINSPECTION	S-MA00014655	S-MH70004963	0	S-MH00013065	0	CS	300	40.3	CONCRETE	3.562	SELKIRK
REINSPECTION	S-MA00014737	S-MH00013243	0	S-MH00013161	0	CS	375	100.58	CONCRETE	3.961	SELKIRK
REINSPECTION	S-MA00014738	S-MH00013161	0	S-MH00013148	0	CS	375	100.46	CONCRETE	5.023	SELKIRK
REINSPECTION	S-MA00014739	S-MH00013160	0	S-MH00013243	0	CS	300	77.42	CLAY	3.567	SELKIRK
REINSPECTION	S-MA00014746	S-MH00013162	0	S-MH00013140	228.31	CS	375	87.83	CONCRETE	3.44	SELKIRK
REINSPECTION	S-MA00014747	S-MH00013140	228.31	S-MH00013149	0	CS	375	6.94	CONCRETE	3.58	SELKIRK
REINSPECTION	S-MA00014755	S-MH00013235	0	S-MH00013390	0	CS	300	86.87	CLAY	2.927	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00014761	S-MH00013149	0	S-MH00011658	0	CS	450	100.64	CONCRETE	3.66	SELKIRK
REINSPECTION	S-MA00014762	S-MH00013147	0	S-MH00011750	0	CS	300	104.88	CLAY	3.358	SELKIRK
REINSPECTION	S-MA00014766	S-MH00013148	0	S-TE70023468		CS	750	1.55	CONCRETE	5.15	SELKIRK
REINSPECTION	S-MA00014771	S-MH70015895	0	S-MH00013185	0	CS	600	4.9	CONCRETE	3.92	SELKIRK
REINSPECTION	S-MA00014783	S-MH00013219	0	S-MH00013184	0	CS	300	40.31	CLAY	3.747	SELKIRK
REINSPECTION	S-MA00014786	S-MH00012829	0	S-MH00013188	0	CS	300	94.65	CLAY	3.118	SELKIRK
REINSPECTION	S-MA00014792	S-MH00013185	0	S-MH00012871	0	CS	600	73.88	POLYFELT	4.18	SELKIRK
REINSPECTION	S-MA00014793	S-MH00012975	0	S-MH00013184	0	CS	450	100.66	CLAY	3.8	SELKIRK
REINSPECTION	S-MA00014797	S-MH00013178	0	S-MH00013261	228.3	CS	300	93.36	CLAY	6.26	SELKIRK
REINSPECTION	S-MA00014798	S-MH00013184	0	S-TE70023447		CS	600	1.53	CONCRETE	3.83	SELKIRK
REINSPECTION	S-MA00014846	S-MH00013254	0	S-MH00013242	0	CS	375	100.3	CLAY	3.854	SELKIRK
REINSPECTION	S-MA00014848	S-MH00013241	0	S-MH00013254	0	CS	300	75.59	CLAY	3.537	SELKIRK
REINSPECTION	S-MA00014855	S-MH00013229	228.12	S-MH00013243	0	CS	300	7.84	CLAY	5.9	SELKIRK
REINSPECTION	S-MA00014860	S-MH00013234	0	S-MH00013389	0	CS	300	94.42	CLAY	3.44	SELKIRK
REINSPECTION	S-MA00014872	S-MH00013247	0	S-MH00013249	0	CS	600	12.83	CONCRETE	4.494	SELKIRK
REINSPECTION	S-MA00014873	S-MH00013249	0	S-MH00013246	0	CS	600	60.54	POLYFELT	4.72	SELKIRK
REINSPECTION	S-MA00014875	S-MH00013307	0	S-MH00013342	0	CS	300	100.44	CLAY	3.55	SELKIRK
REINSPECTION	S-MA00014876	S-MH00013251	0	S-MH00013307	0	CS	300	67.77	CLAY	3.376	SELKIRK
REINSPECTION	S-MA00014877	S-MH00013260	228.32	S-MH00013255	0	CS	300	20.57	CONCRETE	3.987	SELKIRK
REINSPECTION	S-MA00014878	S-MH00013255	0	S-MH00013337	0	CS	375	87.4	CONCRETE	3.987	SELKIRK
REINSPECTION	S-MA00014891	S-MH00013261	228.3	S-MH00013254	0	CS	375	7.07	CLAY	6.384	SELKIRK
REINSPECTION	S-MA00014892	S-MH00013253	0	S-MH00013260	228.32	CS	300	94.87	CONCRETE	3.557	SELKIRK
REINSPECTION	S-MA00014979	S-MH00013342	0	S-MH00013401	0	CS	300	100.28	CLAY	4.13	SELKIRK
REINSPECTION	S-MA00015021	S-MH00013406	0	S-MH00013487	0	CS	300	100.08	CLAY	3.69	SELKIRK
REINSPECTION	S-MA00015040	S-MH00013435	0	S-MH00013397	0	CS	300	42.37	CONCRETE	3.543	SELKIRK
REINSPECTION	S-MA00015053	S-TE00006405		S-MH00013400	0	CS	250	13.94	AC		SELKIRK
REINSPECTION	S-MA00015054	S-MH00013401	0	S-TE00006405		CS	450	1.53	CONCRETE	4.14	SELKIRK
REINSPECTION	S-MA00015059	S-MH00013400	0	S-MH00013406	0	CS	300	88.87	CLAY	2.886	SELKIRK
REINSPECTION	S-MA00015091	S-MH00013441	0	S-MH00013440	0	CS	375	82.56	CONCRETE	4.271	SELKIRK
REINSPECTION	S-MA00015093	S-MH00013439	0	S-MH00013487	0	CS	300	67.67	CONCRETE	3.74	SELKIRK
REINSPECTION	S-MA00015100	S-MH00013438	0	S-MH00013441	0	CS	375	18.04	CONCRETE	4.269	SELKIRK
REINSPECTION	S-MA00015111	S-MH00013460	0	S-MH00013451	227.66	CS	300	93.58	CLAY	3.82	SELKIRK
REINSPECTION	S-MA00015116	S-MH00013488	0	S-MH00013469	0	CS	375	100.28	CLAY	4.63	SELKIRK
REINSPECTION	S-MA00015119	S-MH00013468	0	S-MH00013460	0	CS	300	88.09	CLAY	3.24	SELKIRK
REINSPECTION	S-MA00015120	S-MH00013469	0	S-MH00013466	0	CS	450	85.43	CLAY	4.65	SELKIRK
REINSPECTION	S-MA00015140	S-MH00013487	0	S-MH00013479	0	CS	375	5.63	PVC	3.71	SELKIRK
REINSPECTION	S-MA00015141	S-MH00013479	0	S-MH00013488	0	CS	375	95.24	PVC	3.74	SELKIRK
REINSPECTION	S-MA00015806	S-MH00011402	0	S-TE70023469		CS	450	1.57	CLAY	3.682	SELKIRK
REINSPECTION	S-MA00015807	S-TE70023469		S-MH00011507	0	CS	450	115.59	CLAY		SELKIRK
REINSPECTION	S-MA00015810	S-MH00011727	0	S-TE00005492		CS	600	114.35	BRICK	5.267	SELKIRK
REINSPECTION	S-MA00015811	S-TE00005492		S-MH00011773	0	CS	600	1.53	BRICK		SELKIRK
REINSPECTION	S-MA00015814	S-MH00012755	0	S-MH00012775	0	CS	375	100.56	CLAY	3.12	SELKIRK
REINSPECTION	S-MA00015828	S-MH00013283	0	S-MH00013310	228.54	CS	300	93.42	CONCRETE	3.807	SELKIRK
REINSPECTION	S-MA00015829	S-MH00013310	228.54	S-MH00013307	0	CS	300	7.22	CLAY	3.93	SELKIRK
REINSPECTION	S-MA00016053	S-MH00014157	0	S-MH00012820	0	CS	450	12.16	PVC	4.33	SELKIRK
REINSPECTION	S-MA00016443	S-MH00014268	0	S-MH00014267	0	WWS	250	54.18	CONCRETE	3.84	SELKIRK
REINSPECTION	S-MA00016444	S-MH00014267	0	S-MH00014266	0	WWS	250	19	PVC	3.87	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00016445	S-MH00014266	0	S-MH00011828	0	WWS	250	8.06	PVC	4.192	SELKIRK
REINSPECTION	S-MA00016456	S-MH00014277	0	S-MH00014278	0	WWS	250	34.42	PVC	3.782	SELKIRK
REINSPECTION	S-MA00016457	S-MH00014278	0	S-TE00007030		WWS	250	8.27	PVC	3.852	SELKIRK
REINSPECTION	S-MA00016610	S-MH00011873	0	S-MH00011962	0	CS	300	107.32	PVC	231.81	SELKIRK
REINSPECTION	S-MA00016619	S-MH00014322	0	S-MH00011915	0	CS	300	74.5	*UNKNOWN	3.584	SELKIRK
REINSPECTION	S-MA00017684	S-MH00012320	0	S-MH00012311	0	CS	250	36.89	CLAY	3.031	SELKIRK
REINSPECTION	S-MA00017711	S-MH00012898	0	S-MH00012920	0	CS	300	93.87	CLAY	2.26	SELKIRK
REINSPECTION	S-MA00017740	S-MH00013014	0	S-MH00013065	0	CS	450	100.71	CLAY	3.612	SELKIRK
REINSPECTION	S-MA00017741	S-MH00012310	0	S-MH00013713	0	CS	300	82.91	CLAY	4.32	SELKIRK
REINSPECTION	S-MA00017743	S-MH00013713	0	S-MH00013732	0	CS	300	2.74	CLAY	4.37	SELKIRK
REINSPECTION	S-MA00017911	S-MH00013730	0	S-MH00014695	0	CS	300	59.99	CLAY	3.32	SELKIRK
REINSPECTION	S-MA00017912	S-MH00014695	0	S-MH00013732	0	CS	300	64.91	CLAY	4.37	SELKIRK
REINSPECTION	S-MA00017913	S-MH00012351	0	S-MH00014696	0	CS	250	1.97	AC	2.65	SELKIRK
REINSPECTION	S-MA70004041	S-MH00012109	0	S-MH00012095	0	CS	300	112.78	PVC	231.58	SELKIRK
REINSPECTION	S-MA70004085	S-MH00011680	0	S-MH70001855	0	CS	300	8.07	PVC	3.003	SELKIRK
REINSPECTION	S-MA70004087	S-MH70001855	0	S-MH70001856	0	CS	300	101.6	PVC	4.333	SELKIRK
REINSPECTION	S-MA70004089	S-MH70001856	0	S-MH70001857	0	CS	300	72.7	PVC	5.115	SELKIRK
REINSPECTION	S-MA70004090	S-MH70001857	0	S-MH00011755	0	CS	300	16.85	PVC	5.22	SELKIRK
REINSPECTION	S-MA70004137	S-MH70001872	0	S-MH00012033	0	CS	300	7.06	PVC	2.539	SELKIRK
REINSPECTION	S-MA70004139	S-MH70001872	0	S-MH70001873	0	CS	300	80.7	PVC	3.11	SELKIRK
REINSPECTION	S-MA70004140	S-MH70001873	0	S-MH00012045	0	CS	300	7.06	PVC	3.11	SELKIRK
REINSPECTION	S-MA70004181	S-MH70001876	0	S-MH70001881	0	CS	300	99.5	PVC	2.93	SELKIRK
REINSPECTION	S-MA70004208	S-MH70001881	0	S-MH70001888	0	CS	375	78.8	PVC	3.45	SELKIRK
REINSPECTION	S-MA70004209	S-MH70001888	0	S-MH00011708	0	CS	375	11.9	PVC	3.49	SELKIRK
REINSPECTION	S-MA70005497	S-MH00012034	0	S-MH00012040	0	CS	600	6.96	BRICK	4.67	SELKIRK
REINSPECTION	S-MA70005555	S-MH00013389	0	S-MH00013438	0	CS	300	93.03	PVC	3.81	SELKIRK
REINSPECTION	S-MA70009461	S-MH00013440	0	S-MH00013466	0	CS	375	100.58	PVC	4.55	SELKIRK
REINSPECTION	S-MA70012385	S-MH00013065	0	S-MH70004960		CS	600	35.88	CLAY	3.632	SELKIRK
REINSPECTION	S-MA70012385	S-MH00013065	0	S-MH70004960		CS	600	0.7	CLAY	3.632	SELKIRK
REINSPECTION	S-MA70012386	S-MH70004960	0	S-MH00013035	0	CS	600	42.46	CLAY	3.836	SELKIRK
REINSPECTION	S-MA70015707	S-MH70006342	0	S-MH70006343	0	CS	750	82.8	CONCRETE	4.17	SELKIRK
REINSPECTION	S-MA70015708	S-MH70006343	0	S-MH00012831	0	CS	750	9.83	CONCRETE	4.298	SELKIRK
REINSPECTION	S-MA70015709	S-MH00012944	0	S-MH70006342	0	CS	450	93.4	CLAY	3.937	SELKIRK
REINSPECTION	S-MA70015729	S-MH70006346	0	S-MH70006342	0	CS	750	89.96	CONCRETE	4.04	SELKIRK
REINSPECTION	S-MA70015730	S-MH00012931	0	S-MH70006346	0	CS	450	93.52	CONCRETE	4.051	SELKIRK
REINSPECTION	S-MA70015751	S-MH70006349	0	S-MH70006346	0	CS	750	74.41	CONCRETE	4.04	SELKIRK
REINSPECTION	S-MA70015752	S-MH00013024	0	S-MH70006349	0	CS	450	93.53	CLAY	4.02	SELKIRK
REINSPECTION	S-MA70015753	S-MH00013038	0	S-MH70006349	0	CS	450	7.06	PVC	3.92	SELKIRK
REINSPECTION	S-MA70015786	S-MH00011773	0	S-MH00011849	0	CS	600	124.24	CONCRETE	6.37	SELKIRK
REINSPECTION	S-MA70015872	S-MH00012136	225.24	S-MH00012134	0	CS	450	78.43	CONCRETE	231.61	SELKIRK
REINSPECTION	S-MA70015895	S-MH00012090	0	S-MH00012135	0	CS	300	88.09	PVC	231.54	SELKIRK
REINSPECTION	S-MA70017832	S-MH70006708	0	S-MH00011384	0	CS	300	93.57	*UNKNOWN	2.975	SELKIRK
REINSPECTION	S-MA70019907	S-PL70009334		S-CN00000300		WWS	200	26.09	PVC		SELKIRK
REINSPECTION	S-MA70019908	S-PL70009336		S-CN00000299		WWS	200	3.12	PVC		SELKIRK
REINSPECTION	S-MA70021634	S-MH70007861	0	S-MH00011431	228.73	CS	300	76.98	PVC	2.87	SELKIRK
REINSPECTION	S-MA70021636	S-MH70007861	0	S-MH00011611	0	CS	300	68.79	PVC	2.889	SELKIRK
REINSPECTION	S-MA70021637	S-MH00011612	0	S-MH70007861	0	CS	300	51.82	PVC	2.645	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA70023292	S-MH00011400	0	S-MH00011381	228.79	CS	450	6.89	CLAY	3.824	SELKIRK
REINSPECTION	S-MA70025554	S-MH00013246	0	S-MH00013148		CS	600	88.66	POLYFELT	231.98	SELKIRK
REINSPECTION	S-MA70025565	S-MH00012950	0	S-MH00013185		CS	450	91.42	PVC	3.98	SELKIRK
REINSPECTION	S-MA70025806	S-MH00012770	0	S-MH00012919		CS	450	100.86	CONCRETE	3.2	SELKIRK
REINSPECTION	S-MA70026671	S-MH00012078	0	S-MH00012133		CS	375	126.95	CLAY	231.56	SELKIRK
REINSPECTION	S-MA70028382	S-MH00011659	0	S-MH00011681		CS	300	94.48	PVC	4.66	SELKIRK
REINSPECTION	S-MA70028392	S-MH00012235	0	S-MH70010294		CS	300	97.1	PVC	4.889	SELKIRK
REINSPECTION	S-MA70028393	S-MH70010294	0	S-MH00012115		CS	300	11.61	PVC	4.981	SELKIRK
REINSPECTION	S-MA70028410	S-MH00012866	0	S-MH70010296		CS	375	13.43	PVC	3.83	SELKIRK
REINSPECTION	S-MA70028411	S-MH70010296	0	S-MH00014156		CS	375	93.1	PVC	3.92	SELKIRK
REINSPECTION	S-MA70028429	S-MH00013188	0	S-MH70010298		CS	300	9.48	PVC	3.371	SELKIRK
REINSPECTION	S-MA70028430	S-MH70010298	0	S-MH70010299		CS	300	78.4	PVC	3.69	SELKIRK
REINSPECTION	S-MA70028434	S-MH70010299	0	S-MH00013243		CS	300	15	PVC	3.72	SELKIRK
REINSPECTION	S-MA70029802	S-MH00012889	0	S-MH00012891		CS	300	78.03	PVC	3.514	SELKIRK
REINSPECTION	S-MA70029809	S-MH00011893	0	S-TE70018745		CS	300	54.13	PVC	2.793	SELKIRK
REINSPECTION	S-MA70029829	S-MH00008769	0	S-MH00012590		CS	300	46	PVC	3.256	SELKIRK
REINSPECTION	S-MA70030206	S-MH00013256	0	S-MH00013254		CS	300	55.78	CLAY	3.754	SELKIRK
REINSPECTION	S-MA70030263	S-MH00013337	0	S-MH00013247		CS	375	100.34	CONCRETE	231.851	SELKIRK
REINSPECTION	S-MA70030282	S-MH00013242	0	S-MH00013246		CS	375	100.89	CLAY	231.92	SELKIRK
REINSPECTION	S-MA70030298	S-MH00012964	0	S-MH00012857	228.57	CS	300	93.49	CLAY	5.71	SELKIRK
REINSPECTION	S-MA70030300	S-MH00012068	0	S-MH00012061		CS	300	87.47	CLAY	4.126	SELKIRK
REINSPECTION	S-MA70030335	S-TE00006405		S-MH00013247		CS	425	83.98	POLYFELT		SELKIRK
REINSPECTION	S-MA70031301	S-MH00011569	0	S-MH00011828		CS	450	95.51	CONCRETE	4.569	SELKIRK
REINSPECTION	S-MA70033205	S-MH00013069	0	S-MH00013032		CS	300	94.67	CLAY	2.68	SELKIRK
REINSPECTION	S-MA70033221	S-MH00012024	0	S-MH00012035		CS	300	94.49	CONCRETE	231.2	SELKIRK
REINSPECTION	S-MA70035501	S-MH00014156	0	S-MH00014157		CS	450	88.9	PVC	4.06	SELKIRK
REINSPECTION	S-MA70035544	S-MH00012820	0	S-MH00012713		CS	725	90.54	POLYFELT	4.57	SELKIRK
REINSPECTION	S-MA70036485	S-MH00011466	0	S-MH00011425		CS	450	100.4	CLAY	2.81	SELKIRK
REINSPECTION	S-MA70040650	S-TE70018745		S-MH00011792		CS	300	8.15	CLAY		SELKIRK
REINSPECTION	S-MA70088315					CS	600	2.6	PVC		SELKIRK
REINSPECTION	S-MA70088315					CS	600	1.7	PVC		SELKIRK
REINSPECTION	S-MA70088452			S-TE70029696		CS	600	0.82	PVC		SELKIRK
REINSPECTION	S-MA70088453	S-TE70029696				CS	600	1.18	PVC		SELKIRK
REINSPECTION	S-MA70088556	S-MH70041181	229.38	S-MH70041182	0	CS	300	86.57	PVC	2.88	SELKIRK
REINSPECTION	S-MA70088557	S-MH70041182	0	S-MH00012778		CS	300	1.85	PVC	2.88	SELKIRK
REINSPECTION	S-MA00013229	S-MH00011816	0	S-MH00012086		CS	300	74.37	CLAY	3.48	SYNDICATE
REINSPECTION	S-MA00013230	S-MH00011817	0	S-MH00011816		CS	300	41.15	CLAY	3.01	SYNDICATE
REINSPECTION	S-MA00013588	S-MH00012113	0	S-MH00012112		CS	300	86.72	CLAY	3.32	SYNDICATE
REINSPECTION	S-MA00013589	S-MH00012114	0	S-MH00012113		CS	300	82.08	CLAY	2.84	SYNDICATE
REINSPECTION	S-MA00013688	S-MH00012201	0	S-MH00012191		CS	300	79.09	CLAY	3.68	SYNDICATE
REINSPECTION	S-MA00013689	S-MH00012196	0	S-MH00012180		CS	300	76.2	CLAY	3.47	SYNDICATE
REINSPECTION	S-MA00013690	S-MH00012180	0	S-MH00012467		CS	300	76.2	CLAY	4.11	SYNDICATE
REINSPECTION	S-MA00013701	S-MH00012203	0	S-MH00012191		CS	300	43.89	CLAY	3.79	SYNDICATE
REINSPECTION	S-MA00013702	S-MH00012196	0	S-MH00012379		CS	300	107.22	CLAY	2.493	SYNDICATE
REINSPECTION	S-MA00013708	S-MH00012242	0	S-MH00012206		CS	300	46.33	CLAY	3.173	SYNDICATE
REINSPECTION	S-MA00013709	S-MH00012268	0	S-MH00012201		CS	300	104.85	CLAY	2.704	SYNDICATE
REINSPECTION	S-MA00013710	S-MH00012206	0	S-MH00012203		CS	300	42.37	CLAY	3.592	SYNDICATE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00013713	S-MH00012246	0	S-MH00012206	0	CS	300	32.61	CLAY	3.5	SYNDICATE
REINSPECTION	S-MA00013714	S-MH00012230	0	S-MH00012233	0	CS	600	69.15	CONCRETE	4.265	SYNDICATE
REINSPECTION	S-MA00013717	S-MH00012231	0	S-MH00012230	0	CS	375	54.87	CONCRETE	3.53	SYNDICATE
REINSPECTION	S-MA00013718	S-MH00012227	0	S-MH00012230	0	CS	600	52.02	CONCRETE	3.78	SYNDICATE
REINSPECTION	S-MA00013721	S-MH00012226	0	S-MH00012227	0	CS	450	78.09	CLAY	3.6	SYNDICATE
REINSPECTION	S-MA00013722	S-MH00012554	0	S-MH00012226	0	CS	450	75.89	CLAY	2.993	SYNDICATE
REINSPECTION	S-MA00013733	S-MH00012216	0	S-MH00012215	0	CS	300	41	CLAY	2.99	SYNDICATE
REINSPECTION	S-MA00013734	S-MH00012215	0	S-MH00012214	0	CS	300	101.19	CLAY	2.99	SYNDICATE
REINSPECTION	S-MA00013741	S-MH00012209	0	S-MH00012210	0	CS	300	81.08	CLAY	1.7	SYNDICATE
REINSPECTION	S-MA00013742	S-MH00012563	0	S-MH00012209	0	CS	300	80.62	CLAY	2.5	SYNDICATE
REINSPECTION	S-MA00013750	S-MH00012267	0	S-MH00012242	0	CS	300	62.79	CLAY	2.841	SYNDICATE
REINSPECTION	S-MA00013756	S-MH00012247	0	S-MH00012246	0	CS	300	68.58	CLAY	3.28	SYNDICATE
REINSPECTION	S-MA00013764	S-MH00012257	0	S-MH00012269	0	CS	300	79.63	CLAY	3.268	SYNDICATE
REINSPECTION	S-MA00013772	S-MH00012257	0	S-MH00012266	0	CS	300	50	CLAY	2.117	SYNDICATE
REINSPECTION	S-MA00013773	S-MH00012266	0	S-MH00012267	0	CS	300	56.05	CLAY	2.354	SYNDICATE
REINSPECTION	S-MA00013774	S-MH00012367	0	S-MH00012268	0	CS	300	110.49	PVC	2.26	SYNDICATE
REINSPECTION	S-MA00013877	S-MH00012376	0	S-MH00012378	0	CS	450	80.54	*UNKNOWN	2.87	SYNDICATE
REINSPECTION	S-MA00013878	S-MH00012367	0	S-MH00012376	0	CS	450	62.78	*UNKNOWN	3.043	SYNDICATE
REINSPECTION	S-MA00013880	S-MH00012379	0	S-MH00012378	0	CS	300	97.54	PVC	2.85	SYNDICATE
REINSPECTION	S-MA00013894	S-MH00012395	0	S-MH00012394	0	CS	300	73.76	CLAY	3.61	SYNDICATE
REINSPECTION	S-MA00013895	S-MH00012396	0	S-MH00012395	0	CS	300	41.6	CLAY	3.03	SYNDICATE
REINSPECTION	S-MA00013898	S-MH00012435	0	S-MH00012394	0	CS	300	13.4	*UNKNOWN	3.725	SYNDICATE
REINSPECTION	S-MA00013899	S-MH00012399	0	S-MH00012394	0	CS	300	25.84	*UNKNOWN	3.745	SYNDICATE
REINSPECTION	S-MA00013924	S-MH00012423	0	S-MH00012422	0	CS	300	53.34	CLAY	6.159	SYNDICATE
REINSPECTION	S-MA00013925	S-MH00012464	0	S-MH00012423	0	CS	300	51.43	CONCRETE	3.961	SYNDICATE
REINSPECTION	S-MA00013926	S-MH00012424	0	S-MH00012436	0	CS	300	107.29	CLAY	3.672	SYNDICATE
REINSPECTION	S-MA00013927	S-MH00012422	0	S-MH00012425	0	CS	450	21.7	CONCRETE	6.41	SYNDICATE
REINSPECTION	S-MA00013928	S-MH00012425	0	S-MH00012482	0	CS	600	78.64	BRICK	6.41	SYNDICATE
REINSPECTION	S-MA00013934	S-MH00012394	0	S-MH70015902	0	CS	450	14.6	CLAY	4.703	SYNDICATE
REINSPECTION	S-MA00013935	S-MH00012112	0	S-MH00012436	0	CS	300	121.35	CLAY	3.84	SYNDICATE
REINSPECTION	S-MA00013945	S-MH00012436	0	S-MH00012427	0	CS	600	100.71	BRICK	4.35	SYNDICATE
REINSPECTION	S-MA00013946	S-MH00012427	0	S-MH00012451	0	CS	600	100.8	CLAY	4.578	SYNDICATE
REINSPECTION	S-MA00013951	S-MH70003701	0	S-MH00012427	0	CS	375	121.02	CLAY	4.16	SYNDICATE
REINSPECTION	S-MA00013961	S-MH00012458	0	S-MH00012459	0	CS	300	57.91	CLAY	4.686	SYNDICATE
REINSPECTION	S-MA00013969	S-MH00012465	0	S-MH00012451	0	CS	300	107.3	CLAY	4.438	SYNDICATE
REINSPECTION	S-MA00013970	S-MH00012467	0	S-MH00012450	0	CS	375	53.19	CLAY	4.11	SYNDICATE
REINSPECTION	S-MA00013971	S-MH00012450	0	S-MH70013754	0	CS	375	85.12	CLAY	4.02	SYNDICATE
REINSPECTION	S-MA00013973	S-MH00012459	0	S-TE00005888		CS	600	91.42	BRICK	4.686	SYNDICATE
REINSPECTION	S-MA00013981	S-MH00012482	0	S-MH00012483	0	CS	600	65.5	BRICK	6.171	SYNDICATE
REINSPECTION	S-MA00013982	S-MH00012521	0	S-MH00012481	0	CS	300	118.32	*UNKNOWN	5.393	SYNDICATE
REINSPECTION	S-MA00013983	S-MH00012483	0	S-MH00012480	0	CS	600	16.97	BRICK	5.81	SYNDICATE
REINSPECTION	S-MA00013985	S-MH00012479	0	S-TE00005872		CS	750	12	CONCRETE	4.116	SYNDICATE
REINSPECTION	S-MA00013996	S-MH00012480	0	S-MH00012481	0	CS	600	82.7	BRICK	5.8	SYNDICATE
REINSPECTION	S-MA00014000	S-MH00012505	0	S-MH00012544	0	CS	300	63.7	CLAY	3	SYNDICATE
REINSPECTION	S-MA00014014	S-PL00005878		S-MH00012540	0	CS	300	11.98	CLAY		SYNDICATE
REINSPECTION	S-MA00014016	S-PL00005880		S-MH00012491	0	CS	300	1.23	PVC		SYNDICATE
REINSPECTION	S-MA00014017	S-MH00012491	0	S-MH00012492	0	CS	300	108.06	PVC	2.66	SYNDICATE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA00014021	S-MH00012495	0	S-MH00012520	0	CS	300	86.87	CLAY	3.3	SYNDICATE
REINSPECTION	S-MA00014027	S-MH70022257	0	S-MH00012515	0	CS	750	10.69	BRICK	230.419	SYNDICATE
REINSPECTION	S-MA00014030	S-MH00012563	0	S-MH00012507	0	CS	300	99.44	CLAY	3.087	SYNDICATE
REINSPECTION	S-MA00014036	S-MH00012507	0	S-MH00012448	0	CS	9999	53.95		3.82	SYNDICATE
REINSPECTION	S-MA00014037	S-MH00012556	0	S-TE70013762		CS	300	70.81	CLAY	2.986	SYNDICATE
REINSPECTION	S-MA00014049	S-MH00012568	0	S-MH00012520	0	CS	300	109.42	CONCRETE	3.566	SYNDICATE
REINSPECTION	S-MA00014059	S-MH00012528	0	S-MH00012527	0	CS	750	46.4	CONCRETE	4.014	SYNDICATE
REINSPECTION	S-MA00014060	S-MH00012527	0	S-MH00012526	0	CS	750	17.1	CONCRETE	3.652	SYNDICATE
REINSPECTION	S-MA00014061	S-MH00012526	0	S-MH00012525	0	CS	750	17.4	CONCRETE	3.652	SYNDICATE
REINSPECTION	S-MA00014062	S-MH00012525	0	S-MH00012524	0	CS	750	21.35	CONCRETE	3.237	SYNDICATE
REINSPECTION	S-MA00014063	S-MH00012523	0	S-MH00012522	0	CS	300	64.92	CLAY	3.115	SYNDICATE
REINSPECTION	S-MA00014069	S-MH00012544	0	S-MH00012580	0	CS	300	90.05	CLAY	2.719	SYNDICATE
REINSPECTION	S-MA00014079	S-MH00012555	0	S-MH00012554	0	CS	300	88.7	CLAY	3.013	SYNDICATE
REINSPECTION	S-MA00014092	S-MH00012571	0	S-MH00012231	0	CS	375	73	CONCRETE	3.157	SYNDICATE
REINSPECTION	S-MA00014093	S-MH00012572	0	S-MH00012571	0	CS	300	6	CONCRETE	2.605	SYNDICATE
REINSPECTION	S-MA00014100	S-MH00012580	0	S-MH00014065	0	CS	300	91.44	CLAY	4.72	SYNDICATE
REINSPECTION	S-MA00015840	S-MH00014085	0	S-MH00014071	0	CS	375	75.56	*UNKNOWN	3.718	SYNDICATE
REINSPECTION	S-MA00015855	S-MH00014084	0	S-MH00014085	0	CS	300	53.95	CLAY	3.16	SYNDICATE
REINSPECTION	S-MA00015856	S-MH00014110	0	S-MH00014085	0	CS	375	67.49	*UNKNOWN	3.29	SYNDICATE
REINSPECTION	S-MA00015857	S-MH00014086	0	S-MH00014087	0	CS	300	68.76	PVC	2.181	SYNDICATE
REINSPECTION	S-MA00015858	S-MH00014087	0	S-MH00014082	0	CS	300	75.59	CLAY	3.04	SYNDICATE
REINSPECTION	S-MA00015870	S-MH00014082	0	S-MH00014130	0	CS	450	30.12	*UNKNOWN	4.06	SYNDICATE
REINSPECTION	S-MA00015871	S-MH00014114	0	S-MH00014082	0	CS	450	67.3	*UNKNOWN	4.393	SYNDICATE
REINSPECTION	S-MA00015872	S-MH00014081	0	S-MH00014110	0	CS	300	34.44	*UNKNOWN	3.368	SYNDICATE
REINSPECTION	S-MA00015876	S-MH00014109	0	S-MH00014108	0	CS	300	118.4	CLAY	3.01	SYNDICATE
REINSPECTION	S-MA00015877	S-MH00014109	0	S-MH00014110	0	CS	300	53.25	*UNKNOWN	3.07	SYNDICATE
REINSPECTION	S-MA00015885	S-MH00014113	0	S-MH00014114	0	CS	300	61.6	CONCRETE	4.393	SYNDICATE
REINSPECTION	S-MA00015886	S-MH00014112	0	S-MH00014114	0	CS	375	72.24	*UNKNOWN	4.393	SYNDICATE
REINSPECTION	S-MA00015887	S-MH00014111	0	S-MH00014112	0	CS	300	73.46	*UNKNOWN	2.61	SYNDICATE
REINSPECTION	S-MA00015890	S-MH00014107	0	S-MH00014108	0	CS	300	71.17	CLAY	3.48	SYNDICATE
REINSPECTION	S-MA00015898	S-MH00014130	0	S-MH00014128	0	CS	450	75.69	CLAY	4.06	SYNDICATE
REINSPECTION	S-MA00016038	S-MH00012112	0	S-MH00014154	0	CS	375	10.84	PVC	3.39	SYNDICATE
REINSPECTION	S-MA00016039	S-MH00014154	0	S-MH00014155	0	CS	375	84.91	PVC	3.63	SYNDICATE
REINSPECTION	S-MA00016040	S-MH00014155	0	S-MH70003701	0	CS	375	12.57	PVC	3.59	SYNDICATE
REINSPECTION	S-MA00017993	S-MH00014065	0			CS	600	92.89	CONCRETE	4.72	SYNDICATE
REINSPECTION	S-MA00018328	S-MH00012524	0	S-MH00012479	0	CS	750	84.1	CONCRETE	4.187	SYNDICATE
REINSPECTION	S-MA20013436	S-MH20012161	0	S-MH20012259	0	CS	300	87.17	*UNKNOWN	4.083	SYNDICATE
REINSPECTION	S-MA20013440	S-MH20012164	0	S-MH20012176	0	CS	300	45.72	*UNKNOWN	3.771	SYNDICATE
REINSPECTION	S-MA20013459	S-MH20012183	0	S-MH20012252	0	CS	300	106.68	*UNKNOWN	4.102	SYNDICATE
REINSPECTION	S-MA20013460	S-PL20004455		S-MH20012184	0	CS	300	31.39	CONCRETE		SYNDICATE
REINSPECTION	S-MA20013468	S-MH20012192	0	S-MH20012237	0	CS	300	94.49	*UNKNOWN	3.495	SYNDICATE
REINSPECTION	S-MA20013482	S-MH20012213	0	S-MH20012218	0	CS	375	101.48	*UNKNOWN	5.359	SYNDICATE
REINSPECTION	S-MA20013487	S-MH20012245	0	S-MH20012213	0	CS	375	120.83	*UNKNOWN	4.932	SYNDICATE
REINSPECTION	S-MA20013491	S-MH20012214	0	S-MH20012213	0	CS	300	85.34	*UNKNOWN	4.88	SYNDICATE
REINSPECTION	S-MA20013492	S-MH20012196	0	S-MH20012214	0	CS	300	79.25	PVC	3.167	SYNDICATE
REINSPECTION	S-MA20013494	S-MH20012216	0	S-MH20012215	0	CS	450	21.03	*UNKNOWN	5.793	SYNDICATE
REINSPECTION	S-MA20013495	S-MH20012217	0	S-MH20012216	0	CS	450	54.54	*UNKNOWN	5.793	SYNDICATE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA20013496	S-MH20012218	0	S-MH20012217	0	CS	450	23.75	*UNKNOWN	4.629	SYNDICATE
REINSPECTION	S-MA20013497	S-MH20012267	0	S-MH20012218	0	CS	300	119.07	CLAY	3.946	SYNDICATE
REINSPECTION	S-MA20013498	S-MH20012219	0	S-MH70012474	0	CS	300	61.27	*UNKNOWN	5.47	SYNDICATE
REINSPECTION	S-MA20013499	S-MH20012221	0	S-MH20012219	0	CS	300	15.33	CLAY	3.721	SYNDICATE
REINSPECTION	S-MA20013501	S-MH20012222	0	S-MH20012221	0	CS	300	38.71	*UNKNOWN	3.005	SYNDICATE
REINSPECTION	S-MA20013510	S-MH20012264	0	S-MH70012594	0	CS	300	59.03	PVC	4.073	SYNDICATE
REINSPECTION	S-MA20013511	S-MH20012252	0	S-MH20012259	0	CS	600	37.86	CONCRETE	4.102	SYNDICATE
REINSPECTION	S-MA20013516	S-MH20012245	0	S-MH20012267	0	CS	300	101.96	*UNKNOWN	3.45	SYNDICATE
REINSPECTION	S-MA20013519	S-MH20012237	0	S-MH70012514	0	CS	300	98.86	PVC	4.85	SYNDICATE
REINSPECTION	S-MA20013526	S-MH20012244	0	S-MH20012245	0	CS	300	106.68	PVC	230.74	SYNDICATE
REINSPECTION	S-MA20013527	S-MH20012247	0	S-MH70012535	0	CS	300	78.54	PVC	5.28	SYNDICATE
REINSPECTION	S-MA20013528	S-MH20012275	0	S-MH20012251	0	CS	450	80.67	*UNKNOWN	3.995	SYNDICATE
REINSPECTION	S-MA20013529	S-MH20012248	0	S-MH20012252	0	CS	450	35.36	*UNKNOWN	4.102	SYNDICATE
REINSPECTION	S-MA20013532	S-MH20012251	0	S-MH20012248	0	CS	450	10.97	*UNKNOWN	4.082	SYNDICATE
REINSPECTION	S-MA20013539	S-MH20012259	0	S-MH20012255	0	CS	600	109.73	CONCRETE	4.252	SYNDICATE
REINSPECTION	S-MA20013542	S-MH20012287	0	S-MH70012595	0	CS	300	84.27	PVC	230	SYNDICATE
REINSPECTION	S-MA20013545	S-MH20012265	0	S-MH20012264	0	CS	300	52.12	*UNKNOWN	3.247	SYNDICATE
REINSPECTION	S-MA20013546	S-MH20012266	0	S-MH20012267	0	CS	300	114	*UNKNOWN	3.45	SYNDICATE
REINSPECTION	S-MA20013549	S-MH20012270	0	S-MH20012277	0	CS	300	80.47	*UNKNOWN	3.873	SYNDICATE
REINSPECTION	S-MA20013554	S-MH20012276	0	S-MH20012275	0	CS	450	4.45	*UNKNOWN	3.973	SYNDICATE
REINSPECTION	S-MA20013555	S-MH20012277	0	S-MH20012276	0	CS	450	45.72	*UNKNOWN	3.917	SYNDICATE
REINSPECTION	S-MA20013568	S-MH20012292	0	S-MH20012291	0	CS	750	104.42	CONCRETE	5.194	SYNDICATE
REINSPECTION	S-MA20013571	S-PL20004520		S-MH20012291	0	CS	300	12.17	*UNKNOWN		SYNDICATE
REINSPECTION	S-MA20013578	S-MH20012300	0	S-MH70001461	0	CS	300	32.61	*UNKNOWN	4.76	SYNDICATE
REINSPECTION	S-MA20013579	S-MH20012317	0	S-MH20012301	0	CS	300	69.49	*UNKNOWN	4.207	SYNDICATE
REINSPECTION	S-MA20013581	S-MH20012303	0	S-MH20012301	0	CS	200	40.35	*UNKNOWN	4.21	SYNDICATE
REINSPECTION	S-MA20013598	S-MH20012332	0	S-MH20012317	0	CS	300	69.49	*UNKNOWN	3.767	SYNDICATE
REINSPECTION	S-MA70003248	S-MH00012378	0	S-MH70001440	0	CS	300	55.75	PVC	2.746	SYNDICATE
REINSPECTION	S-MA70003250	S-MH00012214	0	S-MH70001440	0	CS	300	95.69	PVC	2.58	SYNDICATE
REINSPECTION	S-MA70003255	S-MH70001441	0	S-MH00012385	0	CS	400	87.77	PVC	3.45	SYNDICATE
REINSPECTION	S-MA70003257	S-MH70001440	0	S-MH70001441	0	CS	450	34.34	PVC	2.13	SYNDICATE
REINSPECTION	S-MA70003269	S-TE70026978		S-MH00014083	0	CS	9999	128.27			SYNDICATE
REINSPECTION	S-MA70003292	S-MH00012503	0	S-MH00012505	0	CS	300	27.74	CLAY	3	SYNDICATE
REINSPECTION	S-MA70003314	S-MH20012292	0	S-MH70001453	0	CS	750	4.14	CONCRETE	5.48	SYNDICATE
REINSPECTION	S-MA70003316	S-MH70001454	0	S-TE70001307		CS	600	4.35	CONCRETE	4.296	SYNDICATE
REINSPECTION	S-MA70003317	S-MH20012255	0	S-MH70001454	0	CS	600	24.6	CONCRETE	4.296	SYNDICATE
REINSPECTION	S-MA70003323	S-MH20012291	0	S-MH70001455	0	CS	750	4.83	CONCRETE	5.51	SYNDICATE
REINSPECTION	S-MA70003365	S-MH00014108	0	S-MH70001458	0	CS	300	30.35	CLAY	3.191	SYNDICATE
REINSPECTION	S-MA70003409	S-MH20012301	0	S-MH70001459	0	CS	300	6.36	*UNKNOWN	4.46	SYNDICATE
REINSPECTION	S-MA70003437	S-PL70001361		S-MH70001461	0	CS	300	15.17	PVC		SYNDICATE
REINSPECTION	S-MA70003446	S-MH70001468	0	S-MH70001467	0	CS	750	84.75	CONCRETE	4.88	SYNDICATE
REINSPECTION	S-MA70003455	S-MH70001458	0	S-MH70001468	0	CS	375	7.07	PVC	2.3	SYNDICATE
REINSPECTION	S-MA70003456	S-MH70001473	0	S-MH70001474	0	CS	450	72.9	CONCRETE	4.841	SYNDICATE
REINSPECTION	S-MA70003457	S-MH70001474	0	S-MH70001466	0	CS	450	9.3	CONCRETE	5.02	SYNDICATE
REINSPECTION	S-MA70003461	S-MH70001459	0	S-MH70001473	0	CS	375	77.63	CONCRETE	4.801	SYNDICATE
REINSPECTION	S-MA70009348	S-MH00012202	0	S-MH70003701	0	CS	300	92.66	PVC	3.41	SYNDICATE
REINSPECTION	S-MA70026674	S-MH00012086	0	S-MH00012394	0	CS	375	120.85	*UNKNOWN	3.725	SYNDICATE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
REINSPECTION	S-MA70028504	S-MH20012176	0	S-MH70010331	0	CS	375	79.27	*UNKNOWN	4.855	SYNDICATE
REINSPECTION	S-MA70028505	S-MH70010331	0	S-MH20012213	0	CS	375	21.4	*UNKNOWN	5.315	SYNDICATE
REINSPECTION	S-MA70029797	S-MH00012085	0	S-MH00012112	0	CS	300	109.03	CLAY	3.18	SYNDICATE
REINSPECTION	S-MA70029818	S-MH00012403	0	S-MH00012399	0	CS	300	71	*UNKNOWN	3.44	SYNDICATE
REINSPECTION	S-MA70029886	S-MH00012448	0	S-MH70022257	0	CS	750	71.47	CONCRETE	4.058	SYNDICATE
REINSPECTION	S-MA70029896	S-MH00012556	0	S-MH00012555	0	CS	300	88.78	PVC	229.371	SYNDICATE
REINSPECTION	S-MA70029928	S-MH00012191	0	S-MH00012192	0	CS	300	35.36	PVC	3.825	SYNDICATE
REINSPECTION	S-MA70029995	S-MH00012521	0	S-MH00012520	0	CS	375	100.63	CLAY	3.3	SYNDICATE
REINSPECTION	S-MA70029997	S-MH00012522	0	S-MH00012521	0	CS	300	59.43	PVC	3.034	SYNDICATE
REINSPECTION	S-MA70030005	S-MH00012520	0	S-MH00012494	0	CS	450	118.27	PVC	6.25	SYNDICATE
REINSPECTION	S-MA70030215	S-MH00012564	0	S-MH00012578	0	CS	300	92.66	PVC	2.68	SYNDICATE
REINSPECTION	S-MA70031306			S-MH00014065	0	CS	600	107.31	BRICK		SYNDICATE
REINSPECTION	S-MA70031313	S-MH00012515	0	S-MH00012528	0	CS	750	80.49	CONCRETE	4.014	SYNDICATE
REINSPECTION	S-MA70032671	S-MH70001467	0	S-MH70001466	0	CS	750	43.48	CONCRETE	5.14	SYNDICATE
REINSPECTION	S-MA70033202	S-MH00012393	0	S-MH00012435	0	CS	300	97.69	STAINLES	3.55	SYNDICATE
REINSPECTION	S-MA70033217	S-MH00012269	0	S-MH00012367	0	CS	300	80.42	*UNKNOWN	3.258	SYNDICATE
REINSPECTION	S-MA70033285	S-MH00012385	0	S-MH00012210	0	CS	300	80.47	CLAY	2.833	SYNDICATE
REINSPECTION	S-MA70033682	S-MH70001454	0	S-MH20012292	0	CS	600	103.2	CONCRETE	4.373	SYNDICATE
REINSPECTION	S-MA70035981	S-MH70013754	0	S-MH00012448	0	CS	375	9.75	CONCRETE	3.883	SYNDICATE
REINSPECTION	S-MA70035982	S-MH00012192	0	S-MH00012467	0	CS	375	34.72	CLAY	3.814	SYNDICATE
REINSPECTION	S-MA70040171	S-MH70015900	0	S-MH00012086	0	CS	375	58.61	CLAY	3.2	SYNDICATE
REINSPECTION	S-MA70040174	S-MH70015902	0	S-MH00012436	0	CS	450	110.37	CLAY	4.08	SYNDICATE
REINSPECTION	S-MA70040341	S-MH20012215	0	S-MH00012425	0	CS	450	26.66		6.41	SYNDICATE
REINSPECTION	S-MA70041841	S-MH00012233	0			CS	600	3.37	PVC	4.265	SYNDICATE
REINSPECTION	S-MA70050315	S-TE70021386		S-MH70021571	0	CS	200	34.83	CLAY		SYNDICATE
REINSPECTION	S-MA70050316	S-MH70021570	0	S-MH70021571	0	CS	200	55.17	CLAY	2.505	SYNDICATE
REINSPECTION	S-MA70058905	S-MH20012287	0	S-MH00012492	0	CS	250	51.96	*UNKNOWN	2.205	SYNDICATE
REINSPECTION	S-MA70093227	S-MH70043674	0	S-MH00012427	0	WWS	300	35	PVC	3.968	SYNDICATE
REINSPECTION	S-MA70124736					CS	300	0.59	PVC		SYNDICATE
SRS	S-MA20013984	S-PL20004734		S-TE20004733		SRS	1250	1.1	CONCRETE		ASSINIBOINE
SRS	S-MA20013985	S-TE20004733		S-MH20012670	0	SRS	1250	2.19	CONCRETE		ASSINIBOINE
SRS	S-MA20014006	S-MH20012670	0	S-MH20012774	0	SRS	1250	135.91	CONCRETE	5.973	ASSINIBOINE
SRS	S-MA20014066	S-MH20012804	0	S-MH20012754	0	SRS	1950	121.52	CONCRETE	8.535	ASSINIBOINE
SRS	S-MA20014114	S-MH20012774	0	S-TE20004788		SRS	1250	44.35	CONCRETE	5.973	ASSINIBOINE
SRS	S-MA20014115	S-MH20012769	0	S-TE20004788		SRS	450	12.39	CONCRETE	4.496	ASSINIBOINE
SRS	S-MA20014144	S-TE20004801		S-MH20012792	0	SRS	1250	3.31	CONCRETE		ASSINIBOINE
SRS	S-MA20014145	S-MH20012799	0	S-TE20004801		SRS	450	98.15	CONCRETE	3.86	ASSINIBOINE
SRS	S-MA20014154	S-MH20012802	0	S-TE20004804		SRS	1250	42.44	CONCRETE	6.144	ASSINIBOINE
SRS	S-MA20014156	S-MH20012862	0	S-MH20012802	0	SRS	1250	143.11	CONCRETE	6.134	ASSINIBOINE
SRS	S-MA20014227	S-PL20004836		S-TE20004837		SRS	1250	1.37	CONCRETE		ASSINIBOINE
SRS	S-MA20014228	S-TE20004837		S-MH20012862	0	SRS	1250	1.83	CONCRETE		ASSINIBOINE
SRS	S-MA20014241	S-PL20004838		S-MH20012873	0	SRS	375	2	CONCRETE		ASSINIBOINE
SRS	S-MA20014256	S-TE20004854		S-TE20004843		SRS	1250	94.08	CONCRETE		ASSINIBOINE
SRS	S-MA20014269	S-MH20012898	0	S-MH20012937	0	SRS	450	80.16	CONCRETE	4.3	ASSINIBOINE
SRS	S-MA20014285	S-MH20012911	0	S-TE20004854		SRS	525	3.51	CONCRETE	4.94	ASSINIBOINE
SRS	S-MA20014286	S-MH20012933	0	S-TE20004854		SRS	1250	46.84	CONCRETE	6.515	ASSINIBOINE
SRS	S-MA20014313					SRS	1250	1.22	CONCRETE		ASSINIBOINE

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
SRS	S-MA20014315					SRS	1250	51.81	CONCRETE		ASSINIBOINE
SRS	S-MA20014319	S-MH20012937	0	S-MH20012945	0	SRS	1250	15.67	CONCRETE	5.612	ASSINIBOINE
SRS	S-MA20014329	S-MH20012957	0	S-MH20012937	0	SRS	450	97.78	CONCRETE	4.29	ASSINIBOINE
SRS	S-MA20014337	S-MH20012961	228.96	S-MH20012957	0	SRS	450	4.89	CONCRETE	3.81	ASSINIBOINE
SRS	S-MA20015573	S-TE20005500		S-MH20014051	0	SRS	1350	21.6	CONCRETE		ASSINIBOINE
SRS	S-MA20015579	S-MH20014051	0	S-MH20014045	0	SRS	1350	119.38	CONCRETE	6.689	ASSINIBOINE
SRS	S-MA20015584	S-MH20014154	0	S-MH20014064	0	SRS	1200	157.82	CONCRETE	6.492	ASSINIBOINE
SRS	S-MA20015589	S-MH20014058	0	S-TE20005494		SRS	375	61.78	CONCRETE	4.528	ASSINIBOINE
SRS	S-MA20015618	S-MH20014145	0	S-TE20005493		SRS	450	72.34	CONCRETE	4.71	ASSINIBOINE
SRS	S-MA20015634	S-MH20014086	0	S-TE20005500		SRS	1350	101.02	CONCRETE	6.401	ASSINIBOINE
SRS	S-MA20015713	S-MH20014143	0	S-MH20014145	0	SRS	450	34.03	CONCRETE	4.71	ASSINIBOINE
SRS	S-MA20015724	S-MH20014433	0	S-TE20005539		SRS	1250	177.81	CONCRETE	5.795	ASSINIBOINE
SRS	S-MA20015734	S-PL20005536		S-MH20014154	0	SRS	1200	0.91	CONCRETE		ASSINIBOINE
SRS	S-MA20016051	S-MH20014445	0	S-TE20004859		SRS	1350	15.14	CONCRETE	6.269	ASSINIBOINE
SRS	S-MA20016054	S-TE20005690		S-MH20014445	0	SRS	1350	70.84	CONCRETE		ASSINIBOINE
SRS	S-MA70008953	S-TE20005539		S-TE70003834		SRS	1650	7.38	CONCRETE		ASSINIBOINE
SRS	S-MA70009039	S-TE20004788		S-TE70003877		SRS	1250	13.84	CONCRETE		ASSINIBOINE
SRS	S-MA70009040	S-TE70003877		S-TE20004801		SRS	1250	67.06	CONCRETE		ASSINIBOINE
SRS	S-MA70022878	S-MH20014045	0	S-MH20012718	0	SRS	1500	13.77	CONCRETE	6.905	ASSINIBOINE
SRS	S-MA70022888	S-TE20004859		S-TE70010811		SRS	1350	86.45	CONCRETE		ASSINIBOINE
SRS	S-MA70022889	S-TE70010811		S-TE20004855		SRS	1350	4.42	CONCRETE		ASSINIBOINE
SRS	S-MA70022895	S-MH20013466	0	S-MH20012718	0	SRS	450	111.9	CONCRETE	6.845	ASSINIBOINE
SRS	S-MA70023000					SRS	1050	8.71	CONCRETE		ASSINIBOINE
SRS	S-MA70023233					SRS	1050	15.85	CONCRETE		ASSINIBOINE
SRS	S-MA70023235					SRS	1050	3.35	CONCRETE		ASSINIBOINE
SRS	S-MA70031441	S-MH20012793	0	S-MH20012792	0	SRS	300	17.18	CONCRETE	3.609	ASSINIBOINE
SRS	S-MA70132133	S-MH70065896	0	S-MH20012879	0	SRS	1800	50.25	CONCRETE	10.938	ASSINIBOINE
SRS	S-MA20015774	S-MH20014203	0	S-MH20014202	0	SRS	525	17.71	CONCRETE	3.9	BANNATYNE
SRS	S-MA20015627	S-MH20014085	227.13	S-MH20014086	0	SRS	1350	20.9	CONCRETE	6.515	COLONY
SRS	S-MA20015684	S-MH20014123	0	S-MH20014122	0	SRS	450	16.96	CONCRETE	5.05	COLONY
SRS	S-MA20015702	S-TE20005533		S-MH20014123	0	SRS	450	48.49	CONCRETE		COLONY
SRS	S-MA20015704	S-MH20014131	0	S-TE20005533		SRS	450	55.63	CONCRETE	3.881	COLONY
SRS	S-MA20016585	S-MH20014917	0	S-MH20014085	227.13	SRS	1350	8.4	CONCRETE	6.521	COLONY
SRS	S-MA20016586	S-PL20005901		S-MH20014917	0	SRS	1200	12.95	CONCRETE		COLONY
SRS	S-MA70022999					SRS	1050	106.68	CONCRETE		COLONY
SRS	S-MA40003387	S-MH40003100	0	S-MH40003099	0	SRS	750	5.19	CONCRETE	4.664	HART
SRS	S-MA40003388	S-MH40003090	0	S-MH40003099	0	SRS	300	8.64	PVC	3.804	HART
SRS	S-MA40003391	S-MH40006413	0	S-TE40000965		SRS	375	53.08	PVC	5.998	HART
SRS	S-MA40003393	S-MH40003099	0	S-MH40006472	0	SRS	750	82.43	CONCRETE	5.022	HART
SRS	S-MA40005166	S-MH40004697	0	S-MH40004696	0	SRS	375	7.6	PVC	3.164	HART
SRS	S-MA40005171	S-MH40004706	0	S-MH40004702	0	SRS	300	4.46	PVC	3.2	HART
SRS	S-MA40005172	S-MH40004703	0	S-MH40003100	0	SRS	750	83.92	CONCRETE	4.664	HART
SRS	S-MA40005173	S-MH40004702	0	S-MH40004703	0	SRS	300	88.61	PVC	4.01	HART
SRS	S-MA40005174	S-MH40004724	0	S-MH40004703	0	SRS	600	89.11	CONCRETE	4.61	HART
SRS	S-MA40005175	S-MH40007860	0	S-MH40003099	0	SRS	300	106.37	PVC	3.724	HART
SRS	S-MA40005186	S-MH40004711	0	S-MH40004703	0	SRS	300	6.32	PVC	3.87	HART
SRS	S-MA40005189	S-MH40004696	0	S-MH40004724	0	SRS	375	111.44	PVC	3.935	HART

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
SRS	S-MA40005204	S-MH40003097	0	S-MH40004724	0	SRS	375	101.54	PVC	4.92	HART
SRS	S-MA40005205	S-MH40004725	0	S-MH40004726	0	SRS	300	72.33	PVC	4.753	HART
SRS	S-MA40005206	S-MH40004726	0	S-MH40003097	0	SRS	300	63.07	PVC	5.16	HART
SRS	S-MA40005211	S-MH40004727	0	S-MH40004725	0	SRS	300	3.87	PVC	4.232	HART
SRS	S-MA40007024	S-MH40006411	0	S-MH40006412	0	SRS	375	49.19	PVC	5.256	HART
SRS	S-MA40007025	S-MH40006412	0	S-MH40006413	0	SRS	375	77.04	PVC	5.998	HART
SRS	S-MA40007054	S-MH40006436	0	S-MH40007744	0	SRS	375	120.06	PVC	5.339	HART
SRS	S-MA40007061	S-MH40006438	0	S-MH40006436	0	SRS	300	2.51	PVC	4.473	HART
SRS	S-MA40007063	S-MH40006447	0	S-MH40006449	0	SRS	375	2.35	PVC	3.715	HART
SRS	S-MA40007069	S-MH40006449	0	S-MH40006436	0	SRS	375	101	PVC	4.833	HART
SRS	S-MA40007073	S-MH40006461	0	S-MH40006452	0	SRS	300	3.86	PVC	3.493	HART
SRS	S-MA40007075	S-MH40006452	0	S-MH40006473	0	SRS	450	84.98	CONCRETE	4.311	HART
SRS	S-MA40007076	S-MH40006454	0	S-MH40006452	0	SRS	300	88.46	PVC	3.907	HART
SRS	S-MA40007082	S-MH40006456	0	S-MH40006454	0	SRS	300	5.98	PVC	3.877	HART
SRS	S-MA40007091	S-MH40006472	0	S-TE40002270		SRS	750	87.93	CONCRETE	5.022	HART
SRS	S-MA40007094	S-MH40006481	0	S-MH40006473	0	SRS	300	11.77	PVC	3.781	HART
SRS	S-MA40007099	S-MH40006470	0	S-MH40006472	0	SRS	300	9.95	PVC	4.272	HART
SRS	S-MA40007100	S-MH40006473	0	S-TE40002270		SRS	600	89.22	CONCRETE	4.371	HART
SRS	S-MA40007117	S-TE40002717		S-MH40010062	0	SRS	750	53.23	CONCRETE		HART
SRS	S-MA40007122	S-MH40010186	0	S-MH40006494	0	SRS	300	58.78	CONCRETE	3.379	HART
SRS	S-MA40007123	S-MH40006494	0	S-MH40010177	0	SRS	600	69.31	CONCRETE	3.472	HART
SRS	S-MA40007126	S-MH40007973	0	S-TE40003811		SRS	600	36.28	CONCRETE	5.183	HART
SRS	S-MA40008056	S-MH40007339	0	S-MH40007363	0	SRS	300	35.55	CONCRETE	5.521	HART
SRS	S-MA40008074	S-MH40007357	0	S-MH40007387	0	SRS	300	77.45	CONCRETE	5.468	HART
SRS	S-MA40008082	S-TE40002716		S-MH40007363	0	SRS	600	41.31	CONCRETE		HART
SRS	S-MA40008083	S-MH40007362	0	S-TE40002716		SRS	300	8.2	CONCRETE	2.492	HART
SRS	S-MA40008084	S-MH40007387	0	S-TE40002716		SRS	600	46.15	CONCRETE	5.758	HART
SRS	S-MA40008085	S-TE40002716		S-TE40002716		SRS	600	0.3	CONCRETE		HART
SRS	S-MA40008086	S-MH40007369	0	S-TE40002716		SRS	300	12.39	CONCRETE	2.3	HART
SRS	S-MA40008090	S-MH40007370	0	S-MH40007363	0	SRS	600	58.78	CONCRETE	5.871	HART
SRS	S-MA40008092	S-MH40007366	0	S-TE40002717		SRS	300	15.54	CONCRETE	2.529	HART
SRS	S-MA40008093	S-MH40007363	0	S-TE40002717		SRS	750	49.38	CONCRETE	5.861	HART
SRS	S-MA40008097	S-MH40007465	0	S-MH40007370	0	SRS	450	76.26	CONCRETE	4.982	HART
SRS	S-MA40008101	S-MH40007374	0	S-TE40002718		SRS	300	13.5	CONCRETE	2.39	HART
SRS	S-MA40008102	S-TE40002718		S-MH40007387	0	SRS	450	40.56	CONCRETE		HART
SRS	S-MA40008103	S-MH40007376	0	S-TE40002718		SRS	450	46.55	CONCRETE	5.423	HART
SRS	S-MA40008104	S-MH40007375	0	S-MH40007376	0	SRS	300	45.25	CONCRETE	5.373	HART
SRS	S-MA40008107	S-MH40007380	0	S-MH40007376	0	SRS	300	20	CONCRETE	5.333	HART
SRS	S-MA40008114	S-MH40007388	0	S-MH40007376	0	SRS	375	34.85	CONCRETE	5.373	HART
SRS	S-MA40008116	S-MH40007390	0	S-MH40007387	0	SRS	300	21.35	CONCRETE	5.498	HART
SRS	S-MA40008136	S-MH40007433	0	S-MH40007406	0	SRS	750	81.03	CONCRETE	6.428	HART
SRS	S-MA40008137	S-MH40007406	0	S-MH40007407	0	SRS	750	22.4	CONCRETE	6.571	HART
SRS	S-MA40008138	S-MH40007407	0	S-MH40007398	0	SRS	750	8.03	CONCRETE	6.579	HART
SRS	S-MA40008139	S-MH40007472	0	S-MH40007407	0	SRS	450	107	CONCRETE	6.191	HART
SRS	S-MA40008140	S-MH40007602	0	S-MH40007433	0	SRS	375	99.8	CONCRETE	5.906	HART
SRS	S-MA40008155	S-MH40008136	0	S-MH40007431	0	SRS	300	13.53	CONCRETE	5.563	HART
SRS	S-MA40008156	S-MH40007408	0	S-MH40007422	0	SRS	300	1.4	CONCRETE	4	HART

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
SRS	S-MA40008167	S-MH40007438	0	S-MH40007433	0	SRS	375	3.86	CONCRETE	5.216	HART
SRS	S-MA40008168	S-MH40007468	0	S-MH40007433	0	SRS	750	69.22	CONCRETE	6.146	HART
SRS	S-MA40008201	S-MH40007492	0	S-MH40007465	0	SRS	450	78.21	CONCRETE	4.83	HART
SRS	S-MA40008204	S-MH40007481	0	S-MH40007468	0	SRS	450	77	CONCRETE	5.85	HART
SRS	S-MA40008205	S-MH40007588	0	S-MH40007468	0	SRS	375	101.5	CONCRETE	5.65	HART
SRS	S-MA40008206	S-MH40007467	0	S-MH40007468	0	SRS	450	3.35	CONCRETE	5.65	HART
SRS	S-MA40008210	S-MH40007613	0	S-MH40007472	0	SRS	450	84.2	CONCRETE	5.622	HART
SRS	S-MA40008218	S-MH40007644	0	S-MH40007481	0	SRS	375	102.7	CONCRETE	5.085	HART
SRS	S-MA40008219	S-MH40007474	0	S-MH40007481	0	SRS	375	4.72	CONCRETE	5.085	HART
SRS	S-MA40008230	S-MH40006491	0	S-MH40007492	0	SRS	300	63.67	CONCRETE	4.217	HART
SRS	S-MA40008237	S-MH40007482	0	S-MH40007500	0	SRS	450	3.46	CONCRETE	4.086	HART
SRS	S-MA40008238	S-MH40007500	0	S-MH40007613	0	SRS	450	92.5	CONCRETE	4.731	HART
SRS	S-MA40008341	S-MH40007643	0	S-MH40007588	0	SRS	300	37.42	CONCRETE	4.623	HART
SRS	S-MA40008355	S-MH40007614	0	S-MH40007602	0	SRS	375	104.92	CONCRETE	4.801	HART
SRS	S-MA40008359	S-MH40007593	0	S-MH40007588	0	SRS	300	4.59	CONCRETE	4.593	HART
SRS	S-MA40008370	S-MH40007611	0	S-MH40007613	0	SRS	375	2.73	CONCRETE	4.571	HART
SRS	S-MA40008371	S-MH40007610	0	S-MH40007614	0	SRS	375	3.67	CONCRETE	3.925	HART
SRS	S-MA40008401	S-MH40007645	0	S-MH40007644	0	SRS	375	93.8	CONCRETE	4.484	HART
SRS	S-MA40008402	S-MH40007642	0	S-MH40007645	0	SRS	375	5.31	CONCRETE	3.938	HART
SRS	S-MA40008499	S-MH40007745	0	S-TE40002911		SRS	450	54.9	CONCRETE	5.225	HART
SRS	S-MA40008503	S-MH40007744	0	S-MH40007745	0	SRS	450	47	CONCRETE	5.369	HART
SRS	S-MA40008504	S-MH40007746	0	S-MH40007744	0	SRS	375	6.93	PVC	5.099	HART
SRS	S-MA40008526	S-MH40007835	0	S-MH40007769	0	SRS	300	94.1	PVC	5.323	HART
SRS	S-MA40008527	S-MH40007769	0	S-MH40007768	0	SRS	300	25.5	PVC	5.916	HART
SRS	S-MA40008531	S-MH40007772	0	S-MH40007769	0	SRS	300	4.14	PVC	4.013	HART
SRS	S-MA40008543	S-MH40007911	0	S-MH40007781	0	SRS	300	101.1	PVC	4.772	HART
SRS	S-MA40008548	S-MH40007781	0	S-MH40007785	0	SRS	450	68.87	PVC	4.994	HART
SRS	S-MA40008549	S-MH40007804	0	S-MH40007785	0	SRS	300	85.35	PVC	4.994	HART
SRS	S-MA40008562	S-MH40007796	0	S-MH40007781	0	SRS	375	98.4	PVC	4.762	HART
SRS	S-MA40008571	S-MH40007807	0	S-MH40007804	0	SRS	300	2.54	PVC	3.743	HART
SRS	S-MA40008606	S-MH40007837	0	S-MH40007835	0	SRS	300	4.77	PVC	3.711	HART
SRS	S-MA40008620	S-MH40007874	0	S-MH40007857	0	SRS	300	6.96	PVC	3.732	HART
SRS	S-MA40008621	S-MH40007880	0	S-MH40007876	0	SRS	300	6.95	PVC	3.054	HART
SRS	S-MA40008629	S-MH40007857	0	S-MH40006472	0	SRS	300	103.24	PVC	4.542	HART
SRS	S-MA40008641	S-MH40007878	0	S-MH40007875	0	SRS	300	6.89	PVC	3.361	HART
SRS	S-MA40008642	S-MH40007879	0	S-MH40007860	0	SRS	300	4.56	PVC	3.305	HART
SRS	S-MA40008649	S-MH40007875	0	S-MH40007860	0	SRS	300	93	PVC	3.411	HART
SRS	S-MA40008650	S-MH40007876	0	S-MH40007857	0	SRS	300	100.59	PVC	3.732	HART
SRS	S-MA40008684	S-MH40007912	0	S-MH40007911	0	SRS	300	47.1	PVC	3.741	HART
SRS	S-MA40008688	S-MH40006496	0	S-MH40007916	0	SRS	300	49.03	CONCRETE	3.359	HART
SRS	S-MA40008689	S-MH40007950	0	S-MH40007916	0	SRS	300	44	CONCRETE	3.449	HART
SRS	S-MA40008690	S-MH40007916	0	S-MH40007949	0	SRS	375	33.65	CONCRETE	3.104	HART
SRS	S-MA40008713	S-MH40007930	0	S-MH40007937	0	SRS	300	7.2	CONCRETE	2.438	HART
SRS	S-MA40008714	S-MH40007937	0	S-MH40008023	0	SRS	300	62.24	CONCRETE	3.075	HART
SRS	S-MA40008715	S-MH40008023	0	S-MH40007939	0	SRS	600	69.69	CLAY	5.035	HART
SRS	S-MA40008716	S-MH40007927	0	S-MH40007938	0	SRS	375	5.04	CONCRETE	6.6	HART
SRS	S-MA40008717	S-MH40007939	0	S-MH40007938	0	SRS	600	74.51	CONCRETE	5.98	HART

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
SRS	S-MA40008718	S-MH40007938	0	S-TE40003047		SRS	600	84.36	CONCRETE	5.98	HART
SRS	S-MA40008719	S-MH40008017	0	S-MH40007938	0	SRS	375	97.51	CONCRETE	5.71	HART
SRS	S-MA40008733	S-MH40007949	0	S-MH40006494	0	SRS	450	33.67	CONCRETE	3.194	HART
SRS	S-MA40008734	S-MH40007970	0	S-TE40003030		SRS	300	85.36	CONCRETE	3.792	HART
SRS	S-MA40008735	S-TE40003030		S-MH40007949	0	SRS	300	13.7	CONCRETE		HART
SRS	S-MA40008742	S-MH40007977	0	S-TE40003034		SRS	450	32.11	CONCRETE	4.399	HART
SRS	S-MA40008743	S-TE40003034		S-MH40007971	0	SRS	450	56.69	CONCRETE		HART
SRS	S-MA40008744	S-MH40007956	0	S-TE40003034		SRS	300	2.18	CONCRETE	3.086	HART
SRS	S-MA40008754	S-MH40007972	0	S-MH40007973	0	SRS	300	55.2	CONCRETE	4.963	HART
SRS	S-MA40008755	S-MH40007971	0	S-MH40007973	0	SRS	450	19.3	CONCRETE	5.043	HART
SRS	S-MA40008759	S-MH40008006	0	S-MH40007977	0	SRS	300	59.12	CONCRETE	4.339	HART
SRS	S-MA40008760	S-MH40007978	0	S-MH40007977	0	SRS	300	34.67	CONCRETE	4.279	HART
SRS	S-MA40008763	S-TE40003044		S-MH40007977	0	SRS	450	71.34	CONCRETE		HART
SRS	S-MA40008770	S-MH40007984	0	S-TE40003038		SRS	600	10.07	CONCRETE	5.649	HART
SRS	S-MA40008771	S-MH40007985	0	S-MH40007986	0	SRS	600	8.64	CONCRETE	5.35	HART
SRS	S-MA40008772	S-MH40007986	0	S-MH40007990	0	SRS	600	93.31	CONCRETE	5.475	HART
SRS	S-MA40008777	S-MH40007989	0	S-MH40007990	0	SRS	375	9.94	CONCRETE	5.495	HART
SRS	S-MA40008778	S-MH40007990	0	S-MH40008075	0	SRS	600	111.25	CONCRETE	6.095	HART
SRS	S-MA40008785	S-MH40007997	0	S-MH40007996	0	SRS	375	33.81	CONCRETE	3.59	HART
SRS	S-MA40008786	S-MH40007998	0	S-MH40007997	0	SRS	300	40.9	CONCRETE	3.384	HART
SRS	S-MA40008790	S-MH40008009	0	S-TE40003044		SRS	450	21.34	CONCRETE	4.01	HART
SRS	S-MA40008792	S-MH40007996	0	S-MH40008009	0	SRS	375	43	CONCRETE	3.99	HART
SRS	S-MA40008798	S-MH40008010	0	S-MH40008009	0	SRS	300	62.75	CONCRETE	3.98	HART
SRS	S-MA40008802	S-MH40008038	0	S-MH40008029	0	SRS	450	9.87	CONCRETE	4.151	HART
SRS	S-MA40008803	S-MH40008030	0	S-TE40003047		SRS	750	95.34	CONCRETE	5.76	HART
SRS	S-MA40008806	S-MH40008020	0	S-MH40008017	0	SRS	375	6.92	CONCRETE	3.255	HART
SRS	S-MA40008810	S-MH40008028	0	S-MH40008023	0	SRS	450	4.16	CONCRETE	3.075	HART
SRS	S-MA40008814	S-MH40008029	0	S-MH40008030	0	SRS	600	71.1	CONCRETE	5.76	HART
SRS	S-MA40008815	S-MH40008117	0	S-MH40008029	0	SRS	450	93.52	CONCRETE	5.106	HART
SRS	S-MA40008816	S-MH40008033	0	S-MH40008030	0	SRS	375	5.49	CONCRETE	5.46	HART
SRS	S-MA40008817	S-MH40008055	0	S-MH40008030	0	SRS	300	101	CONCRETE	5.36	HART
SRS	S-MA40008836	S-MH40008042	0	S-MH40008073	0	SRS	375	87.62	CONCRETE	4.724	HART
SRS	S-MA40008840	S-MH40008047	0	S-MH40008055	0	SRS	300	7.15	CONCRETE	3.34	HART
SRS	S-MA40008850	S-MH40008052	0	S-MH40008042	0	SRS	375	6.94	CONCRETE	3.583	HART
SRS	S-MA40008852	S-MH40008062	0	S-MH40008060	0	SRS	450	11.01	CONCRETE	6.882	HART
SRS	S-MA40008856	S-MH40008059	0	S-MH40008084	0	SRS	600	66	CONCRETE	7.176	HART
SRS	S-MA40008869	S-MH40008073	0	S-MH40008075	0	SRS	375	30.12	CONCRETE	5.985	HART
SRS	S-MA40008870	S-MH40008075	0	S-MH40008059	0	SRS	600	107.05	CONCRETE	6.82	HART
SRS	S-MA40008873	S-MH40008076	0	S-MH40008075	0	SRS	375	13.6	CONCRETE	5.945	HART
SRS	S-MA40008882	S-MH40007422	0	S-MH40008085	0	SRS	300	107.5	CONCRETE	4.927	HART
SRS	S-MA40008883	S-MH40008085	0	S-MH40008090	0	SRS	375	7.3	CONCRETE	6.366	HART
SRS	S-MA40008892	S-MH40008100	0	S-MH40008085	0	SRS	300	118.4	CONCRETE	4.927	HART
SRS	S-MA40008898	S-MH40008099	0	S-MH40008100	0	SRS	300	4.05	CONCRETE	3.892	HART
SRS	S-MA40008910	S-MH40008111	0	S-MH40008112	0	SRS	300	38.9	CONCRETE	4.273	HART
SRS	S-MA40008911	S-MH40008107	0	S-MH40008112	0	SRS	300	4.83	CONCRETE	4.213	HART
SRS	S-MA40008912	S-MH40008112	0	S-MH40008117	0	SRS	300	108.3	CONCRETE	5.066	HART
SRS	S-MA40008918	S-MH40008164	0	S-MH40008117	0	SRS	450	64.55	CONCRETE	5.106	HART

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
SRS	S-MA40008961	S-MH40008160	0	S-MH40008164	0	SRS	300	10.9	CONCRETE	4.85	HART
SRS	S-MA40008962	S-MH40008163	0	S-MH40008164	0	SRS	300	117	CONCRETE	4.64	HART
SRS	S-MA40008963	S-MH40008155	0	S-MH40008163	0	SRS	300	5	CONCRETE	3.957	HART
SRS	S-MA40008964	S-MH40008158	0	S-MH40008165	0	SRS	300	3.7	CONCRETE	4.408	HART
SRS	S-MA40008965	S-MH40008165	0	S-MH40008164	0	SRS	450	74.78	CONCRETE	4.86	HART
SRS	S-MA40008966	S-MH40008166	0	S-MH40008165	0	SRS	375	97	CONCRETE	4.608	HART
SRS	S-MA40008967	S-MH40008146	0	S-MH40008166	0	SRS	375	2.38	CONCRETE	3.909	HART
SRS	S-MA40010988	S-MH40009946	0	S-TE40003689		SRS	750	47.55	CONCRETE	6.565	HART
SRS	S-MA40010993	S-MH40009944	0	S-MH40009946	0	SRS	300	61.4	CONCRETE	6.255	HART
SRS	S-MA40010997	S-MH40009949	0	S-MH40010062	0	SRS	300	46.3	CONCRETE	6.114	HART
SRS	S-MA40010998	S-MH40009970	0	S-MH40010153	0	SRS	2900	205.43	CONCRETE	8.89	HART
SRS	S-MA40011005	S-MH40009937	0	S-MH40010157	0	SRS	1350	95.86	CONCRETE	8.225	HART
SRS	S-MA40011118	S-MH40010069	0	S-MH40009946	0	SRS	300	101.57	CONCRETE	6.205	HART
SRS	S-MA40011123	S-TE40003756		S-MH40009946	0	SRS	750	45.51	CONCRETE		HART
SRS	S-MA40011124	S-MH40010062	0	S-TE40003756		SRS	750	58.44	CONCRETE	6.634	HART
SRS	S-MA40011125	S-MH40010066	0	S-MH40010062	0	SRS	300	96.5	CONCRETE	6.094	HART
SRS	S-MA40011201	S-TE40003800		S-MH40010150	0	SRS	750	38.59	CONCRETE		HART
SRS	S-MA40011202	S-MH40010209	0	S-TE40003800		SRS	750	62.58	CONCRETE	5.424	HART
SRS	S-MA40011207	S-MH40010198	0	S-MH40010146	0	SRS	300	81.7	CONCRETE	5.177	HART
SRS	S-MA40011208	S-MH40010146	0	S-MH40010150	0	SRS	300	22.96	CONCRETE	5.583	HART
SRS	S-MA40011211	S-MH40010149	0	S-MH40010162	0	SRS	750	104.73	CONCRETE	5.994	HART
SRS	S-MA40011212	S-MH40010150	0	S-MH40010149	0	SRS	750	32.64	CONCRETE	5.915	HART
SRS	S-MA40011218	S-MH40010157	0	S-PL40003805		SRS	1350	39.48	CONCRETE	8.225	HART
SRS	S-MA40011231	S-MH40010153	0			SRS	2900	37.87	CONCRETE	8.89	HART
SRS	S-MA40011236	S-MH40010177	0	S-MH40010182	0	SRS	600	36.56	CONCRETE	3.72	HART
SRS	S-MA40011242	S-MH40010182	0	S-MH40010201	0	SRS	600	111.36	CONCRETE	4.66	HART
SRS	S-MA40011245	S-MH40010185	0	S-MH40010186	0	SRS	300	45	CONCRETE	3.369	HART
SRS	S-MA40011247	S-TE40003811		S-MH40010209	0	SRS	600	56.73	CONCRETE		HART
SRS	S-MA40011258	S-MH40010201	0	S-MH40010209	0	SRS	600	80.67	CONCRETE	5.337	HART
SRS	S-MA40011265	S-MH40010208	0	S-MH40010209	0	SRS	300	61.98	CONCRETE	5.057	HART
SRS	S-MA70069693	S-MH70032853	0	S-MH40007602	0	SRS	300	2.53	PVC	4.801	HART
SRS	S-MA70116192	S-PL40003805				SRS	1350	22.8	CONCRETE		HART
SRS	S-MA60020201	S-TE60008002		S-TE60008003		SRS	2100	6.29	CONCRETE		RIVER
SRS	S-MA60020231	S-MH60017480	0	S-TE60008003		SRS	1200	130.41	CONCRETE	8.836	RIVER
SRS	S-MA60020261	S-TE60010220		S-MH60017481	0	SRS	600	2.13	CONCRETE		RIVER
SRS	S-MA60020520	S-MH60017706	0	S-MH60017707	0	SRS	1350	127.84	*UNKNOWN	7.66	RIVER
SRS	S-MA60020601	S-TE60008003		S-PL70051291		SRS	1250	5.97	CONCRETE		RIVER
SRS	S-MA60023805	S-MH60017751	0	S-TE60007997		SRS	1250	168.48	CONCRETE	8.295	RIVER
SRS	S-MA70009893	S-PL70004199		S-MH70003909	0	SRS	1350	3.7	CONCRETE		RIVER
SRS	S-MA70024425	S-MH60017476	0	S-TE60008002		SRS	9999	58.08	CONCRETE	9.472	RIVER
TRUNK	S-MA20014067	S-MH20012736	0	S-MH20012737	0	CS	900	15.24	POLYESTE	4.092	ASSINIBOINE
TRUNK	S-MA20014092	S-MH20012752	0	S-MH20012753	0	CS	900	7.16	BRICK	4.062	ASSINIBOINE
TRUNK	S-MA70008096	S-MH20011932	0	S-MH70003285	226.42	CS	1200	16.18	BRICK	6.335	ASSINIBOINE
TRUNK	S-MA70008116			S-TE70027434		CS	1350	13.26	CONCRETE		ASSINIBOINE
TRUNK	S-MA70016038	S-MH70003285	226.42			CS	1350	32.85	CONCRETE	6.225	ASSINIBOINE
TRUNK	S-MA70040510	S-MH70016160	0	S-MH20011932	0	CS	1200	75.07	BRICK	6.24	ASSINIBOINE
TRUNK	S-MA70040516	S-MH70016165	0	S-MH20012752	0	CS	900	79.96	BRICK	4.02	ASSINIBOINE

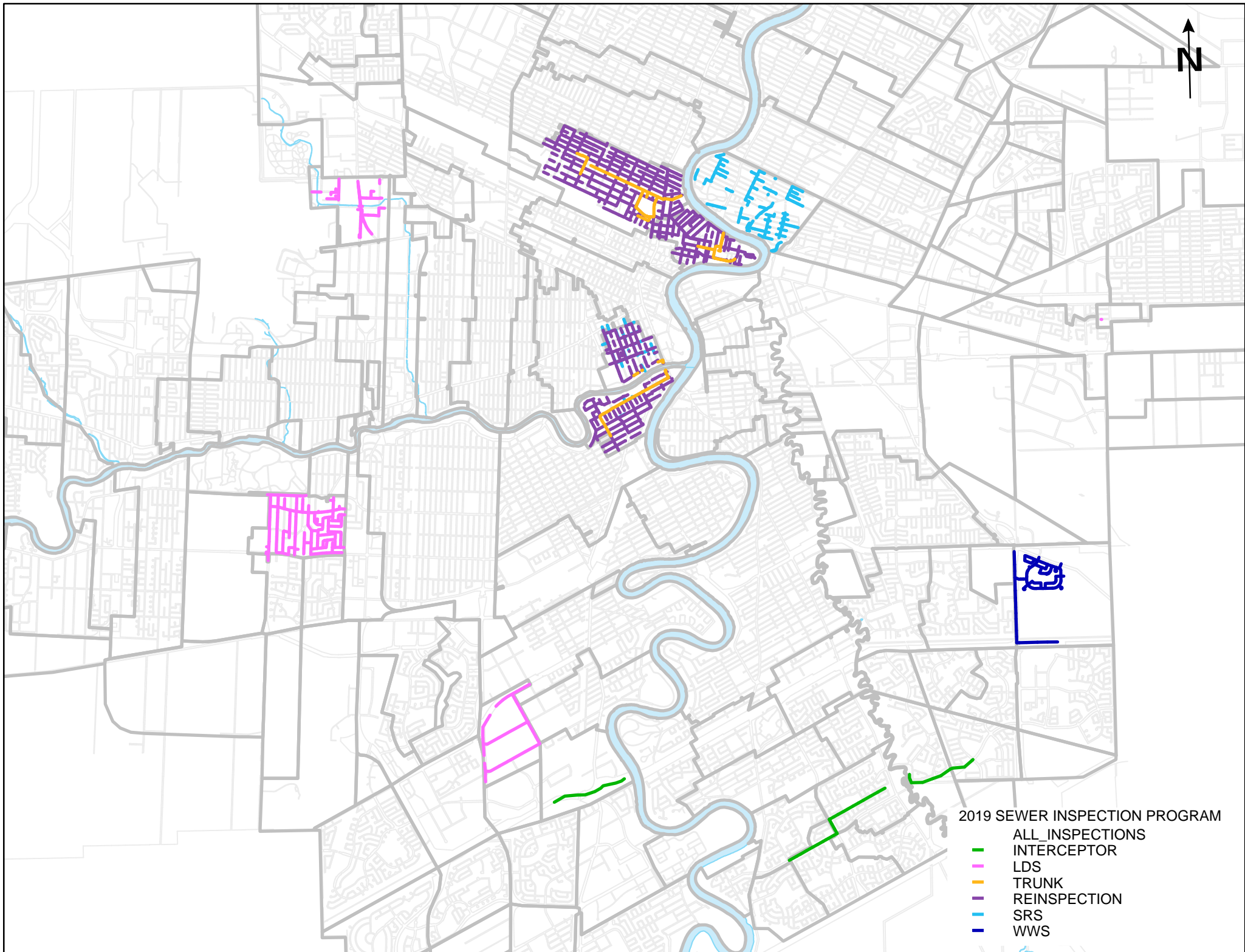
INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
TRUNK	S-MA60018423	S-MH60013635	0	S-MH60013643	0	CS	883	107.09	POLYFELT	6.954	RIVER
TRUNK	S-MA60020227	S-MH60017500	0	S-MH60017497	0	CS	1350	85.65	BRICK	7.134	RIVER
TRUNK	S-MA60020232	S-MH60017478	224.63	S-MH60017500	0	CS	1350	37.59	BRICK	7.274	RIVER
TRUNK	S-MA60020235	S-MH60017503	0	S-MH60017478	224.63	CS	1350	50.79	BRICK	231.689	RIVER
TRUNK	S-MA60020251	S-MH60017497	0	S-MH60017519	0	CS	1350	85.74	BRICK	7.636	RIVER
TRUNK	S-MA60020332	S-MH60017574	0	S-MH60017564	0	CS	1500	3.5	BRICK	6.602	RIVER
TRUNK	S-MA60020333	S-MH60017564	0	S-MH60017577	0	CS	1500	77.4	BRICK	6.605	RIVER
TRUNK	S-MA60020406	S-MH60017622	0	S-MH60017574	0	CS	1500	47.12	BRICK	6.477	RIVER
TRUNK	S-MA60020408	S-MH60017519	0	S-MH60017624	0	CS	1500	89.11	BRICK	7.246	RIVER
TRUNK	S-MA60020409	S-MH60017624	0	S-MH60017625	0	CS	1350	46.02	BRICK	7.332	RIVER
TRUNK	S-MA60020410	S-MH60017625	0	S-MH60017626	0	CS	1500	65.53	BRICK	7.332	RIVER
TRUNK	S-MA60020411	S-MH60017626	0	S-MH60017622	0	CS	1500	101.08	POLYESTE	6.904	RIVER
TRUNK	S-MA60020542	S-MH60017724	0	S-MH60017503	0	CS	1350	85.59	BRICK	231.689	RIVER
TRUNK	S-MA60020628	S-MH60017780	0	S-MH60017771	0	CS	1350	85.71	BRICK	7.794	RIVER
TRUNK	S-MA60020629	S-MH60017771	0	S-MH60017724	0	CS	1350	85.59	BRICK	7.892	RIVER
TRUNK	S-MA60020655	S-MH60017812	0	S-MH60017802	0	CS	1350	86.48	BRICK	7.495	RIVER
TRUNK	S-MA60020707	S-MH60013643	0	S-MH60017837	0	CS	900	100.28	BRICK	6.786	RIVER
TRUNK	S-MA60020740	S-MH60017837	0	S-MH60017812	0	CS	1350	163.86	*UNKNOWN	231.667	RIVER
TRUNK	S-MA60021606	S-MH60008975	0	S-MH60018446	0	CS	900	16.46	BRICK	6.519	RIVER
TRUNK	S-MA60021607	S-MH60018446	0	S-MH60013635	0	CS	900	82.74	BRICK	6.794	RIVER
TRUNK	S-MA60023795	S-MH60017789	0	S-MH60017780	0	CS	1350	85.64	BRICK	7.794	RIVER
TRUNK	S-MA70004353	S-MH60017577	0	S-MH70001932	0	CS	1500	90.24	BRICK	6.489	RIVER
TRUNK	S-MA70004371	S-MH70001936	0	S-TE70001755		CS	1350	8.61	CONCRETE	7.071	RIVER
TRUNK	S-MA70004374	S-TE70001755		S-TE70001756		CS	1350	7.47	CONCRETE		RIVER
TRUNK	S-MA70004375	S-TE70026413		S-TE70026414		CS	1350	58.61			RIVER
TRUNK	S-MA70004382	S-MH70001932	0	S-MH70001936	0	CS	1350	83.03	CONCRETE	7.071	RIVER
TRUNK	S-MA70009838	S-MH60017802	0	S-MH70003875	225.5	CS	1350	72.57	BRICK	7.495	RIVER
TRUNK	S-MA70009839	S-MH70003875	225.5	S-MH60017789	0	CS	1350	13.26	BRICK	7.822	RIVER
TRUNK	S-MA00012914	S-MH00012712	0	S-MH00011635	0	CS	1500	196.92	BRICK	5.51	SELKIRK
TRUNK	S-MA00012920	S-MH00011550	0	S-MH00011555	0	CS	900	10.99	CONCRETE	4.028	SELKIRK
TRUNK	S-MA00012997	S-MH00011635	0	S-MH00011694	0	CS	1500	201.22	BRICK	5.792	SELKIRK
TRUNK	S-MA00013073	S-MH00011694	0	S-MH00011756	0	CS	1500	201.17	BRICK	6.34	SELKIRK
TRUNK	S-MA00013171	S-MH00011756	0	S-MH00011785	0	CS	2000	105.17	BRICK	6.41	SELKIRK
TRUNK	S-MA00013195	S-MH00011785	0	S-MH00011883	0	CS	1650	96.01	BRICK	6.44	SELKIRK
TRUNK	S-MA00013243	S-MH00011827	0	S-MH00011894	0	CS	1350	139.99	CONCRETE	4.786	SELKIRK
TRUNK	S-MA00013263	S-MH00011921	0	S-MH00011837	0	CS	1200	116.59	CONCRETE	5.126	SELKIRK
TRUNK	S-MA00013267	S-MH00011837	0	S-MH00011872	0	CS	1350	113.48	CONCRETE	5.49	SELKIRK
TRUNK	S-MA00013313	S-MH00011883	0	S-MH00011967	0	CS	1800	100.59	BRICK	6.44	SELKIRK
TRUNK	S-MA00013326	S-MH00011894	0	S-TE00005586		CS	1350	138.51	CONCRETE	4.786	SELKIRK
TRUNK	S-MA00013344	S-MH00011910	0	S-MH70005486	0	CS	1200	112.13	CONCRETE	5.174	SELKIRK
TRUNK	S-MA00013367	S-MH00011918	0	S-TE00005603		CS	1350	112.84	CONCRETE	5.511	SELKIRK
TRUNK	S-MA00013373	S-MH00011910	0	S-MH00011921	0	CS	1200	106.37	CONCRETE	4.919	SELKIRK
TRUNK	S-MA00013375	S-MH00011872	0	S-MH00011918	0	CS	1350	92.42	CONCRETE	5.511	SELKIRK
TRUNK	S-MA00013390	S-MH00011911	0	S-MH00011947	0	CS	1350	168.38	CONCRETE	5.63	SELKIRK
TRUNK	S-MA00013400	S-MH00011947	0	S-TE00005629		CS	1350	70.83	CONCRETE	5.63	SELKIRK
TRUNK	S-MA00013401	S-MH00011967	0	S-MH00011983	0	CS	1800	111.26	BRICK	6.44	SELKIRK
TRUNK	S-MA00013424	S-MH00011983	0	S-MH00011996	0	CS	2000	139.3	BRICK	6.44	SELKIRK

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
TRUNK	S-MA00013443	S-MH00011980	0	S-MH00011983	0	CS	900	94.12	BRICK	5.765	SELKIRK
TRUNK	S-MA00013450	S-TE00005629		S-TE00005637		CS	1350	92.34	CONCRETE		SELKIRK
TRUNK	S-MA00013453	S-MH00011996		S-MH00012134		CS	2000	165.04	BRICK		SELKIRK
TRUNK	S-MA00013615	S-MH00012134	0	S-MH00012279	0	CS	2000	123.76	BRICK	7.35	SELKIRK
TRUNK	S-MA00013786	S-MH00012279	0	S-MH00012339	0	CS	2000	131.06	BRICK	7.39	SELKIRK
TRUNK	S-MA00013835	S-MH00012339	0	S-TE70021163		CS	2000	51.65	BRICK	7.39	SELKIRK
TRUNK	S-MA00014261	S-MH00012702	0	S-MH00012712	0	CS	1500	100.45	BRICK	5.08	SELKIRK
TRUNK	S-MA00014265	S-MH00012705	0	S-MH00012800	0	CS	900	88.55	BRICK	4.84	SELKIRK
TRUNK	S-MA00014358	S-MH00012814	227.51	S-MH00012798	0	CS	900	9.9	CONCRETE	4.8	SELKIRK
TRUNK	S-MA00014362	S-MH00012798	0	S-MH00012800	0	CS	900	90.48	CONCRETE	5.68	SELKIRK
TRUNK	S-MA00014376	S-MH00012832	0	S-MH00012814	227.51	CS	900	92.41	CONCRETE	4.73	SELKIRK
TRUNK	S-MA00015812	S-MH00011555	0	S-TE00005993		CS	900	108.28	CONCRETE	4.028	SELKIRK
TRUNK	S-MA00015813	S-TE00005993		S-MH00012705	0	CS	900	1.53	CONCRETE		SELKIRK
TRUNK	S-MA70013644	S-MH70005486	0	S-MH00011911	0	CS	1350	78.89	CONCRETE	5.529	SELKIRK
TRUNK	S-MA70035583	S-MH00012831	0	S-MH00012832	0	CS	900	106.07	CONCRETE	4.47	SELKIRK
TRUNK	S-MA00013980	S-MH00012471	0	S-MH00012494	0	CS	900	21.8	BRICK	6.32	SYNDICATE
TRUNK	S-MA00013986	S-MH00012481	0	S-MH00012471	0	CS	900	78.84	BRICK	6.32	SYNDICATE
TRUNK	S-MA00014007	S-MH00012492	0	S-MH00012497	0	CS	900	17.3	BRICK	6.55	SYNDICATE
TRUNK	S-MA00014018	S-MH00012493	0	S-MH00012492	0	CS	900	39.36	BRICK	6.36	SYNDICATE
TRUNK	S-MA00014019	S-MH00012494	0	S-MH00012493	0	CS	900	58.3	POLYBRIC	6.34	SYNDICATE
TRUNK	S-MA00015841	S-MH00014069	0	S-MH00014068	0	CS	1050	81.38	BRICK	-26.493	SYNDICATE
TRUNK	S-MA00015842	S-MH00014071	0	S-MH00014069	0	CS	1050	23	BRICK	3.888	SYNDICATE
TRUNK	S-MA00015843	S-MH00014070	0	S-MH00014071	0	CS	1050	51.68	BRICK	4.341	SYNDICATE
TRUNK	S-MA00015848	S-MH00014072	0	S-MH00014070	0	CS	900	38.63	*UNKNOWN	6.249	SYNDICATE
TRUNK	S-MA00015850	S-PL00006760		S-TE00006759		CS	900	19.61	*UNKNOWN		SYNDICATE
TRUNK	S-MA00015859	S-MH00014068	0	S-MH00014128	0	CS	1050	81.96	BRICK	3.08	SYNDICATE
TRUNK	S-MA70003270	S-MH00014128	0	S-MH70001445	223.95	CS	1500	53.9	CONCRETE	6.531	SYNDICATE
TRUNK	S-MA70003278			S-MH70001445	223.95	CS	1350	3.99	CONCRETE		SYNDICATE
TRUNK	S-MA70003279	S-MH70001445	223.95	S-MH70001445	223.95	CS	1500	0.41	CONCRETE	6.531	SYNDICATE
TRUNK	S-MA70003289	S-MH70001446	0			CS	1350	87.41	CONCRETE	4.59	SYNDICATE
TRUNK	S-MA70003296	S-MH70001448	0	S-MH70001446	0	CS	1350	183.35	CONCRETE	5.45	SYNDICATE
TRUNK	S-MA70003298	S-MH70001447	0	S-MH70001448	0	CS	1350	94.54	CONCRETE	6.41	SYNDICATE
TRUNK	S-MA70003302	S-MH00012497	0	S-MH70001451	0	CS	900	80.91	BRICK	6.55	SYNDICATE
TRUNK	S-MA70003308	S-MH70001451	0	S-TE70001304		CS	900	10.02	CONCRETE	5.661	SYNDICATE
TRUNK	S-MA70003309	S-TE70001304		S-MH70001447	0	CS	1350	1	CONCRETE		SYNDICATE
TRUNK	S-MA70003313	S-MH70001452	0	S-TE70001304		CS	1350	166.82	CONCRETE	6.04	SYNDICATE
TRUNK	S-MA70003319	S-MH70001453	0	S-MH70001452	0	CS	1350	105.08	CONCRETE	6.04	SYNDICATE
TRUNK	S-MA70003324	S-MH70001455	0	S-MH70001453	0	CS	1350	104.04	CONCRETE	5.96	SYNDICATE
TRUNK	S-MA70032668	S-MH70001461	0	S-MH70001455	0	CS	900	74.44	CONCRETE	5.86	SYNDICATE
TRUNK	S-MA70032670	S-MH70001466	0	S-MH70001461	0	CS	900	84.3	CONCRETE	5.61	SYNDICATE
WWS	S-MA50003492	S-MH50002992	0	S-MH50002993	0	WWS	250	73	PVC	5.54	AREA 26.1
WWS	S-MA50003493	S-MH50002993	0	S-MH50002994	0	WWS	250	62.59	PVC	5.393	AREA 26.1
WWS	S-MA50003494	S-MH50002994	0	S-MH50002995	0	WWS	250	43.77	PVC	5.72	AREA 26.1
WWS	S-MA50003495	S-MH50002995	0	S-MH50002996	0	WWS	250	101.1	PVC	5.72	AREA 26.1
WWS	S-MA50003496	S-PL50000600		S-MH50002996	0	WWS	450	49.97	PVC		AREA 26.1
WWS	S-MA50003498	S-MH50002998	0	S-MH50002993	0	WWS	250	42.63	PVC	5.213	AREA 26.1
WWS	S-MA50003528	S-MH50003029	0	S-MH50003030	0	WWS	250	64.85	CONCRETE	4.306	AREA 26.1

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
WWS	S-MA50003529	S-MH50003030	0	S-MH50002996	0	WWS	250	86.48	CONCRETE	4.879	AREA 26.1
WWS	S-MA50003531	S-MH50002996	0	S-MH50003032	0	WWS	450	78.62	PVC	5.499	AREA 26.1
WWS	S-MA50003536	S-MH50003029	0	S-MH50003036	0	WWS	250	83.3	CONCRETE	4.306	AREA 26.1
WWS	S-MA50003538	S-MH50003032	0	S-MH50003038	0	WWS	450	90.26	PVC	5.759	AREA 26.1
WWS	S-MA50003539	S-MH50003040	0	S-MH50003038	0	WWS	250	41.2	CONCRETE	5.569	AREA 26.1
WWS	S-MA50003541	S-MH50003036	0	S-MH50003042	0	WWS	250	136.21	CONCRETE	4.15	AREA 26.1
WWS	S-MA50003558	S-MH50003059	0	S-MH50003060	0	WWS	250	93.9	CONCRETE	5.19	AREA 26.1
WWS	S-MA50003560	S-MH50003060	0	S-MH50003062	0	WWS	450	104.7	PVC	5.547	AREA 26.1
WWS	S-MA50003563	S-MH70006324	0	S-MH50003062	0	WWS	250	34.32	PVC	4.027	AREA 26.1
WWS	S-MA50003581	S-MH50003081	0	S-MH50003082	0	WWS	750	112.35	CONCRETE	6.14	AREA 26.1
WWS	S-MA50003582	S-MH50003082	0	S-MH50003083	0	WWS	750	112.32	CONCRETE	5.495	AREA 26.1
WWS	S-MA50003583	S-MH50003083	0	S-MH50003084	0	WWS	750	112.5	CONCRETE	5.805	AREA 26.1
WWS	S-MA50003584	S-MH50003084	0	S-MH50003085	0	WWS	750	114.12	CONCRETE	6.321	AREA 26.1
WWS	S-MA50003585	S-MH50003085	0	S-MH50003086	0	WWS	750	112.53	CONCRETE	6.321	AREA 26.1
WWS	S-MA50003586	S-MH50003086	0	S-MH50003087	0	WWS	750	112.16	CONCRETE	5.944	AREA 26.1
WWS	S-MA50003588	S-MH50003063	0	S-MH50003085	0	WWS	450	107.4	PVC	6.361	AREA 26.1
WWS	S-MA50003601	S-MH50003097	0	S-MH50003099	0	WWS	250	93.8	CONCRETE	5.238	AREA 26.1
WWS	S-MA50003607	S-MH50003104	0	S-MH50003060	0	WWS	450	84.36	PVC	5.45	AREA 26.1
WWS	S-MA50003617	S-MH50003110	0	S-MH50003104	0	WWS	450	81.06	PVC	5.07	AREA 26.1
WWS	S-MA50003619	S-MH50003099	0	S-MH50003110	0	WWS	450	84.03	PVC	5.388	AREA 26.1
WWS	S-MA50003628	S-MH50003042	0	S-MH50003123	0	WWS	250	85.29	CONCRETE	5.25	AREA 26.1
WWS	S-MA50003635	S-MH50003123	0	S-MH50003099	0	WWS	450	74.07	PVC	5.46	AREA 26.1
WWS	S-MA50003638	S-MH50003038	0	S-MH50003131	0	WWS	450	127.02	PVC	5.759	AREA 26.1
WWS	S-MA50003639	S-MH50003131	0	S-MH50003123	0	WWS	450	126.5	PVC	5.46	AREA 26.1
WWS	S-MA50003662	S-MH50003155	0	S-MH50003040	0	WWS	250	64.06	CONCRETE	3.443	AREA 26.1
WWS	S-MA50003665	S-MH50003087	0	S-MH50003158	0	WWS	750	129.08	CONCRETE	6.997	AREA 26.1
WWS	S-MA50003666	S-MH50003158	0	S-MH50003159	0	WWS	900	53.61	CONCRETE	7.117	AREA 26.1
WWS	S-MA50003667	S-MH50003159	0	S-MH50003160	0	WWS	900	106.95	CONCRETE	6.33	AREA 26.1
WWS	S-MA50003668	S-MH50003160	0	S-MH50003161	0	WWS	900	105.52	CONCRETE	6.554	AREA 26.1
WWS	S-MA50003669	S-MH50003161	0	S-MH50003162	0	WWS	900	99.73	CONCRETE	7.39	AREA 26.1
WWS	S-MA50003670	S-MH50003162	0	S-MH50003163	0	WWS	900	97.14	CONCRETE	7.39	AREA 26.1
WWS	S-MA50003671	S-MH50003163	0	S-MH50003164	0	WWS	900	105.49	CONCRETE	7.224	AREA 26.1
WWS	S-MA50003677	S-MH50003164	0	S-MH50003170	0	WWS	900	107.17	CONCRETE	7.168	AREA 26.1
WWS	S-MA50004980	S-MH50003097	0	S-MH50004272	0	WWS	250	99.36	CONCRETE	3.778	AREA 26.1
WWS	S-MA50004981	S-MH50004272	0	S-MH50003059	0	WWS	250	60.34	CONCRETE	4.199	AREA 26.1
WWS	S-MA50008410	S-MH50007127	0	S-MH50007128	0	WWS	250	65.75	CONCRETE	3.498	AREA 26.1
WWS	S-MA50008415	S-MH50007128	0	S-MH50003060	0	WWS	250	80.99	*UNKNOWN	5.19	AREA 26.1
WWS	S-MA50008423	S-MH50003045	0	S-MH50002994	0	WWS	250	85.93	PVC	5.336	AREA 26.1
WWS	S-MA70003906	S-MH50002997	0	S-MH50002998	0	WWS	250	66.74	PVC	3.671	AREA 26.1
WWS	S-MA70013512	S-MH70012115	0	S-MH70005431	0	WWS	250	109.6	*UNKNOWN	4.658	AREA 26.1
WWS	S-MA70013525	S-MH70005430	0	S-MH70005431	0	WWS	250	100.87	PVC	4.21	AREA 26.1
WWS	S-MA70013527	S-MH70014734	0	S-MH70005430	0	WWS	250	68.65	PVC	4.22	AREA 26.1
WWS	S-MA70013528	S-MH70005430	0	S-MH70014755	0	WWS	250	71.33	PVC	4.59	AREA 26.1
WWS	S-MA70013886	S-MH50003170	0			WWS	900	106.41	CONCRETE	7.168	AREA 26.1
WWS	S-MA70013896	S-MH70029191	0	S-MH50003171	0	WWS	1350	45.77	CONCRETE	7.978	AREA 26.1
WWS	S-MA70015653	S-MH70006333	0	S-MH70006324	0	WWS	250	97.88	PVC	4.228	AREA 26.1
WWS	S-MA70015678	S-MH70010124	0	S-MH70006333	0	WWS	250	79.4	PVC	4.24	AREA 26.1

INSPECTION_TYPE	ASSET_NUMBER	US_NODE	START_WEIR	DS_NODE	END_WEIR	FLOW_TYPE	MAIN_SIZE_MAX	LENGTH	MATERIAL	MAX_DEPTH	SEWER_DISTRICT
WWS	S-MA70026810	S-MH50003062	0	S-TE70012711		WWS	450	62.29	PVC	5.547	AREA 26.1
WWS	S-MA70026811	S-TE70012711		S-MH50003063	0	WWS	450	40.41	PVC		AREA 26.1
WWS	S-MA70028098			S-MH70010124	0	WWS	300	25	PVC		AREA 26.1
WWS	S-MA70028118	S-PL70013460		S-MH70010142	0	WWS	250	64.33	PVC		AREA 26.1
WWS	S-MA70028119	S-MH70010142	0	S-MH70010143	0	WWS	250	83.89	PVC	4.091	AREA 26.1
WWS	S-MA70028120	S-MH70010143	0	S-MH70010124	0	WWS	250	98.58	PVC	4.24	AREA 26.1
WWS	S-MA70028169	S-MH70010162	0	S-MH70010142	0	WWS	250	53.46	PVC	4.091	AREA 26.1
WWS	S-MA70028171	S-MH70010163	0	S-MH70010162	0	WWS	250	61.58	PVC	3.85	AREA 26.1
WWS	S-MA70028172	S-MH70010164	0	S-MH70010163	0	WWS	250	122.62	PVC	3.85	AREA 26.1
WWS	S-MA70028173			S-MH70010162	0	WWS	250	7.25	PVC		AREA 26.1
WWS	S-MA70028174	S-MH70010165	0	S-MH70010166	0	WWS	250	68.1	PVC	3.9	AREA 26.1
WWS	S-MA70028175	S-MH70010166	0	S-MH70014754	0	WWS	250	105	PVC	4.94	AREA 26.1
WWS	S-MA70033783	S-MH70014754	0	S-MH50002992	0	WWS	250	81.74	PVC	5.558	AREA 26.1
WWS	S-MA70033824	S-MH70012114	0	S-MH50002992	0	WWS	250	97.99	PVC	5.588	AREA 26.1
WWS	S-MA70033825	S-MH70012115	0	S-MH70012114	0	WWS	250	89.72	PVC	4.53	AREA 26.1
WWS	S-MA70038063	S-MH70010143	0	S-MH70014734	0	WWS	250	62.22	PVC	3.61	AREA 26.1
WWS	S-MA70038083	S-MH70014755	0	S-MH70014754	0	WWS	250	86.19	PVC	4.94	AREA 26.1
WWS	S-MA70049803	S-MH70021339	0	S-MH70010164	0	WWS	250	86.29	PVC	3.6	AREA 26.1
WWS	S-MA70049804	S-MH70021339	0	S-MH70021340	0	WWS	250	117.86	PVC	3.774	AREA 26.1
WWS	S-MA70049829	S-MH70021340	0			WWS	250	83.96	PVC	3.774	AREA 26.1
WWS	S-MA70064209	S-MH70029187	0	S-MH70029188	0	WWS	900	175.7	CONCRETE	7.674	AREA 26.1
WWS	S-MA70064210	S-MH70029188	0	S-MH70029189	0	WWS	900	175	CONCRETE	7.674	AREA 26.1
WWS	S-MA70064211	S-MH70029189	0	S-MH70029190	0	WWS	900	185	CONCRETE	7.502	AREA 26.1
WWS	S-MA70064212	S-MH70029190	0	S-MH70029191	0	WWS	900	128.8	CONCRETE	7.978	AREA 26.1

APPENDIX B – LOCATION MAP



2019 SEWER INSPECTION PROGRAM

- ALL_INSPECTIONS INTERCEPTOR
- LDS
- TRUNK
- REINSPECTION
- SRS
- WWS