

NPDES PERMIT (NER210000) FOR SMALL MUNICIPAL STORM
SEWER DISCHARGES TO WATERS OF THE STATE LOCATED IN
DOUGLAS, SARPY, AND WASHINGTON COUNTIES OF NEBRASKA

NPDES PERMIT NUMBER (NER210000)

2022 ANNUAL REPORT

Submitted by:

CITY OF BELLEVUE
1500 WALL STREET
BELLEVUE, NE 68005

April 1st, 2023

Report of Certification

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations. See 18 U.S.C. 1001 and 33 U.S.C 1319, and Neb. Rev. Stat. 81-1508 thru 81-1508.02.”

Signature of Authorized Representative or Cognizant Official Date

Printed Name Title

1. BACKGROUND

On July 1, 2017 the Nebraska Department of Environmental Quality (NDEQ) issued a National Pollutant Discharge Elimination System (NPDES) permit NER210000 for Small Municipal Storm Sewer discharges to waters of the state located in Douglas, Sarpy, and Washington Counties of Nebraska. The co-permittees of the Papillion Creek Watershed Partnership (PCWP) currently authorized to discharge municipal storm water under this permit are Bellevue, Boys Town, Gretna, La Vista, Papillion, Ralston and Sarpy County.

The NPDES permit requires that the co-permittees submit by April 1 each year an Annual Report documenting the status of all the general programs and individual tasks contained in the Storm Water Management Plan (SWMP). This document is being submitted by the City of Bellevue to meet that requirement and covers the period from January 1-December 31, 2022.

2. COOPERATIVE AGREEMENT

The Partnership entities entered into an interlocal agreement in 2001 and continuation agreements in 2004, 2009, 2014, and 2019 that established a framework for meeting the permit requirements. The 2019 agreement was approved by the following entities Bellevue, Boys Town, La Vista, Papillion, Ralston, Sarpy County, Gretna, the Papio Missouri Natural Resources District and City of Omaha. These agreements identify the lead organization and the participating partners for each SWMP element and establish a basis for cost-sharing to meet the Phase II permit requirements of the permittees. The SWMP for the permit issued in 2017 was approved on June 28, 2018. This report covers the second half of permit year 4 and the first half of permit year 5.

3. PERMITTEE COORDINATION

In 2001, the PCWP began as a planning committee to assist the small MS4 communities in addressing their permit application requirements. The focus of the continuation agreement reached in 2004 was on the implementation of the SWMP as incorporated in the general NPDES permit. The 2009 agreement focused on an overall watershed plan addressing water quality and water quantity for the participating members as well as a renewal of the NPDES permit and implementation of the updated SWMP. The 2019 agreement continues implementation of the watershed plan along with a renewal of the NPDES permit and an updated SWMP. A new permit was effective July 2017 however, the SWMP was not approved until June 28, 2018.

The PCWP has held monthly meetings since August 2001. The meetings help to coordinate activities and identify needs consistent with the goals of the PCWP and implement the NPDES permit SWMP.

4. STORMWATER MANAGEMENT PLAN ACTIVITY SUMMARY

A. Public Education and Outreach

A.1, 3, & 4. Develop a plan for outreach that defines the goals, objectives, target audience, and distribution process of materials for the public education and outreach program. Year 1 – Develop a 5-year education and outreach plan. Submit the plan to NDEQ with the Annual Report. Years 2-5 – Review and update the plan each permit year and include the revised plan in the annual report.

The outreach plan was reviewed and deemed sufficient. No updates were made.

Keep Omaha Beautiful and the City of Omaha Stormwater staff assisted the PCWP with distribution of different types of brochures and educational information and materials throughout 2022. Brochure topics include pollution prevention, good housekeeping, pesticide, fertilizer, and household hazardous waste. They were present at community events and outreach activities where 7,976 brochures distributed on various topics. Brochures and educational information were delivered to commercial and public locations around the area and presentations made to local groups. School events, virtual presentations, and community events provided an opportunity to reach 22,237 attendees. A total of 6,537 items were distributed or downloaded from OmahaStormwater.org and the Keep Omaha Beautiful Website. A list of locations and summary of presentations, both in-person and virtual, are provided in Attachment A-Summary of Outreach Activities for calendar year 2022.

This permit requirement has been met.

A.2. Maintain and update appropriate messages for targeted residential, construction, and commercial issues. Year 1 – Inventory current outreach materials in each of these target areas and develop new materials as needed. Years 2-5 – Provide copies of new outreach materials in the annual report.

The City of Omaha Environmental Quality Control Division has developed many outreach materials over the years for use by the PCWP communities. These materials have been inventoried and categorized into the following target areas: residential, construction, commercial, and industrial. An inventory of current outreach materials is provided in Attachment B. No new outreach materials were developed.

This permit requirement has been met.

B. Public Participation and Involvement

B.1. Provide opportunities for citizens to comment on new rules, ordinances, and regulations regarding the MS4. On-Going All Years – Post on the City of Bellevue website proposed changes to rules, ordinances, and regulations. Provide information in the annual report on approved changes and input received from the public.

The Grading Permit Terms and Conditions were updated to be consistent with the Nebraska Department of Environment and Energy Construction Stormwater Permit. These changes were presented at Partnership meetings for community discussion on April 8, 2022 and during the Partnership meeting on August 25, 2022. Meeting minutes, with attendee lists are available at www.papiopartnership.org. A stakeholder meeting was also held on September 22, 2022 to discuss the changes with representatives of the regulated community. A sign-in sheet from that meeting is included in Attachment A.

This permit requirement has been met.

B.2. Create opportunities for citizens to participate in the implementation of stormwater controls. On-Going All Years – Post on the Papillion Creek Watershed Partnership Website opportunities for public involvement in stormwater control related activities.

The PCWP website, www.papiopartnership.org, includes but is not limited to, the contact information for PCWP representatives (including links to the respective PCWP representative's websites) and the illegal dumping/illicit discharge report form, PCWP meeting minutes, upcoming meetings and outreach opportunities, PCWP permits, past reports, and studies are also available on-line as well as general information about the PCWP and about watersheds, best management practices, and stormwater management in general. Additional items located on the website are the current PCWP interlocal agreement, watershed management plan, implementation plan, and stormwater policies, all of which were adopted by the PCWP coordinated partners in 2019. A link is also included to the City of Omaha's stormwater web site, www.omahastormwater.org.

The City of Omaha has developed and deployed a website, www.omahastormwater.org dedicated to the City's Stormwater Management Program. From the website industries within the PCWP can access the necessary documents to apply for stormwater permits.

Residents can access information from the City of Omaha's website as to how they can improve water quality through actions they take at home. Children's activities are also available on the website. There is public information available on demonstration stormwater best management practices that have been implemented in areas of the city. Additionally, there is an online complaint or comment form available to the public. Attachment A provides the download statistics for the omahastormwater.org website and Omaha Stormwater Facebook Page for 2022. The PCWP held three meetings in 2022, which are open to the public, and the minutes for those meetings are available on the PCWP website at www.papiopartnership.org.

Keep Omaha Beautiful, Inc. (KOB) organized 2022 Litter and Stream Clean ups. There was a total of 267 cleanup efforts near waterways throughout the year. 4,865 volunteers donated 11,084 hours collecting 4,075 bags of litter. In addition to the water courses, parks and trails were also targeted in the cleanup efforts.

KOB also coordinates storm drain marking throughout the Papillion Creek Watershed. KOB continues to utilize a GIS tracking system to better direct the volunteers to areas that do not have storm drains marked. The City of Omaha has approximately 110,000 storm drains, using the GIS system should make tracking those inlets which have been marked or need marking easier to manage. KOB coordinated volunteers throughout 2022 to mark and clean storm sewer inlets. In 2022, 3,154 inlets were marked by 609 volunteers.

The World O! Water Festival was held on September 10, 2022 from 1 PM until 4PM at Wehrspann Lake / Chalco Hills Recreation Area. There were 17 other organizations that participated by handing out information, conducting an activity or providing a demonstration. The approximate number of visitors attending World O! Water in 2022 was 280. Information available at the event included water stewardship, recycling, water quality, and water conservation. Activities included a watershed pollution demonstrative model, nature hikes, and science experiments and more. After two years of a virtual event, this event was smaller in scope than before the pandemic. To help prevent further spread of COVID-19, some activities, such as canoe rides, were not available this year. This was the 18th year of World O! Water. A website, <https://www.worldowater.org>, and Facebook page are maintained year round with information regarding the event and educational materials.

Additional data is included in Attachment A – Summary of Outreach Activities.

This permit requirement has been met.

B.3. Provide access to information about the City of Bellevue SWMP. On-Going All Years – Maintain current SWMP and MS4 annual reports on the Papillion Creek Watershed Partnership Website.

The current Stormwater Management Plan and the 2021 Annual Report can be found at www.papiopartnership.org. The 2022 report will be posted to the website in 2023.

This permit requirement has been met.

C. Illicit Discharge Detection and Elimination

C.1.a. Maintain a compliance plan or mechanism to follow up on illicit discharges. On-Going All Years – Maintain the compliance procedures per the permit requirements.

The City of Omaha's compliance plan is titled the Omaha Environmental Enforcement Manual. This manual describes the City's enforcement goals, process and mechanisms, program priorities, enforcement mechanisms and civil penalty policy. The PCWP utilizes this plan to maintain compliance.

This permit requirement has been met.

C.1.b. Maintain a map showing all known MS4 outfalls and the location of all state-designated waters receiving direct discharges from MS4 outfalls. On-Going All Years – Maintain a continually updated storm sewer system map per the permit requirements.

Each community in the PCWP sends information to the Douglas or Sarpy County GIS departments where the outfall maps are maintained. The websites for Douglas and Sarpy Counties are <https://www.dogis.org> and <https://maps.sarpy.com/html5viewer/index.html?Viewer=SIMS> respectively.

Outfall maps have been updated in 2021 to reflect updated GIS data. These maps can be found in Attachment N.

This permit requirement has been met.

C.1.c. Conduct field screening activities per the permit requirements specifically geared to local TMDL pollutants of concern such as E. Coli. Other parameters will be determined based on the results of a PCE, but could include nutrients, ammonia, BOD, and TPH. On-Going All Years – Annually conduct dry weather monitoring priority outfalls (those that are 72” or greater and/or those with documented illicit discharges within the previous 3 years).

Dry weather discharges identified, as the outfalls are inspected will be investigated with respect to the source of the discharge. The Physical Characteristics Examination (PCE) will be completed as part of the inspection process and, if there is reason to believe that the discharge is allowable under the stormwater ordinance/regulation, the investigation will be terminated. If the PCE indicates that there may be an illicit connection, a more comprehensive investigation will be undertaken that may involve sampling the discharge, tracing the line upstream to identify potential sources, and questioning potential dischargers. If a potential source is identified, information will be provided regarding the impact to human health and the environment to resolve the problem.

In 2021, the City of Bellevue developed Illicit Discharge Detection and Elimination (IDDE) Standard Operating Procedures (SOPs) which outline steps to be taken upon discovery of a likely illicit discharge and will be used in order to document the occurrence, sample the discharge, identify the likely source and eliminate it. The IDEE SOP document is located in Attachment I. Outfall inspection will begin in 2023. No illicit discharge complaints or indicators were received in 2022.

This permit requirement has been met.

C.1.d. Implement procedures to investigate and trace sources of identified illicit discharges to the MS4. On-Going All Years – Document investigations, including date observed, result of investigations, and date closed.

The City of Bellevue developed the IDEE SOPs in 2021 to outline steps to be taken upon discovery of a likely illicit discharge. When complaints are received, they will be addressed by the City of Bellevue Public Works Department in a timely manner.

C.1.e. Implement the procedures to remove illicit discharges to the MS4. Document all interactions with potentially responsible parties. On-Going All Years – Use the code enforcement procedures to eliminate unauthorized non-stormwater discharges identified during an investigation.

There were no confirmed illicit discharges to the MS4 found or reported in the City of Bellevue in 2022. The City of Bellevue developed the Illicit Discharge Detection and Elimination (IDDE) Standard Operating Procedures (SOPs) which outline steps to be taken upon discovery of a likely illicit discharge and will be used in order to document the occurrence, sample the discharge, identify the likely source and eliminate it.

This permit requirement has been met.

C.1.f. Identify and address allowable non-stormwater discharges determined to be significant contributors to pollutants. Identify an additional non-stormwater discharges that will not be addressed as illicit discharges. On-Going All Years – Report on any local controls or conditions placed upon exempt non-stormwater discharges and additional identified exempted non-stormwater discharges.

There were no known dry weather discharges found or reported in the City of Bellevue during 2022.

C. 2 & 3. Coordinate with adjacent permitted MS4s to report illicit discharges to the appropriate authority having jurisdiction and respond to reports from other MS4s. Year 1 – Develop procedures for coordination with adjacent permitted MS4s. On-Going All Years – Include in the annual report any known illicit discharge reports to and from adjacent MS4s.

The Omaha Stormwater Program operates a hotline, 402-444-3908, and a reporting form at [OmahaStormwater.org](https://www.omahastormwater.org) to receive complaints from the public regarding stormwater issues. These options for reporting complaints and illicit discharges are promoted through the Papillion Creek Watershed. Complaints received by the Omaha Stormwater Program located in adjacent MS4s are forwarded immediately to them for investigating. Complaints received by adjacent MS4s that are in the City of Omaha limits or its Extra Territorial Jurisdiction (ETJ), are immediately forwarded over. A Memorandum of Understanding (MOU) has been developed to

address illicit discharges that occur in extra-territorial jurisdiction areas or that impact more than one jurisdiction.

No complaints from adjacent MS4s nor from the Omaha Stormwater Program were received regarding an illicit discharge. The City is developing a tracking process for documenting investigations.

This permit requirement has been met.

C.4. Maintain written procedures for the IDDE component of the MS4 permit. On-Going All Years – Make available upon request the standard operating procedures developed under this program component.

Upon request City of Bellevue will provide a copy of the standard operating procedures developed under this program component.

This permit requirement has been met.

C.5. Receive reports and complaints, internally and from the public, of illicit discharges and illegal dumping into the MS4. Respond to and investigate complaints about spills, dumping, or disposal of materials other than stormwater to the MS4. On-Going All Years – Coordinated with others to resolve complaints. Develop a system to generate reports and track the number of calls per year in regard to spills, dumping, or improper disposal of material to the MS4. Include a count of complaints received and investigation completed in the annual report.

The City of Omaha continues to maintain a phone line, 402-444-3908, for handling stormwater calls. Clerks are available during regular business hours to handle calls for the City and the PCWP member entities. The clerks answering the hotline are required to complete a form when answering the calls so that all the required information is collected. The form is tied to a database that stores all calls received and provide a mechanism for tracking calls. A representative from the City of Omaha will use the information stored in the database to direct the call to the appropriate PCWP representative or their designee.

There were a total of zero (0) complaints received via the Papiio Partnership website (www.papiopartnership.org) or the hotline in 2022 for our jurisdiction. Public complaints on sediment and erosion control can be logged into the erosion website (www.OmahaStormwater.org).

This permit requirement has been met.

C.6. Develop, implement and maintain a training program for municipal field staff with respect to IDDE. Year 1 – Develop a strategy which identifies field staff and appropriate levels of training. Years 2-5 – Provide a count of employees which have received training in the annual report.

A strategy for training municipal field staff has been developed and is included in the Illicit Discharge Detection and Elimination (IDEE) Standard Operating Procedures (SOPs). A copy of the strategy is included in Attachment I. Eight municipal employees participated in the annual MS4 Storm Water Management training held on May 10th, 2022.

This permit requirement has been met.

D. Construction Site Runoff Control

D.1. Maintain the established program requiring operators of public or private construction activities to comply with local erosion and sediment control requirements. On-Going All Years – Include any updates to code or permit requirements in the annual report.

The City of Omaha's Environmental Quality Control Division (EQCD) continued to implement the Grading Permit Program for the PCWP in 2022. The Grading Permit Terms and Conditions were updated, effective November 14, 2022. A summary of the changes is in Attachment C.

Additionally, communities in Sarpy County have experienced urban growth in areas outside the Papillion Creek Watershed. As these areas are outside of what EQCD manage through the Papillion Creek Watershed Partnership agreement, the Southern Sarpy Watershed Partnership (SSWP) was formed in 2016. In 2022, the SSWP contracted for inspections in Southern Sarpy County to maintain the established program.

This permit requirement has been met.

D.2. Maintain a compliance plan or mechanism to follow up on construction site non-compliance. On-Going All Years – Maintain the compliance procedures per the permit requirements.

The City of Omaha's compliance plan is titled the Omaha Environmental Enforcement Manual. This manual describes the City's enforcement goals, process and mechanisms, program priorities, enforcement mechanisms and civil penalty policy. No updates were made in 2022. The PCWP uses this plan to maintain compliance.

This permit requirement has been met.

D.3. Review grading permit applications and maintain a continually updated inventory of all private and public construction sites. On-Going All Years – Include in the annual report the number and type of grading permits reviewed.

In 2022, there were 66 Phase I grading permits and 105 Phase 2 grading permits issued in the PCWP and SSWP communities. A breakdown of grading permits by community is shown in Attachment D.

This permit requirement has been met.

D.4. Maintain the electronic records for inspection of construction sites and enforcement of erosion and sediment control measures. Year 1 – Develop a strategy for site inspections by municipal staff and include in the annual report. On-Going All Years – Inspect construction sites on a regular basis and on a complaint basis. Track the number of sites inspected annually in a database. Initiate enforcement proceedings as appropriate to address violations. Include a summary of inspections completed and enforcement actions taken in the annual report.

The City of Omaha Stormwater Program developed a strategy for site inspections by municipal staff. EQCD administers the inspection program for Erosion Control, both within the City of Omaha’s jurisdiction as well as the Papillion Creek Watershed Partnership’s (PCWP) individual member’s jurisdiction. The City’s Grading Permit Program requires that the owners of active sites assign a Project Inspector to do inspections weekly for Stage 1 sites, every other week and within 24 hours of a storm event of at least 0.25 inches for Stage 2 sites, monthly and within 24 hours of a storm event of at least 0.25 inches for Stage 3 sites and Winter Stage sites. In the 2022 calendar year, reports were submitted to Permixon by City Inspectors and Project Inspectors for construction sites as per the NPDES Stormwater Discharges from Construction Sites General Permit.

Violations processed in 2022 are referenced in Attachment E as well as a breakdown of permits and inspection reports by community. The table below summarizes PCWP and SSWP construction inspections for 2022.

	City Inspection Reports	Private Inspection Reports
Phase I Sites (>5 acres)	1,611	13,986
Phase II Sites (<5 acres)	835	6,713
Total	2,446	20,699

Project Name	Illicit Discharge	Complaint Type	Enforcement Action Taken
Lakewood West (SID #365)	No	Sediment & Erosion Control	Request Voluntary Compliance
Lakewood West (SID #365)	No	Sediment & Erosion Control	Request Voluntary Compliance
Lakewood West (SID #365)	No	Dust Control	Request Voluntary Compliance

Additional violation information is included for areas in Southern Sarpy County in Attachment F.

The City reviews and takes under advisement the enforcement action recommendation reports provided during the year. No enforcement actions were taken based on JEO's recommendations for the South Sarpy Watershed SIDs.

This permit requirement has been met.

D.5. Provide training for municipal staff with respect to their assigned duties as it relates to sediment and erosion control from construction activity. One formal training course for inspection staff during their employment with the City and internal training on an as needed basis to maintain consistent reporting among all inspectors. On-Going All Years – Include in the annual report the number of staff and their sediment and erosion control training completed.

Through the PCWP Interlocal Agreement, the City of Omaha provides construction site inspection services for all grading permits. City of Omaha Environmental Inspectors who conduct inspections for sediment and erosion control must enroll and pass the Local Technical Assistance Program's (LTAP) Erosion and Sediment Control for Installers and Inspectors. The training is a full-day course and includes a test at the end that if passed, the inspector becomes certified. This certification is valid for 5 years. When the certification expires, inspectors enroll for an online course to renew their certification. There are 15 certified inspectors in the City of Omaha's Environmental Quality Control Division (EQCD). A summary of active City inspectors is provided in the table below.

First Name	Last Name	Certification ID#	Recertification Date
Christopher	Anderson	2101	9/6/2027
Heaven	Davis	3386	11/23/2027
Mark	Ermeling	1979	6/26/2026
Neil	Graybill	1333	2/1/2027
Eric	Grimshaw	1261	1/12/2027
Michael	Halbert	3266	7/14/2026
Jeremiah	Kobes	3385	10/24/2027
Shane	Lett	3264	6/15/2026
Charla	Long (Shurter)	1666	9/24/2024
David	Nusser	924	6/9/2026
Matthew	Nusser	1986	2/2/2027
Jennifer	Proescholdt	1987	4/28/2026
Jeffrey	Ryba	1353	9/13/2021
Carol	Sorensen	171	9/24/2024
Vern	Van Vleet	3393	12/7/2027

In 2022, EQCD continued to incorporate sediment and erosion control training into the regular monthly safety toolbox meetings. Topics that are covered include review of inspection processes, enforcements, and open discussion to discuss current issues among staff. A summary of 2022 sediment and erosion control training is provided in the table below.

Date	Title	Attendees
2/8/2022	NDEE Construction Stormwater Permit Training	3
2/23/2022	EI Training & Safety Toolbox	9
3/22/2022	EI Training & Safety Toolbox	17
5/3/2022	EI Training & Safety Toolbox	
5/24/2022	EI Training & Safety Toolbox	15
6/28/2022	EI Training & Safety Toolbox	13
7/14/2022	IDEXX Webinar	10
8/23/2022	EI Training & Safety Toolbox	18
9/27/2022	EI Training & Safety Toolbox	16
10/25/2022	EI Training & Safety Toolbox	14
12/9/2022	FRCP Training-EQC (Jeremy Bridges)	18
12/15/2022	FRCP Training-MoRiver (Jeff Saltzman)	25
12/16/2022	FRCP Training-EQC (Don Hembry)	4

In addition to the EQCD inspectors, the SSWP uses a contractor to complete construction site inspections. The inspectors used in 2021 and their qualifications are included in Attachment F.

This permit requirement has been met.

D.6. Communicate with the regulated community and other groups affected by the Construction Site Runoff program and provide a mechanism to receive complaints from the public. On-Going All Years – Conduct workshops for developers, builders, site designers, contractors, and municipal staff as determined necessary. Track reports from the public regarding construction sites. Include the number of reports received in the annual report and the permittee’s response.

A Sediment and Erosion Control seminar was held on 2/10/2022 with 424 attendees in-person and virtually. This annual seminar is intended to educate the regulated community. The seminar is hosted by the City of Omaha, P-MRNRD, Douglas County, and the PCWP. The seminar provided engineers, developers, and construction companies information on NPDES Phase II regulations, the PCWP’s grading permit program and sediment and erosion control BMPs.

The City of Omaha also holds multiple outreach events with the regulated community, including the events listed in the table below. Outreach materials are handed out at these events and participants are encouraged to visit OmahaStormwater.org for additional information and resources. Phone calls, emails, and many other types of communications happen as part of

regular job duties where City staff provide information and resources to support sediment and erosion control efforts in the community. See Attachment A for a full list of outreach events.

Date	Event Name	# of Attendees	Location	Details/Comments
2/3/2022	UNO Green Infrastructure Class	12	UNO Alwine Hall	Presentation about the City of Omaha Stormwater & CSO Programs & green infrastructure overall
2/10/2022	SEC Seminar	424	Scott Conference Center	Annual Sediment & Erosion Control Seminar; 210 in-person, 214 virtual
2/23/2022	Olsson stormwater compliance retreat presentation	8	Olsson Lincoln Office	
3/2/2022	UNL Urban Soils class lecture	12	Virtual to UNL Kiem Hall	Presentation on stormwater management, green infrastructure, & relationship with urban soils
3/22/2022	UNO Green Infrastructure Class	10	UNO Alwine Hall	Presentation about permeable pavement
4/21/2022	Kennedy Elementary 4-5th Grade "Keep it Clean" presentation	60		
4/21/2022	UNO Green Infrastructure Class	5	UNO Alwine Hall	Presentation about GI maintenance
5/23/2022	Karen Western Elementary	110	Karen Western Elementary	Watershed model activity shared with students; talk about science careers to 3rd - 5th graders
6/22/2022	Fontenelle School CSO Outreach Event	45	Fontenelle Park Pavillion	The Fontenelle summer program is having an event about stormwater and CSO. Grades 3rd, 4th, and 5th. We are thinking to do 3 stations with 15 kids each for about 8 minutes.

Date	Event Name	# of Attendees	Location	Details/Comments
10/5/2022	Conservation NE Webinar - Home green infrastructure	23	Virtual	Andy Szatko presented on stormwater management at home using green infrastructure
10/19/2022	Central High Engineering Club	22	Central High School	Chris Anderson presented on the value and variety of stormwater control measures

See BMP 4 in this section for information regarding construction site complaints in 2022.

This permit requirement has been met.

E. Post-Construction Runoff Control

E.1. Continue to implement the Post Construction Program as stipulated in municipal code. Periodically update guidance material and develop divergent standards for difficult sites such as linear projects. Update as needed the Omaha Regional Stormwater Design Manual (ORSDM). Year 1 – Develop divergent standards for guidance document and update guidance as needed. Submit standards with the annual report. On-Going All Years – Revise as necessary. Include a summary of revisions in the annual report.

The City of Omaha’s guidance document for post-construction is titled *City of Omaha Post Construction Stormwater Management Planning Guidance* and was developed in July 2009 and updated in August 2015. This document is used by all PCWP communities. In 2019, the document was reviewed by the Omaha Post-Construction Engineer Reviewer as well as Reviewers in the Papillion Creek Watershed Partnership jurisdictions and the design community to solicit feedback on the document. Updates incorporated into the document as a result of this review includes the following:

- Example of a good drainage study report
- Certificate of Occupancy hold letter
- Post-Construction BMP inspection forms
- Updated text to clarify “no adverse impact”

The document is available on the City’s website OmahaStormwater.org and OmahaPermix.com. No divergent standards were developed. No changes were made to the manual in 2022.

This permit requirement has been met.

E.2. Review and update, if needed, the standards outlined in the municipal code and ORSDM for consistency with required performance standards as they relate to post-construction stormwater management plans. On-Going All Years – Report on any updates to the municipal code or ORSDM.

No updates were made to municipal code or ORSDM in 2022.

This permit requirement has been met.

E.3. Maintain an online submittal and review process for site plans, easement and maintenance agreements, as built drawings, deed recordings, and drainage studies. On-Going All Years – Report number of PCSMP projects and the status of their progress in the annual report.

The Permixon software is used for post construction stormwater plan submittals and review. Documents that are included in the PCSMP include a drainage study, proposed plan sheets, applicant certification, maintenance agreement, as-built drawings, BMP certification statement, certification cover sheet, and a certificate of occupancy letter (as-needed). Upon physical completion of the post-construction BMP(s), the PCSMP is recorded with the property deed to ensure long term compliance.

See Attachment G for a summary of PCSMP projects and their status.

This permit requirement has been met.

E.4. Develop SOPs for responding to complaints regarding Post Construction BMPs and a strategy for verifying BMPs are being installed & maintained in perpetuity. Year 1 – Submit SOPs with the annual report. On-Going All Years – Report on any complaints and/or BMPs which have been certified as complete.

City of Bellevue has developed a protocol for responding to complaints regarding Post Construction BMPs.

A summary of BMPs that have been certified as complete is included in Attachment H.

This permit requirement has been met.

E.5. Maintain a database that stores information on approved PCSMPs. On-Going All Years – Provide an inventory of certified stormwater control measures installed as part of the PCSMP requirements. Include a count of BMP types as well as any known changes to BMPs in the annual report.

The Permixon software used for post-construction stormwater plan submittal creates a database of BMPs installed as part of the PCSMP requirements. A summary of BMPs installed in 2021 is included in Attachment H.

This permit requirement has been met.

E.6. Inspect sites that are certified by the engineer of record and all sites identified as deficient on a complaint basis. Develop a protocol to bring sites into compliance. Year 1 – Develop protocol for compliance assistance and inspection strategy. On-Going All Years – Document and maintain inspection records of the certified PCSMP projects as identified in the strategy developed. Document any enforcement actions taken. Summarize activities in annual report.

A protocol for inspection of BMPs that are certified by the engineer of record and compliance assistance has been developed and is included in Attachment J. There were no compliance inspections completed in 2022 as inspections are initiated only on a complaint basis.

This permit requirement has been met.

F. Pollution Prevention/Good Housekeeping for Municipal Operations

F.1. Maintain an inventory and map of municipal facilities. Review annually and update if needed. On-Going All Years – Maintain an inventory and map of all municipal facilities.

The City of Bellevue maintains an inventory and map of all facilities. This map is kept in the Public Works Department. A copy of this map can be found in Attachment K.

This permit requirement has been met.

F.2. Conduct assessments of municipal maintenance facilities and review their municipal; runoff control plans as applicable. Revise plans as needed if facilities expand or reduce activities and implement recommendations based on annual inspections. Year 1 – Develop a strategy to assess municipal facilities and prioritize them based upon a defined set of criteria, include strategy in the annual report. Years 2-5 – Track the number of assessments for municipal facilities based upon the strategy developed in year 1. Include the number of assessments completed, a description of the assessment procedure and any changes in facilities ranking in the annual report.

The City of Bellevue has developed a strategy to assess municipal facilities. In Permit Year 4 (June 2021-June 2022) ten assessments were completed. Hotspot Investigation Forms for each of the ten assessments are found in Attachment L. These forms were used to rank the facilities as a hotspot, potential hotspot, or not a hotspot. Three facilities were deemed hotspots, six as potential hotspots, and one as not a hotspot.

This permit requirement has been met.

F.3. Continue to implement Good Housekeeping Program for municipal facilities that addresses “high priority” facilities and site-specific SOPs. On-Going All Years – Annually report new, removed, or significantly updated municipal facilities.

The City of Bellevue has developed Good Housekeeping protocols for all necessary municipal facilities. One facility, Sun Valley Pool, located at 5351 Arrow Rock Drive, has been taken out of commission and will remain out of commission for the duration of the permit year.

This permit requirement has been met.

F.4. Implement practices for maintaining the storm sewer system that includes catch basin maintenance, open channels and other drainage structures, street sweeping, and structural stormwater controls. All maintenance procedures are to be performed such that wastewater and waste materials do not enter the MS4. Year 1 – Provide a description of the maintenance programs in the annual report. On-Going All Years – Annually report on Sewer Maintenance activities related to maintain the storm sewer system and changes to any of the maintenance practices.

The City of Bellevue regularly performs inspection and maintenance on the storm sewer system and is currently developing a process for documenting storm sewer system inspection and maintenance activities performed. Currently, street sweeping activities are documented daily as they occur.

Miles of Street Cleaned in 2022 (approx.)	2022 Expenditure	2023 Budget (Proposed)
1448.4	\$49,890.69	\$55,000

This permit requirement has been met.

F.5. Provide training for municipal employees in pollution prevention and good housekeeping. Year 1 – Develop a strategy for municipal employee training in pollution prevention and good housekeeping, include strategy in annual report. On-Going All Years – Conduct training events for municipal staff. Include number of employees trained, based on strategy developed in year 1, in annual report.

During Permit Year 4 (June 2021-June 2022) The City of Bellevue completed the following training activities per the training strategy:

In 2022, the Public Works Engineer and the Manager of Engineer Services attended the Omaha Sediment and Erosion Control Seminar. Additionally, eight municipal employees participated in the annual MS4 Storm Water Management training, which discusses pollution prevention and good housekeeping practices. Recommended regular trainings, which cover Implementation of Facility Runoff Control Plans, Illicit Discharge Detection and Elimination, and Erosion and Sediment Control trainings are covered in the FRCP in Attachment M. The training strategy for

Good Housekeeping and Pollution Prevention is covered in the FRCP as well. These training opportunities will continue to be available to the municipal staff.

This permit requirement has been met.

F.6. Provide educational material to contractors hired to perform maintenance activities on the MS4. Year 1 – Develop materials to provide to contractors and include in the annual report. Years 2-5 – Include in the annual report any new materials or updates to existing materials.

Evaluation documents for Facility Runoff Control Plans (FRCP) have been developed and templates shared with the members of the PCWP. These templates include a photo checklist, site questionnaire, facility profile sheet, hot spot checklist, photo log and a facility recommended BMP checklist. FRCPs are developed for each facility in the PCWP communities.

In 2022, the City of Bellevue developed three Facility Runoff Control Plans (FRCP) for the three facilities deemed hotspots during facility investigations, which are included in Attachment M.

This permit requirement has been met.

5. Fiscal Expenditures

Operation & Maintenance	2022 Expenditures
Sediment/Erosion Control Program	\$ -
Material Disposal	\$ -
Creek/Open Channel Maintenance	\$ -
Street Sweeping	\$ 49,890.69
Street/Right-of-Way Cleaning	\$ -
Unimproved Street Maintenance	\$ -
Public Education/Outreach	\$ -
MS4 Planning	\$ 16,920.00
Bridge Maintenance and Rehab	\$ -
Storm Sewer Maintenance and Repair	\$ 81,580.00
Annual O&M Total:	\$ 148,390.69

6. Changes in MS4 Area

There were no changes in the MS4 area limits in 2022.

List of Attachments

Attachment A. Summary of Outreach Activities

Attachment B. Inventory of Outreach Materials

Attachment C. Summary of Changes to Grading Permit Terms and Conditions

Attachment D. Grading Permit Summary Report

Attachment E. Grading Permit Enforcement Summary

Attachment F. SSWP Contractor Report

Attachment G. PCSMP Summary Report

Attachment H. PCSMP List of Certified BMPs

Attachment I. Illicit Discharge Detection and Elimination (IDDE) Standard Operating Procedures (SOPs)

Attachment J. Post-Construction Certification, Maintenance & Inspection Strategies

Attachment K. Facility Map

Attachment L. Hotspot Investigation Forms

Attachment M. Facility Runoff Control Plans (FRCPs)

Attachment N. Outfall Maps

Attachment A

Attachment A
Omaha Stormwater Activities

Date	Event Name	Activity Type	# of Attendees	# of Events or Presentations	Location:	Target Audience	Target Audience	Target Audience	Specific Audience	Details/Comments
10/19/2022	IECA Great Rivers Chapter presentation	Conference Presentation	50		Scott Conference Center	Construction	Commercial		Regulated Community	Andy Szatko presented on construction stormwater, post-construction, stream & stormwater issues
1/5/2022	SEC Flipbook Distribution	Distribution			Coventry project site	Construction			Contractors	Mark Ermeling distributing during his site inspection - Kildow Construction (BMP maintenance contractor)
1/13/2022	Stormwater Brochure Distribution	Distribution			Sterling Ridge project site	Construction			Contractors	Mark Ermeling distributing during his inspections - Schroder Concrete
1/19/2022	SEC Flipbook Distribution	Distribution			Union Bank & Trust project site	Construction			Contractors	Mark Ermeling distributing during his inspections - Sampson Construction foreman
3/8/2022	SEC Flipbook Distribution	Distribution			Charleston Homes office	Construction	Commercial		Contractors	Mark Ermeling distributed to production manager, Jeff, for distribution to his superintendents
3/23/2022	SEC Flipbook Distribution	Distribution			Coventry Strip Mall site	Construction			Contractors	Mark Ermeling distributing during his inspections - Ronco Foreman, for distribution to other Ronco foremen
3/29/2022	SEC Flipbook Distribution	Distribution			Runza - 144th & Ida site	Construction			Contractors	Mark Ermeling distributing during his inspections - SK Foreman
4/12/2022	SEC Flipbook Distribution	Distribution			Sunset Meadows	Construction			Contractors	Mark Ermeling distributing during his inspections - Ruff Grading foreman
4/13/2022	Sustainable Landscapes Distribution	Distribution			934 Fawn Parkway (NW 120th & Pacific)	Residential			Homeowners	Andy Szatko distributing Sustainable Landscapes manuals Bridget Rapoza to distribute to surrounding friends, neighborhood org
4/26/2022	SEC Flipbook Distribution	Distribution			Flanagan Pointe site	Construction			Contractors	Mark Ermeling distributed during his site inspections - Eischeid Construction
4/26/2022	SEC Flipbook Distribution	Distribution			Hunzeger project site	Construction			Contractors	Mark Ermeling distributed during his site inspections - LRA Construction Observer
5/4/2022	K-9 Unit Poop Bag Dispenser Distribution	Distribution			OPD K-9 unit				Entities	Provided dispensers and information to the K-9 unit officers
5/10/2022	SEC Flipbook Distribution	Distribution			Rows of Coventry project site	Construction			Contractors	Mark Ermeling distributed during his site inspections - Superintendent
5/10/2022	SEC Flipbook Distribution	Distribution			Candlewood project site	Construction			Contractors	Mark Ermeling distributed during his site inspections - Commercial Seeding Foreman
5/24/2022	SEC Flipbook Distribution	Distribution			Hunzeker Project	Construction	Commercial		Contractors	Mark Ermeling distributed to valley corp. foreman installing sewer pipe at site.
5/31/2022	SEC Flipbook Distribution	Distribution			Sugar Creek Project	Construction	Residential		Contractors	Mark Ermeling distributed to foot forman at site.
5/31/2022	SEC Flipbook Distribution	Distribution			Sunset Meadows Project	Construction	Residential		Contractors	Mark Ermeling distributed to TD2 construction observer at site.
6/15/2022	SEC Flipbook Distribution	Distribution			Coventry Project	Construction			Entities	Mark Ermeling distributed to Todd Chase, an electrical inspector, with the planning dept. on site.
6/28/2022	SEC Flipbook Distribution	Distribution			Candlewood project site	Construction			Contractors	Mark Ermeling distributed to EZ Enterprises, the grading contractor on site.
7/14/2022	SEC Flipbook Distribution	Distribution			Astro Theater Project Site	Construction			Contractors	Mark Ermeling distributed to JE Dunn Foreman at site.
7/14/2022	SEC Flipbook Distribution	Distribution			Coventry Project	Construction			Contractors	Mark Ermeling distributed to foreman at Heartland Dental (new site in coventry subdivision)
7/14/2022	SEC Flipbook Distribution	Distribution			Nebraska Medicine Village Point	Construction			Contractors	Mark Ermeling distributed to site engineer.
8/8/2022	SEC Flipbook Distribution	Distribution			Coventry Project	Construction			Contractors	Mark Ermeling distributed to DARland superintendent
8/19/2022	SEC Flipbook Distribution	Distribution			Graham Construction	Construction	Construction		Contractors	Mark Ermeling distributed to pipe foreman of Graham Construction
9/13/2022	SEC Flipbook Distribution	Distribution			Iron Bluff Project	Construction			Contractors	Mark Ermeling distributed to Ruff Grading contractor
9/13/2022	SEC Flipbook Distribution	Distribution			Kensington Park Project	Construction			Contractors	Mark Ermeling distributed to Torcho foreman
9/15/2022	SEC Flipbook Distribution	Distribution			Hunzeger project site	Construction			Contractors	Mark Ermeling distributed to paving foreman with TAB
9/20/2022	SEC Flipbook Distribution	Distribution			NE Multi sport complex site	Construction			Contractors	Mark Ermeling distributes to JE Dun Superintendent
9/20/2022	SEC Flipbook Distribution	Distribution			Costco parking lot expansion site	Construction			Contractors	Mark Ermeling distributes to construction superintendent
10/12/2022	SEC Flipbook Distribution	Distribution			Flanagan Pointe erosion site	Construction			Contractors	Mark Ermeling distributes to the Roll Construction foreman
10/12/2022	SEC Flipbook Distribution	Distribution			Flanagan Grading Permit	Construction			Contractors	Mark Ermeling distributed 4 Flipbooks to Roll Construction
10/26/2022	SEC Flipbook Distribution	Distribution			OPS High School 156th & Ida	Construction			Contractors	Mark Ermeling distributed 2 flipbooks to SMI Inc. (Masonry Contractor)
11/30/2022	SEC Flipbook Distribution	Distribution			Coventry site	Construction			Contractors	Mark Ermeling distributed 2 flip books to the the RPL Utilities forman that was working near his Coventry site.
12/14/2022	SEC Flipbook Distribution	Distribution			Hunzenger Site	Construction			Contractors	Mark Ermeling gave 2 of our flip books to the Cedar construction foreman doing water line work on his Hunzenger site.
2/13/2022	Home Show	Education Booth	N/A		CHI Center	Residential	Commercial	Construction	General Public	Education brochures, manuals, Bioretention manuals: Bil-Mar Lawn & Landscape, Colorburst Landscape & Design, Garret's Lawn Service, Ground
4/23/2022	Earth Day	Education Booth	N/A		Elmwood Park	Residential			General Public	
4/26/2022	Arbor Day Festival	Education Booth	508		Laurizen Gardens	Residential	Commercial		Students	River maze of pollution
4/29/2022	Kennedy STEAM Night	Education Booth	225		Kennedy Elementary	Residential			Students	Watershed model activity shared with students and families
5/3/22-5/4/22	City of Omaha Career Fair	Education Booth	300		Public Safety Training Center	Residential			General Public	EQC booth at career fair - provided stormwater pollution prevention and sustainable landscaping information to attendees
6/4/2022	SAFE Event	Education Booth	500		Turner Park	Residential			General Public	Stormwater model and handed out brochures
9/10/2022	World O! Water	Education Booth	280		Chalco Hills Recreation Area	Residential				
9/13/2022	Goldenrod Festival	Education Booth	502		Lauritzen Gardens	Residential			Students	We had a booth with stormwater education and stormwater obstacle course
9/24/22 - 9/25/22	Home Show	Education Booth	N/A		Baxter Arena	Residential				Table at the home show
9/25/2022	Walk for the Animals	Education Booth	750		Nebraska Humane Society	Residential				Table at the Walk for the Animals
11/16/2022	Kennedy Steam Night	Education Booth	150		Kennedy Elementary	Residential			Students	Table with stormwater model
12/3/2022	Omaha Urban Soil Health Expo	Education Booth	100		Swanson Conference Center	Residential				Table at the Soil Health Expo
12/7/2022	Choose Your Pathway Fair-Westview	Education Booth	450		Westview Highschool	Residential				Table at the Choose Your Pathway Fair describing careers in stormwater and EQC overall
1/13/2022	Steve With TD2	Meeting	1		The Hill Grading				Regulated Community	
2/3/2022	UNO Green Infrastructure Class	Presentation/Demonstration	12	1	UNO Alwine Hall	Commercial	Residential		Students	Presentation about the City of Omaha Stormwater & CSO Programs & green infrastructure overall
2/10/2022	SEC Seminar	Presentation/Demonstration	424		Scott Conference Center	Commercial	Construction	Industrial	Regulated Community	Annual Sediment & Erosion Control Seminar; 210 in-person, 214 virtual
2/23/2022	Olsson stormwater compliance retreat presentation	Presentation/Demonstration	8	1	Olsson Lincoln Office	Commercial	Construction		Industry Professionals	
3/2/2022	UNL Urban Soils class lecture	Presentation/Demonstration	12	1	Virtual to UNL Kiem Hall	Commercial	Residential		Students	Presentation on stormwater management, green infrastructure, & relationship with urban soils
3/22/2022	UNO Green Infrastructure Class	Presentation/Demonstration	10	1	UNO Alwine Hall	Residential	Commercial		Students	Presentation about permeable pavement
4/21/2022	Kennedy Elementary 4-5th Grade "Keep it Clean" presentation	Presentation/Demonstration	60	1		Residential	Commercial		Students	
4/21/2022	UNO Green Infrastructure Class	Presentation/Demonstration	5	1	UNO Alwine Hall	Residential	Commercial		Students	Presentation about GI maintenance
5/23/2022	Karen Western Elementary	Presentation/Demonstration	110		Karen Western Elementary	Residential			Students	Watershed model activity shared with students; talk about science careers to 3rd - 5th graders
6/22/2022	Fontenelle School CSO Outreach Event	Presentation/Demonstration	45		Fontenelle Park Pavillion	Residential			Students	The Fontenelle summer program is having an event about stormwater and CSO. Grades 3rd, 4th, and 5th. We are thinking to do 3 stations with 15 kids each for about 8 minutes.
10/5/2022	Conservation NE Webinar - Home green infrastructure	Presentation/Demonstration	23		Virtual	Residential			Homeowners	Andy Szatko presented on stormwater management at home using green infrastructure
10/19/2022	Central High Engineering Club	Presentation/Demonstration	22		Central High School				Students	Chris Anderson presented on the value and variety of stormwater control measures

DISTRIBUTION	
City Materials	4,208
City Website	890
KOB Materials	1,439
Total Distribution	6,537

ATTENDANCE		
Total Attendees OSW	4,097	Presentations/Events
In-Person Attendees KOB	8,845	161
Under the Sink tours		8
Total Attendance	12,942	169

KOB - Student Outreach	9,145
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Attachment A
Website Statistics

Omaha Stormwater Website

2022 Month	Users	Page Views	Sessions
January	615	1,353	818
February	632	1,318	825
March	692	1,581	930
April	796	1,615	1,058
May	669	1,327	856
June	654	1,333	850
July	682	1,345	832
August	731	1,570	964
September	699	1,399	898
October	648	1,353	824
November	438	1,034	614
December	641	1,273	799
Totals	7,897	16,501	10,268

Omaha Plants Website

2022 Month	Users	Page Views	Sessions
January	88	181	101
February	130	435	154
March	134	278	140
April	143	306	158
May	157	464	192
June	144	254	148
July	74	135	89
August	115	338	130
September	131	194	138
October	125	232	139
November	105	113	106
December	108	142	116
Totals	1,454	3,072	1,611

World O! Water Website

2022 Month	Users	Page Views	Sessions
January	87	174	87
February	80	148	80
March	102	220	106
April	136	294	140
May	109	236	113
June	134	286	136
July	120	342	132
August	640	2719	760
September	530	2494	642
October	106	230	109
November	106	197	106
December	82	159	85
Totals	2,232	7,499	2,496

Stormwater Facebook Page

2022 Month	Total Reach
January	758
February	1,410
March	636
April	1,653
May	871
June	1,242
July	1,505
August	1,277
September	1,148
October	628
November	842
December	389
Totals	12,359

Total Reach 2015	Total Reach 2016	Total Reach 2017	Total Reach 2018	Total Reach 2019	Total Reach 2020	Total Reach 2021	Total Reach 2022
25	55,109	269	2,723	292	54	1,027	758
314	99,574	621	1,055	223	165	288	1,410
126	11,601	5,548	885	938	529	362	636
2,375	4,945	4,857	2,914	673	4,411	10,932	1,653
104	1,916	2,916	748	39	500	707	871
337	5,057	2,787	4,357	39	314	259	1,242
1,787	756	12,851	754	4,068	696	295	1,505
1,163	1,709	2,636	1,421	345	169	200	1,277
1,709	4,900	2,265	745	61	1,384	498	1,148
471	2,559	5,967	362	1,482	1,001	942	628
997	492	3,368	551	347	1,134	558	842
2,557	791	1,851	33	40	38	765	389
11,965	189,409	45,936	16,548	8,547	10,395	16,833	12,359

2022 Website Summary

	Users	Page Views	Sessions
OmahaStormwater.org	7,020	16,501	10,268
WorldOWater.org	2,197	7,499	2,496
OmahaPlants.org	1,425	3,072	2,496
Totals	10,642	27,072	15,260

Date	Event Name (if applicable)	Activity Type	Location:	Primary/Key Topic	KOB Categories: School or Community	MS4 Target Audience Category	# of Separate Activities/Presentations	# of Youth Participants	# of Adult Participants	Student Reach (for teachers who complete KOB environmental education training workshops)	Stormwater-Related Brochure or Info	World O! Water Flier/Brochure	HHW/UTS Brochure	Litter Reduction or Recycling Related Brochure/Info
1/4/2022	Teacher Coaching - Curriculum Kit Checkout (OPS)	Non-KOB/Teacher-Led Program (Resource Kit)	Castelar Elementary (2316 S 18th St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	1	100	1					
1/5/2022	Teacher Coaching - Curriculum Kit Checkout (Perochial)	Non-KOB/Teacher-Led Program (Resource Kit)	St. John the Baptist School (500 South 18th Street, Plattsmouth, NE 68048)	Litter-Waste Reduction or Recycling	School	Community	1	13	1					
1/25/2022	Nature Education When it's Cold Outside (PLT)	Teacher Training Workshop (online)	Online - Kidsquad (4545 Dodge St, Omaha, NE 68132)	Litter-Waste Reduction or Recycling	School	Community	1	0	17	325				
1/26/2022	School Presentation (OPS)	School Program (onsite/in-person)	Castelar Elementary (2316 S 18th St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	2	40	3					
1/27/2022	School Presentation (OPS)	School Program (onsite/in-person)	Castelar Elementary (2316 S 18th St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	3	60	4					
1/27/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	1	17	1					
1/27/2022	Resource and Curriculum Kit Use (OPS)	Non-KOB/Teacher-Led Program (Resource Kit)	Castelar Elementary (2316 S 18th St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	2	16	2					
1/27/2022	Resource and Curriculum Kit Use (OPS)	Non-KOB/Teacher-Led Program (Resource Kit)	Castelar Elementary (2316 S 18th St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	2	14	2					
1/27/2022	Resource and Curriculum Kit Use (OPS)	Non-KOB/Teacher-Led Program (Resource Kit)	Castelar Elementary (2316 S 18th St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	4	100	5					
2/2/2022	Resource and Curriculum Kit Use (Perochial)	Non-KOB/Teacher-Led Program (Resource Kit)	St. John the Baptist (500 S. 18th Street, Plattsmouth, 68048)	Litter-Waste Reduction or Recycling	School	Community	3	13	1					
2/3/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	1	17	1					
2/10/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	1	17	1					
2/16/2022	Sustainable Steps for Little Learners: Growing Up Wild	Teacher Training Workshop (online)	Online - NE Extension as partner	Stormwater Pollution or Water Conservation	School	Community	2	0	82	1734				
2/17/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	1	17	1					
2/22/2022	College Level Service Learning Class	School Program (onsite/in-person)	University of Nebraska Omaha (6001 Dodge St, Omaha, NE 68182)	Stormwater Pollution or Water Conservation	School	Community	1	0	14		14		14	14
2/24/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	17	1					
2/24/2022	Mulhalls Employee Presentation	Presentation (in-person)	Mulhalls (3615 N 120th St, Omaha, NE 68164)	Litter-Waste Reduction or Recycling	Community	Community	1	0	15		10		15	15
3/1/2022	School Presentation (OPS)	School Program (onsite/in-person)	Northwest High School (8204 Crown Point Ave, Omaha, NE 68134)	Stormwater Pollution or Water Conservation	School	Community	1	8	1					
3/3/2022	Nature Play through the Seasons (GUW)	Teacher Training Workshop (online)	Online - ESU	Stormwater Pollution or Water Conservation	School	Community	1	0	28	910	8		8	8
3/10/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	17	1					
3/11/2022	Teacher Coaching - Curriculum Kit Checkout (Girls Inc)	Non-KOB/Teacher-Led Program (Resource Kit)	Girls Inc (2811 N 45th St, Omaha, NE 68104)	Litter-Waste Reduction or Recycling	School	Community	1	60	1					
3/14/2022	North Omaha Commercial Club Presentation	Presentation (in-person)	Mormon Trail Center (3215 State St, Omaha, NE 68112)	Stormwater Pollution or Water Conservation	Community	Community	1	0	25				15	15
3/21/2022	Teacher Coaching - Curriculum Kit Checkout (OPS Afterschool)	Non-KOB/Teacher-Led Program (Resource Kit)	Conestoga Elementary (2115 Burdette St, Omaha, NE 68110)	Litter-Waste Reduction or Recycling	School	Community	1	15	1					
3/21/2022	Pack 866 Scout Program (Scouts)	Presentation (in-person)	Swanson Elementary (410 S 86th St, Omaha, NE 68114)	Litter-Waste Reduction or Recycling	School	Community	1	27	29					
3/24/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	17	1					
3/31/2022	Teacher Coaching - Curriculum Kit Checkout (District 66 Preschool)	Non-KOB/Teacher-Led Program (Resource Kit)	Pacific Heights ECC (8787 Pacific St, Omaha, NE 68114)	Litter-Waste Reduction or Recycling	School	Community	1	17	1					
3/31/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	17	1					
4/4/2022	Teacher Coaching - Curriculum Kit Checkout (Perochial)	Non-KOB/Teacher-Led Program (Resource Kit)	St. Thomas Moore Preschool (3515 S 48th Ave, Omaha, NE 68106)	Litter-Waste Reduction or Recycling	School	Community	1	36	1					
4/7/2022	Teacher Coaching - Curriculum Kit Checkout (OPS Afterschool)	Non-KOB/Teacher-Led Program (Resource Kit)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	1	18	1					
4/7/2022	After School Programming (OPS)	School Program (onsite/in-person)	Spring Lake Elementary (4215 S 20th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	17	1					
4/12/2022	Mulhall's Cleanup and Education Activity	Presentation (in-person)	Crosskey Villages Park (120th and Blondo)	Litter-Waste Reduction or Recycling	Community	Community	1	3	18					
4/13/2022	Midlands	Non-KOB/Teacher-Led Program (Resource Kit)	Latino Center of the Midlands (4821 S 24th St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	1	30	1					
4/19/2022	School Presentation (OPS)	School Program (onsite/in-person)	Marrs Magnet Center (5619 S 19th St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	1	130	1					
4/19/2022	School Presentation (OPS)	School Program (onsite/in-person)	Pinewood Elementary (6717 N 63rd St, Omaha, NE 68152)	Litter-Waste Reduction or Recycling	School	Community	1	28	1					
4/21/2022	School Presentation (OPS)	School Program (onsite/in-person)	Pinewood Elementary (6717 N 63rd St, Omaha, NE 68152)	Stormwater Pollution or Water Conservation	School	Community	2	148	10					
4/23/2022	Earth Day Omaha	Education Booth	Elmwood Park (802 S 60th St, Omaha, NE 68106)	Litter-Waste Reduction or Recycling	Community	Community	0	200	296				50	150
4/26/2022	Arbor Day at Lauritzen Gardens	Education Booth	Lauritzen Gardens (100 Bancroft St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	0	747	81					25
4/26/2022	Teacher Coaching - Curriculum Kit Checkout (Perochial)	Non-KOB/Teacher-Led Program (Resource Kit)	St. Andrews Beginnings Preschool (15050 W Maple Rd, Omaha, NE 68116)	Litter-Waste Reduction or Recycling	School	Community	1	30	1					
4/30/2022	NE Sci-Fest	Education Booth	Durham Museum (801 S 10th St, Omaha, NE 68108)	Litter-Waste Reduction or Recycling	Community	Community	0	174	100				30	55
5/4/2022	School Presentation (OPS)	School Program (onsite/in-person)	Northwest High School (8204 Crown Point Ave, Omaha, NE 68134)	Stormwater Pollution or Water Conservation	School	Community	2	30	10					
5/5/2022	Boy Scouts Round Table	Education Booth	Westwood Church (13056 Atwood Ave, 68144)	Stormwater Pollution or Water Conservation	School	Community	0	4	28	7				96
5/6/2022	Inside Outside and Beyond Conference	Teacher Training Workshop (in-person)	ESU 3 (6949 S 110th St, La Vista, NE 68128)	Stormwater Pollution or Water Conservation	School	Community	2	0	12	1374			15	15
5/7/2022	Inside Outside and Beyond Conference	Teacher Training Workshop (in-person)	Gifford Farm (700 Camp Gifford Rd, Bellevue, NE 68005)	Stormwater Pollution or Water Conservation	School	Community	1	0	8	1338			10	10
5/9/2022	School Presentation (OPS)	School Program (onsite/in-person)	Marrs Magnet Center (5619 S 19th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	130	1					
5/10/2022	School Presentation (OPS)	School Program (onsite/in-person)	Pinewood Elementary (6717 N 63rd St, Omaha, NE 68152)	Stormwater Pollution or Water Conservation	School	Community	1	28	1					
5/11/2022	School Presentation (OPS)	School Program (onsite/in-person)	Pinewood Elementary (6717 N 63rd St, Omaha, NE 68152)	Stormwater Pollution or Water Conservation	School	Community	1	28	1					
5/13/2022	School Presentation (OPS)	School Program (onsite/in-person)	Castelar Elementary (2316 S 18th St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	1	5	1					
5/18/2022	School Presentation (OPS)	School Program (onsite/in-person)	Marrs Magnet Center (5619 S 19th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	65	1					
5/19/2022	School Presentation (OPS)	School Program (onsite/in-person)	Marrs Magnet Center (5619 S 19th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	65	1					
5/26/2022	Teacher Coaching - Curriculum Kit Checkout (Millard Public Schools Foundation)	Non-KOB/Teacher-Led Program (Resource Kit)	Millard Public Schools Foundation (5225 South 159th Ave.)	Stormwater Pollution or Water Conservation	School	Community	2	175	1					
5/27/2022	Kroc Center Summer Staff Training	Teacher Training Workshop (in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	0	10	460			10	10
5/28/2022	Zoo Summer Staff Training	Teacher Training Workshop (in-person)	Henry Doorny Zoo (3701 S 10th St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	1	0	21	1490			21	21
5/31/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	2	40	6					
6/1/2022	NE Extension: Sustainable Steps for Little Learners Series	Teacher Training Workshop (in-person)	NE Extension (8015 W Center Rd, Omaha, NE 68124)	Stormwater Pollution or Water Conservation	School	Community	1	0	20	623			25	25
6/2/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	2	40	6					
6/2/2022	Teacher Coaching - Curriculum Kit Checkout (Private Preschool)	Non-KOB/Teacher-Led Program (Resource Kit)	Phillip Patch (7240 Blondo St, Omaha, NE 68134)	Litter-Waste Reduction or Recycling	School	Community	1	30	1					
6/2/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	0	6					
6/2/2022	NE Extension: Sustainable Steps for Little Learners Series	Teacher Training Workshop (in-person)	NE Extension (8015 W Center Rd, Omaha, NE 68124)	Stormwater Pollution or Water Conservation	School	Community	1	0	16	273				
6/9/2022	Teacher Coaching - Curriculum Kit Checkout	Non-KOB/Teacher-Led Program (Resource Kit)	Millard Public Schools (5110 S 156th St, Omaha, NE 68135)	Litter-Waste Reduction or Recycling	School	Community	3	240	4					
6/9/2022	Kids Can Summer Program	School Program (onsite/in-person)	Miller Park (2707 Redick Ave, Omaha, NE 68112)	Stormwater Pollution or Water Conservation	School	Community	1	22	4					
6/9/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	50	6					
6/10/2022	Kids Can Summer Program	School Program (onsite/in-person)	Miller Park (2707 Redick Ave, Omaha, NE 68112)	Stormwater Pollution or Water Conservation	School	Community	1	24	6					
6/13/2022	Teacher Coaching - Curriculum Kit Checkout (Private program - school age)	Non-KOB/Teacher-Led Program (Resource Kit)	Bensonhurst Kids Club	Litter-Waste Reduction or Recycling	School	Community	1	20	1					
6/14/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	3	50	4					
6/15/2022	Teacher Coaching - Curriculum Kit Checkout	Non-KOB/Teacher-Led Program (Resource Kit)	St. Luke Child Development Center (11810 Burke St, Omaha, NE 68154)	Litter-Waste Reduction or Recycling	School	Community	1	20	1					
6/15/2022	NE Extension: Sustainable Steps for Little Learners Series	Teacher Training Workshop (in-person)	NE Extension (8015 W Center Rd, Omaha, NE 68124)	Litter-Waste Reduction or Recycling	School	Community	1	0	19	618			19	19
6/16/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	3	50	6					
6/17/2022	Kids Can Summer Program	School Program (onsite/in-person)	Miller Park (2707 Redick Ave, Omaha, NE 68112)	Stormwater Pollution or Water Conservation	School	Community	2	35	4					
6/21/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	50	6					
6/22/2022	Teacher Coaching - Curriculum Kit Checkout	Non-KOB/Teacher-Led Program (Resource Kit)	Gifford Farm ESU#3 Head Start (700 Camp Gifford Rd, Bellevue, NE 68005)	Litter-Waste Reduction or Recycling	School	Community	1	45	1					
6/23/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	50	6					
6/28/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	3	50	6					
6/30/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	3	50	6					
7/5/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	3	50	6					
7/6/2022	Star Spangled Cleanup	Presentation (in-person)	Hanscom Park 3201 Woolworth Ave Omaha, NE 68105	Stormwater Pollution or Water Conservation	Community	Community	1	4	16					
7/7/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	3	50	6					
7/12/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	50	6					
7/14/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	50	6					
7/19/2022	Kroc Center Summer Programming	School Program (onsite/in-person)	Kroc Center (2825 Y St, Omaha, NE 68107)	Litter-Waste Reduction or Recycling	School	Community	3	50	6					
7/21/2022	Kroc Center Summer Programming	Non-KOB/Teacher-Led Program (Resource Kit)	Kroc Center (2825 Y St, Omaha, NE 68107)	Stormwater Pollution or Water Conservation	School	Community	3	50	6					
7/23/2022	Ocean Conservancy & Pacific Life Cleanup	Presentation (in-person)	Levi Carter Park: 4405 Carter Lake Shore Dr W, Omaha, NE 68110	Litter-Waste Reduction or Recycling	Community	Community	1	5	13			</		

Date	Event Name (if applicable)	Activity Type	Location:	Primary/Key Topic	KOB Categories: School or Community	MS4 Target Audience Category	# of Separate Activities/Presentations	# of Youth Participants	# of Adult Participants	Student Reach (for teachers who complete KOB environmental education training workshops)	Stormwater-Related Brochure or Info	World O! Water Flier/Brochure	HHW/UTS Brochure	Litter Reduction or Recycling Related Brochure/Info
10/8/2022	ELC Networking Event	Education Booth	ESU 3 (6949 S 110th St, La Vista, NE 68128)	Litter-Waste Reduction or Recycling	Community	Community	0	0	25				25	25
10/12/2022	After School Program (OPS)	School Program (onsite/in-person)	Pine Elementary (810 Pine St, Omaha, NE 68108)	Stormwater Pollution or Water Conservation	School	Community	1	18	1					
10/13/2022	After School Program (OPS)	School Program (onsite/in-person)	Gilder Elementary (3705 Chandler Rd W, Bellevue, NE 68147)	Stormwater Pollution or Water Conservation	School	Community	1	16	1					
10/17/2022	Tree Planting Pre-Activity	School Program (onsite/in-person)	B & B Boxing (3034 Sprague St, Omaha, NE 68111)	Stormwater Pollution or Water Conservation	Community	Community	1	20	4					
10/18/2022	School Program (OPS)	School Program (onsite/in-person)	North High School (4410 N 36th St, Omaha, NE 68111)	Stormwater Pollution or Water Conservation	School	Community	3	75	2				50	50
10/19/2022	School Program (OPS)	School Program (onsite/in-person)	North High School (4410 N 36th St, Omaha, NE 68111)	Stormwater Pollution or Water Conservation	School	Community	4	100	3				50	50
10/20/2022	After School Program (OPS)	School Program (onsite/in-person)	Gilder Elementary (3705 Chandler Rd W, Bellevue, NE 68147)	Litter-Waste Reduction or Recycling	School	Community	1	16	1					
11/2/2022	After School Program (OPS)	School Program (onsite/in-person)	Pine Elementary (810 Pine St, Omaha, NE 68108)	Litter-Waste Reduction or Recycling	School	Community	1	18	3					
11/3/2022	After School Program (OPS)	School Program (onsite/in-person)	Gilder Elementary (3705 Chandler Rd W, Bellevue, NE 68147)	Litter-Waste Reduction or Recycling	School	Community	1	16	1					
11/8/2022	Cure for Cabin Fever - Indoor and Outdoor Play in the Winter	Teacher Training Workshop (online)	NE Extension - Virtual (8015 W Center Rd, Omaha, NE 68124)	Litter-Waste Reduction or Recycling	School	Community	1	0	72					
11/9/2022	After School Program (OPS)	School Program (onsite/in-person)	Pine Elementary (810 Pine St, Omaha, NE 68108)	Litter-Waste Reduction or Recycling	School	Community	1	18	1					
11/10/2022	After School Program (OPS)	School Program (onsite/in-person)	Gilder Elementary (3705 Chandler Rd W, Bellevue, NE 68147)	Litter-Waste Reduction or Recycling	School	Community	1	16	1					
11/10/2022	Nature Play through the Seasons (PLT)	Teacher Training Workshop (online)	Online - ESU	Litter-Waste Reduction or Recycling	School	Community	1	0	22		22		22	
11/16/2022	After School Program (OPS)	School Program (onsite/in-person)	Pine Elementary (810 Pine St, Omaha, NE 68108)	Litter-Waste Reduction or Recycling	School	Community	1	18	1					
11/17/2022	After School Program (OPS)	School Program (onsite/in-person)	Gilder Elementary (3705 Chandler Rd W, Bellevue, NE 68147)	Litter-Waste Reduction or Recycling	School	Community	1	16	1					
11/30/2022	After School Program (OPS)	School Program (onsite/in-person)	Pine Elementary (810 Pine St, Omaha, NE 68108)	Litter-Waste Reduction or Recycling	School	Community	1	18	1					
12/17/2022	After School Program (OPS)	School Program (onsite/in-person)	Gilder Elementary (3705 Chandler Rd W, Bellevue, NE 68147)	Litter-Waste Reduction or Recycling	School	Community	1	16	1					
12/8/2022	Advanced Topics in Nature-based Learning: Sustainable Steps	Teacher Training Workshop (online)	Online - NE Extension	Litter-Waste Reduction or Recycling	School	Community	1	0	42					
							161	6687	2158	9145	150	0	516	773

Materials Total 1,439
In-Person
Attendees Total 8,845

NOTES

Column K is # of students teachers indicated they will apply professional training to

Attachment A
Keep Omaha Beautiful Advertising

Date	Type	Source	Paid vs Free Coverage	Overall Category	Specific Topic / Relevant Details	Impressions	Engagement
3/10/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	20,701	1,491
3/10/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	868	60
3/17/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	16,694	2,036
3/17/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	543	46
4/5/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	37,284	1,918
4/5/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	606	30
4/13/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	19,608	1,590
4/13/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	615	34
4/15/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	60,443	3,800
4/15/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	472	19
4/19/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	4,128	350
4/19/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	412	16
4/20/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Litter Cleanup	3,906	162
4/20/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Litter Cleanup	250	20
4/21/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Compost, Yardwaste, and/or Leave It On The Lawn	13,011	309
4/21/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Compost, Yardwaste, and/or Leave It On The Lawn	355	23
4/22/2022	TV	WOWT	Free Coverage	Litter-Waste Reduction and/or Recycling	Litter Cleanup		
4/22/2022	TV	KMTV	Free Coverage	Litter-Waste Reduction and/or Recycling	Litter Cleanup		
4/24/2022	TV	KETV	Free Coverage	Litter-Waste Reduction and/or Recycling	Other		
4/24/2022	TV	KMTV	Free Coverage	Litter-Waste Reduction and/or Recycling	Litter Cleanup		
4/27/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Litter Cleanup	3,890	242
4/27/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Litter Cleanup	346	13
5/15/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	17,747	741
5/15/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	1,099	76
5/21/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	291	11
5/21/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	19,990	646
6/2/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	9,008	517
6/3/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	18,919	3,092
6/7/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	247	7
6/12/2022	TV	WOWT	Free Coverage	Litter-Waste Reduction and/or Recycling	Only Rain Down the Storm Drain		
6/13/2022	TV	KMTV	Free Coverage	Litter-Waste Reduction and/or Recycling	Only Rain Down the Storm Drain		
6/15/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Firework Disposal	225	13
6/15/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Litter Cleanup	6,265	220
6/22/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	21,455	1,303
6/23/2022	Social Media	Facebook (KOB)	Standard Post	Stormwater and/or Water Conservation	Firework Disposal	0	14
6/25/2022	Radio	KIOS	Paid Post or Ad	Stormwater and/or Water Conservation	Firework Disposal		
6/28/2022	E-News/Blast	EMA (KOB)	Standard E-blast or E-news	Stormwater and/or Water Conservation	Firework Disposal	6,147	1,710
6/29/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Firework Disposal	233	15
6/29/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Firework Disposal	10,882	868
7/1/2022	E-News/Blast	Wasteline E-News	Partner E-blast or E-news	Stormwater and/or Water Conservation	Firework Disposal	12,094	37
7/2/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Firework Disposal	11,568	2,028
7/3/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Firework Disposal	380	14
7/3/2022	Social Media	Facebook (KOB)	Standard Post	Stormwater and/or Water Conservation	Firework Disposal	389	6
7/3/2022	TV	WOWT	Free Coverage	Stormwater and/or Water Conservation	Firework Disposal		
7/9/2022	TV	WOWT	Free Coverage	Litter-Waste Reduction and/or Recycling	Litter Cleanup		
7/19/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	35,802	2,795
8/2/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	765	66
8/2/2022	Social Media	Facebook (KOB)	Standard Post	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	1,602	192

Attachment A
Keep Omaha Beautiful Advertising

Date	Type	Source	Paid vs Free Coverage	Overall Category	Specific Topic / Relevant Details	Impressions	Engagement
8/16/2022	Social Media	Facebook	Reshared Post	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	1,648	69
8/24/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	615	19
8/24/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	WO!W	9,343	422
8/26/2022	E-News/Blast	EMA (KOB)	Standard E-blast or E-news	Stormwater and/or Water Conservation	Other	5,934	1,919
8/29/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	565	10
8/29/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	712	25
8/29/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	WO!W	4,724	256
8/29/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	25,125	1,619
8/29/2022	Radio	El Patron / iHeart Radio	Paid Post or Ad	Stormwater and/or Water Conservation	WO!W	70,800	1,883
8/30/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	237	6
8/30/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	WO!W	8,359	668
9/1/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	260	9
9/1/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	WO!W	9,233	621
9/3/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	324	8
9/3/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	WO!W	11,924	656
9/6/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	263	7
9/6/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	WO!W	10,942	890
9/8/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	275	15
9/8/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	256	8
9/8/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	26,786	1,663
9/8/2022	Social Media	Facebook (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	165	13
9/10/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	307	4
9/10/2022	Social Media	Facebook (KOB)	Standard Post	Stormwater and/or Water Conservation	WO!W	616	21
9/15/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	416	12
9/15/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	17,486	1,120
9/17/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	324	12
9/17/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	17,084	732
9/22/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	13,833	439
9/22/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	246	15
9/26/2022	Social Media	Facebook	Reshared Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	666	34
10/3/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	10,135	333
10/6/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	11,258	1,825
10/11/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	14,948	2,024
10/16/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	5,054	330
10/17/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	32,333	2,629
10/17/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	9,438	1,121
10/19/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	54,743	2,132
10/24/2022	E-News/Blast	EMA (KOB)	Standard E-blast or E-news	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	6,185	2,181
10/31/2022	Social Media	Facebook	Reshared Post	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	1,423	62
11/2/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	5,195	391
11/2/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	1,697	112
11/5/2022	Social Media	Facebook (KOB)	Standard Post	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	369	24
11/5/2022	Social Media	Instagram (KOB)	Standard Post	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	294	11
11/9/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	11,637	746
11/9/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	1,343	69
11/20/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Compost, Yardwaste, and/or Leave It On The Lawn	15,871	4,895
11/22/2022	Social Media	Facebook (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	287	7

Attachment A
Keep Omaha Beautiful Advertising

Date	Type	Source	Paid vs Free Coverage	Overall Category	Specific Topic / Relevant Details	Impressions	Engagement
11/22/2022	Social Media	Instagram (KOB)	Standard Post	Litter-Waste Reduction and/or Recycling	Compost, Yardwaste, and/or Leave It On The Lawn	332	12
11/30/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	24,709	2,336
12/2/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Only Rain Down the Storm Drain	4,954	2,488
12/6/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Stormwater and/or Water Conservation	Omaha Recycles Right	1,549	936
12/6/2022	Social Media	Facebook (KOB)	Paid Post or Ad	Litter-Waste Reduction and/or Recycling	Omaha Recycles Right	1,053	545
						813,515	64,914

	Count	Impressions	Engagements
Radio	2	70800	1,883
Print	0	0	-
Web	0	0	-
TV	8	0	-
E-News	0	0	-
Social Media	86	636265	57,184
Total	96	707065	59,067

Attachment A
Litter Clean Ups

Date	Type of Cleanup	Cleanup Category	Name of Site	Organization	Vol. Coord. First Name	Vol. Coord. Last Name	Official # of Youth	Official # of Adults	Hours for the Event	Total Volunteer Hours	Litter Bags (Trash & Recycling) Collected #	Trail Miles Completed
1/12/2022	Roadside	Adopt-a-Spot	72/Dodge - 77/Dodge	Beautification Project	Cyndonna	Tefft	0	1	4	4	5	0.25
1/28/2022	Roadside	Adopt-a-Spot	72/Dodge - 77/Dodge	Beautification Project	Cyndonna	Tefft	0	1	3	3	4	0.25
2/6/2022	Roadside	Adopt-a-Spot	72/Dodge	Beautification Project	Cyndonna	Tefft	0	1	2	2	2.5	0
2/15/2022	Stream	Adopt-a-Spot	Whispering Ridge	Kluyer Family	Cole	Kluyer	1	2	1	3	2	0
2/18/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	1	1	1	5	0.5
2/19/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	1	1	1	5	0
2/20/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	3	3	9	8	0
3/2/2022	Lake/Dam Site	Standard	Levi Carter Park	Partnership 4 Kids	Zoey	Ballard	0	3	3	9	7	0
3/4/2022	Park (no H2O)	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	1.5	1.5	3	0
3/10/2022	Roadside	Adopt-a-Spot	72/Dodge - 77/Dodge	Beautification Project	Cyndonna	Tefft	0	1	2.5	2.5	3	0
3/12/2022	Park (no H2O)	Adopt-a-Spot	Schroeder-Vogel Park	Askarben/Elmwood Neighborhood Association	Scott	Swanson	0	4	2	8	6	0
3/13/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	2	2	4	0
3/13/2022	Park (no H2O)	Adopt-a-Spot	Pulaski Park and 41st Ave from F St. to H St.	Pulaski Park Neighborhood Association	Ricki	Zaracki	0	2	1.5	3	2	0
3/13/2022	Park (no H2O)	Standard	Leavenworth Park	Olivia Johannes	Olivia	Johannes	0	2	2	4	2	0
3/14/2022	Park (no H2O)	Standard	Leavenworth Park	Olivia Johannes	Olivia	Johannes	0	2	1	2	1	0
3/14/2022	Park (no H2O)	Standard	Leavenworth Park	Olivia Johannes	Olivia	Johannes	0	2	2	4	2	0
3/16/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	1	1	1	3	0
3/16/2022	Park (no H2O)	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	0.75	0.75	0.5	0
3/17/2022	Stream	Standard	Walnut Grove Park	Farm Credit Services of America	Krystle	Jones	0	14	2	28	17	0
3/18/2022	Roadside	Standard	Outside Jaffrey Insurace (alleyway)	Jaffrey Insurance and Financial Services	Juan	Nava	0	6	1	6	3	0
3/19/2022	Park (no H2O)	Adopt-a-Spot	Brown Park	Daughton Family	Joan	Daughton	10	3	1	13	5	0
3/19/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	3	0
3/20/2022	Trail (no H2O)	Standard	South Omaha Trail	Gears In Motion 4H Club	Sharla	Kurz	5	5	2.5	25	13	1.1
3/23/2022	Stream	Adopt-a-Spot	Whispering Ridge	Kluyer Family	Cole	Kluyer	1	2	1	3	2	0
3/25/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	1	1	1	3	0
3/25/2022	Park (no H2O)	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	2	2	1	0
3/26/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	1	1	1	3	0
3/26/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	3	0
3/26/2022	Park (no H2O)	Adopt-a-Spot	Miguel Keith Park	Miguel Keith Det 609 Marine Corps League	Jerry	Boganowski	0	12	2	24	48	0
3/26/2022	Lake/Dam Site	NSC-Diversion	Standing Bear Lake	Diversion	Cassie	Wagner	0	2	6	12	5	3
3/26/2022	Stream	Standard	Orchard Park Creek	Conservation Nebraska	Briana	Kouma	0	3	2	6	9	0
3/27/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	4	5	20	16	0
3/27/2022	Neighborhood	Standard	Sterling Ridge Neighborhood	Francois Van Impe in Sterling Ridge	Francois	Van Impe	1	5	2.5	15	14	0
3/28/2022	Lake/Dam Site	Adopt-a-Spot	Lawrence Youngman Lake	United Republic Bank	Jennifer	Kermoade	0	2	5	10	3	0
3/28/2022	Roadside	Adopt-a-Spot	72/Dodge - 77/Dodge	Beautification Project	Cyndonna	Tefft	0	1	2.5	2.5	2	0
3/30/2022	Park (no H2O)	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	1	1	0.5	0
3/31/2022	Trail (near water)	Adopt-a-Spot	Keystone Trail	Maijah Rae	Maijah	Mickles	0	3	1.5	4.5	3	9.7
4/1/2022	Stream	Standard	Elmwood Park Creek	College of Engineering at UNO	Jhovani	Perez-Morales	0	8	2	16	6	0
4/2/2022	Neighborhood	Adopt-a-Spot	Woodhurst neighborhood	Keep Woodhurst Beautiful	Laura	Kelley	0	12	3	36	17	0
4/2/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	4	0
4/2/2022	Park (no H2O)	Adopt-a-Spot	Towl Park	Signature Performance	John	Scheneman	4	9	1	13	10	0
4/2/2022	Park (no H2O)	Adopt-a-Spot	Conoco Park	Tibbits Weaver	Melissa	Tibbits	1	2	1	3	2	0
4/2/2022	Roadside	Adopt-a-Spot	72/Dodge - 77/Dodge	Beautification Project	Cyndonna	Tefft	0	1	5	5	6	0.5
4/2/2022	Neighborhood	Standard	Leavenworth to Pacific/ 29th - 31st Street	Leavenworth Neighborhood Association	Jacob	Rump	0	6	2.5	15	18	0
4/2/2022	Park (near water)	Standard	Hanscom Park	Verdis Group	Grace	Thomas	8	12	2	40	17	0
4/4/2022	Park (no H2O)	Individual-Service	James F. Lynch Park	Truman Forey	Truman	Forey	0	1	3	3	2	0
4/4/2022	Neighborhood	Standard	Corridors surrounding Durham Museum	Durham Museum	Susan	Sheehy	0	33	1	33	46	0
4/5/2022	Park (no H2O)	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	4.5	4.5	0.5	0
4/5/2022	Park (near water)	Standard	Seymour Smith Park	Nebraska Methodist College	Denyse	McDonald	0	55	2.5	137.5	28	4
4/5/2022	Park (near water)	Standard	Elmwood Park	NESCO	Jenna	Reynard	0	15	2	30	5	0
4/6/2022	Park (no H2O)	Adopt-a-Spot	Pepperwood Park	Angel Guardians Inc.	Jenna	Wilcox	0	20	3	60	7	0
4/6/2022	Park (no H2O)	Adopt-a-Spot	Bowling Green Park	HDR			5	10	1	15	5.5	0
4/7/2022	Stream	Adopt-a-Spot	Harper Valley Creek	1ACCS	Karly	Costigan	0	7	2	14	12	0
4/8/2022	Park (no H2O)	Individual-Service	Albright Park	Truman Forey	Truman	Forey	0	1	2.5	2.5	2	0
4/9/2022	Park (no H2O)	Adopt-a-Spot	Schroeder-Vogel Park	Askarben/Elmwood Neighborhood Association	Scott	Swanson	0	4	1	4	13	0
4/9/2022	Park (no H2O)	Adopt-a-Spot	Mandan Park	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	1	1.5	1.5	4	0
4/9/2022	Stream	Standard	Benson Park Creek	Global Days of Service	Morgana	Osborn	0	9	2	18	9	0
4/10/2022	Park (no H2O)	Adopt-a-Spot	Mandan Park	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	1	1.5	1.5	5	0
4/10/2022	Park (no H2O)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	3	4	12	6	0
4/10/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	5	0
4/10/2022	Park (no H2O)	Adopt-a-Spot	Parkside Park	Countryside Community Church Sr School Youth Group	Emma	Boyd	9	2	1.5	16.5	2	0
4/10/2022	Park (near water)	Standard	Deer Hallow Park	Our Lady of Lourdes 8th Grade Class	Jennifer	Cunningham	13	6	2	38	28	0
4/10/2022	Park (no H2O)	Standard	Spaulding Park	Green Jays Creighton	Grace	Varga	0	4	2	8	4	0
4/11/2022	Roadside	Individual-Service	Sorenson Parkway	Truman Forey	Truman	Forey	0	1	2	2	1	1

Attachment A
Litter Clean Ups

Date	Type of Cleanup	Cleanup Category	Name of Site	Organization	Vol. Coord. First Name	Vol. Coord. Last Name	Official # of Youth	Official # of Adults	Hours for the Event	Total Volunteer Hours	Litter Bags (Trash & Recycling) Collected #	Trail Miles Completed
4/12/2022	Stream	Standard	Crosskey Villages Park	Mulhall's	Taylor	Daniels	0	19	1	19	19	0
4/13/2022	Park (no H2O)	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	0.75	0.75	1	0
4/14/2022	Park (no H2O)	Adopt-a-Spot	Columbus Park	The Welds & Friends	Carly	Weld	0	2	1	2	3.5	0
4/14/2022	Park (no H2O)	Standard	Miller Park	LRS Healthcare	Danella	Porreco	0	12	1.5	18	7	0
4/15/2022	Trail (no H2O)	Individual-Service	South Omaha Trail	Truman Forey	Truman	Forey	0	1	2.5	2.5	3	2
4/15/2022	Lake/Dam Site	Standard	Hanscom Park Disc Golf Area	Hanscom Park Neighborhood Association	Tim	O'Connor	2	4	1.5	9	4.5	0
4/15/2022	Neighborhood	Standard	24th Street, area surrounding Latino Center	Latino Center of the Midlands	Guadalupe	Perez-Aguilar	39	8	3	141	60	0
4/16/2022	Park (no H2O)	Adopt-a-Spot	Brown Park	Daughton Family	Joan	Daughton	3	2	1	5	2	0
4/16/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	2	2	5	0
4/16/2022	Stream	Adopt-a-Spot	Mission Park West	West Family	Andy	West	2	2	2	8	4	0
4/16/2022	Stream	Standard	Benson Park Creek	Conservation Nebraska	Candice	Teal	0	10	2	20	10	0
4/18/2022	Trail (no H2O)	Adopt-a-Spot	South Omaha Trail 42nd - 50th	Rooney & Lee Families	Eileen	Rooney	4	2	1.5	9	5	0.5
4/18/2022	Park (no H2O)	Standard	Churchich Park	Spreatail	Brei	Wagner	0	20	2	40	10	0
4/19/2022	Park (no H2O)	Standard	James F. Lynch Park	CSG	Leah	Bryant	7	7	3	42	14	0
4/20/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	2.5	2.5	1	0
4/20/2022	Park (no H2O)	Individual-Service	Upland Park	Truman Forey	Truman	Forey	0	1	2	2	2	0
4/20/2022	Park (near water)	Standard	Hitchcock Park	Spreatail	Kelly	Kruse	0	20	2	40	10	0
4/20/2022	Trail (no H2O)	Standard	South Omaha Trail 42nd & D to Vinton St.	N/A	Troy	Anderson	1	1	3	6	5	0
4/21/2022	Stream	Adopt-a-Spot	Oakbrook Park and Little Papillino Creek near NFM	FYRA Engineering	Ryan	Roenigk	0	5	4	20	10	0
4/21/2022	Park (no H2O)	Standard	Gallagher Park	LRS Healthcare	Danella	Porreco	0	10	1.5	15	15	0
4/21/2022	Stream	Standard	Orchard Park Creek	M.U.D.	Ernie	Bless	2	4	1.5	9	8	0
4/21/2022	Trail (no H2O)	Standard	Field Club Trail	Linkedin	Claire	Wieger	0	40	4	160	20	5
4/22/2022	Lake/Dam Site	Standard	Spring Lake Park	Love Your Block Litter Walk	Christine	Baker	0	4	3	12	2	0
4/22/2022	Neighborhood	Standard	?	Love Your Block Litter Walk	Ben	Vilkas	1	1	1	2	1	0
4/22/2022	Neighborhood	Standard	Elkhorn Village	Love Your Block Litter Walk	Brian	Larson	1	1	2	4	4	0
4/22/2022	Neighborhood	Standard	Lookingglass Neighborhood	Love Your Block Litter Walk	Christina	Miles	0	1	1	1	2	0
4/22/2022	Neighborhood	Standard	Millard Park South	Love Your Block Litter Walk	Heather	Fliss	0	1	1	1	2	0
4/22/2022	Neighborhood	Standard	Olde Towne Bellevue	Love Your Block Litter Walk	Judith	Brown	1	1	1	2	1	0
4/22/2022	Neighborhood	Standard	Regency Neighborhood	Love Your Block Litter Walk	Brooke	Beardmore	2	2	1	4	1	0
4/22/2022	Lake/Dam Site	Standard	Fontenelle Park	BVH	Adam	Sitzmann	0	8	1	8	12	0
4/22/2022	Lake/Dam Site	Standard	Zorinsky Lake	Markel	Michelle	Merrill	0	2	1.5	3	6	0
4/22/2022	Neighborhood	Standard	Acton Academy Omaha	Acton Academy Omaha	Sanjukta	Samanta	20	1	1	21	10	0
4/22/2022	Neighborhood	Standard	Millwork Commons	WP Engine	Kelsey	Monochie	0	5	1	5	13	0
4/22/2022	Park (near water)	Standard	Levi Carter Park	Fusion Medical Staffing	Reese	Burke	0	120	4	480	249	0
4/22/2022	Park (no H2O)	Standard	Albright Park	Markel	Michelle	Merrill	0	4	1.5	6	7	0
4/22/2022	Roadside	Standard	WMC campus area, the surrounding neighborhoods, and the sidewalks along 90th and Dodge streets	Nebraska Methodist College	Kiley	Petersmith	0	20	1.5	30	19	0
4/22/2022	Roadside	Standard	13th and Howard going N/E/S	RDG	Samantha	Edmundson	0	9	1	9	10	4
4/22/2022	Schoolyard/Campus	Standard	Brownell-Talbot Park & School	Kindergarten Class at Brownell-Talbot	Catherine	Harrington	10	5	1	15	10	0
4/22/2022	Stream	Standard	Brookhaven	Meta	Julie	Anderson	0	20	2	40	12	0
4/22/2022	Trail (no H2O)	Standard	Zorinsky Lake/Trail	Linkedin	Claire	Wieger	0	40	4	160	20	0
4/23/2022	Neighborhood	Standard	90th and Western	Love Your Block Litter Walk	Briannan	Aboutaleb	1	1	1	2	1	0
4/23/2022	Neighborhood	Standard	Rockbrook	Love Your Block Litter Walk	Danielle	Taylor	2	2	1	4	1	0
4/23/2022	Park (near water)	Standard	Trendwood Park	AECOM	Bryan	Lucke	4	27	2	62	22	0
4/23/2022	Roadside	Standard	Annual Downtown Omaha Cleanup with Downtown Omaha Inc	12-Jul Annual Downtown Omaha Cleanup with Downtown Omaha Inc	Richard	Callahan	90	12	6	612	150	0
4/23/2022	Stream	Standard	Elmwood Park	Earth Day Omaha			29	50	6	474	29	0
4/24/2022	Park (near water)	Adopt-a-Spot	Mandan Park & Mt. Vernon Gardens	Friends of Mandan Park	Stephen	Bolgar	0	10	2	20	32	2
4/24/2022	Roadside	Adopt-a-Spot	13th Street Corridor	dusk goods and gifts	abby	massey	0	10	2	20	16	0
4/24/2022	Neighborhood	Standard	Bellevue Boulevard North	Love Your Block Litter Walk	Vicki	Swingle	0	2	1.5	3	3	0
4/24/2022	Neighborhood	Standard	Florence Neighborhood	Love Your Block Litter Walk	Candy	Bless-Heydorn	1	1	1	2	2	0
4/25/2022	Neighborhood	Standard	Christie Heights	Love Your Block Litter Walk	Alexie	Hermann	1	1	1	2	1	0
4/26/2022	Park (no H2O)	Adopt-a-Spot	Peterson Park	Cub Scout Pack 492	Ernie	Hemmer	19	10	1	29	3	0
4/26/2022	Neighborhood	Standard	?	Love Your Block Litter Walk	Robert	Gittins	1	2	1	3	2	0
4/26/2022	Neighborhood	Standard	Shadow Lake Papillion	Love Your Block Litter Walk	Peggy	Colleen Johnson	0	2	1	2	1	0
4/26/2022	Park (near water)	Standard	Mandan Park	Love Your Block Litter Walk	Donald	Preister	1	7	4	32	34	0
4/26/2022	Neighborhood	Standard	14215 Hillsdale Circle surrounding area	Goodwill (Southwest Store)	Lisa	Dillon	0	4	2	8	3	0
4/27/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	2.25	2.25	1	0
4/27/2022	Park (no H2O)	Adopt-a-Spot	Pacific Meadows Park	Angel Guardians	Makayla	Stubbs	0	15	2	30	2	0
4/27/2022	Stream	Adopt-a-Spot	Whispering Ridge	Kluver Family	Cole	Kluver	1	2	1.5	4.5	4	0
4/27/2022	Trail (no H2O)	Adopt-a-Spot	Turner Blvd Trail	Family of Art Attacks	Kevin	Thompson	2	1	2	6	2	1
4/27/2022	Trail (no H2O)	Adopt-a-Spot	South Omaha Trail at 50th	Rooney / Lee Family	Eileen	Rooney	0	2	0.75	1.5	2	0.1
4/27/2022	Neighborhood	Standard	Logan Middle School Neighborhood	Love Your Block Litter Walk	Stephanie	Barelman	1	1	1	2	1	0
4/27/2022	Neighborhood	Standard	Westwood Heights	Love Your Block Litter Walk	Sarah	Abrahamson	1	1	2	4	1	0
4/27/2022	Lake/Dam Site	Standard	Fontenelle Park	Em Space	Brian	Kaminski	0	3	3	9	3	0
4/27/2022	Neighborhood	Standard	14215 Hillsdale Circle surrounding area	Goodwill (Southwest Store)	Lisa	Dillon	0	4	2	8	3	0

Attachment A
Litter Clean Ups

Date	Type of Cleanup	Cleanup Category	Name of Site	Organization	Vol. Coord. First Name	Vol. Coord. Last Name	Official # of Youth	Official # of Adults	Hours for the Event	Total Volunteer Hours	Litter Bags (Trash & Recycling) Collected #	Trail Miles Completed
4/28/2022	Neighborhood	Standard	?	Love Your Block Litter Walk	Victoria	Reyes	8	2	1	10	2	0
4/28/2022	Neighborhood	Standard	Lincoln Road in Bellevue	Love Your Block Litter Walk	Laura	Jones	0	2	1	2	2	0
4/28/2022	Neighborhood	Standard	Florence Neighborhood	No More Empty Pots	Amy	Zeller	12	2	1	14	8	0
4/28/2022	Park (near water)	Standard	Benson Park Creek	Goodwill	Kelli	Malousek	0	24	2	48	24	0
4/28/2022	Park (no H2O)	Standard	Bluff View Park	N/A	Nancy	Le	0	2	1.5	3	4	0
4/28/2022	Trail (near water)	Standard	Seymour Smith Park	LRS Healthcare	Danella	Porreco	0	12	2	24	10	0
4/29/2022	Neighborhood	Standard	Wayland Addition	Love Your Block Litter Walk	Leslie	Heydorn	1	2	2	6	1	0
4/30/2022	Park (no H2O)	Adopt-a-Spot	Miguel Keith Park	Miguel Keith Det 609 Marine Corps League	Jerry	Boganowski	0	9	1	9	23	0
4/30/2022	Neighborhood	Standard	Benson Gardens	Love Your Block Litter Walk	Hannah	Snov	0	2	2	4	4	0
4/30/2022	Park (no H2O)	Standard	Adams Park	Kiewit Companies	Alexis	Lorence	1	14	1.5	22.5	19	0
4/30/2022	Park (no H2O)	Standard	Highland Park	ONOT Program Coordinator for Dreamer's Pathway Scholars Program	Cristina	Lamas	0	42	1.5	63	21	0
5/1/2022	Neighborhood	Adopt-a-Spot	Roanoke Neighborhood	McColgan Family	Kelly	McColgan	3	1	2	8	1.5	2
5/1/2022	Neighborhood	Adopt-a-Spot	Jackson to Leavenworth 51st to 51st Ave	Nancy Kelly	Nancy	Kelly	0	1	0.5	0.5	1	0
5/1/2022	Neighborhood	Standard	Brent Village	Love Your Block Litter Walk	Rebecca	Kienow	1	1	2	4	1	0
5/3/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	2.75	2.75	1	0
5/3/2022	Stream	Adopt-a-Spot	Whispering Ridge	Kluver Family	Cole	Kluver	1	3	1	4	3	0
5/3/2022	Neighborhood	Standard	Betz	Alicia Heger	Alicia	Heger	1	1	2	4	1	0
5/5/2022	Park (near water)	Standard	Hanscom Park	Conagra-Grocery R & D	Kelly	Casson	0	11	2	22	14	0
5/6/2022	Lake/Dam Site	Standard	Mandan Park/Mt. Vernon Gardens	Turner Constrution	Patrick	Nieto, Jr.	1	25	2	52	44	0
5/7/2022	Park (no H2O)	Adopt-a-Spot	Schroeder-Vogel Park	Askarben/Elmwood Neighborhood Association	Scott	Swanson	0	5	1	5	7	0
5/7/2022	Neighborhood	Standard	24th Street: South Omaha corridors	Cinco de Mayo	Erick	Lopez	10	15	2	50	100	0
5/7/2022	Neighborhood	Standard	Park Ave Neighborhood	inCOMMON Community Development	Kent	McCrimmon	0	7	1.5	10.5	7	0
5/7/2022	Neighborhood	Standard	Gottschalk Scout Shop	Scouts BSA	Calla	Lubberstedt	12	4	3	48	40	0
5/7/2022	Trail (no H2O)	Standard	South Omaha Trial 50th Street going west	MCC Humanities Class	Mira	Fosmer	1	2	2	6	10	1
5/8/2022	Park (near water)	Adopt-a-Spot	Mandan Park	Friends of Mandan Park	Stephen	Bolgar	0	5	2	10	9	0.25
5/8/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	3.5	0
5/9/2022	Trail (near water)	Adopt-a-Spot	Keystone Trail	Maijah Rae	Maijah	Mickles	0	2	2	4	3	4.3
5/10/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	2	2	0.5	0
5/10/2022	Park (near water)	Adopt-a-Spot	Mandan Park	Friends of Mandan Park	Stephen	Bolgar	0	2	1	2	5	0.25
5/10/2022	Park (near water)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park	Stephen	Bolgar	0	2	1	2	5	0.25
5/10/2022	Neighborhood	Standard	Maple Hills	Love Your Block Litter Walk	Diana	Shaw	2	1	1	3	2	0
5/11/2022	Park (no H2O)	Adopt-a-Spot	Columbus Park	The Weld's & Friends	Carly	Weld	0	2	1	2	1.5	50
5/11/2022	Neighborhood	Standard	Hydra Hills, Bellevue	Becky Smart	Becky	Smart	0	1	1	1	1	0
5/11/2022	Neighborhood	Standard	Askarben	Rebecca Crowell	Rebecca	Crowell	1	1	1	2	2	0
5/12/2022	Neighborhood	Standard	Bellevue	Nolan M.	Nolan	M.	1	1	1	2	1	0
5/13/2022	Park (no H2O)	Adopt-a-Spot	Leavenworth Park	Olivia Johannes	Olivia	Johannes	0	1	1	1	1	0
5/13/2022	Neighborhood	Standard	Olde Towne Bellevue 18th to Main Street	Deborah L. Woracek	Deborah L.	Woracek	0	1	0.75	0.75	1	0
5/13/2022	Roadside	Standard	24th Street Corridor	UPS	Sara	Wallin	0	8	1	8	10	0
5/13/2022	Schoolyard/Campus	Standard	Norris Middle School Grounds	Latino Center of the Midlands	Guadalupe	Perez-Aguilar	2	2	2	8	4	0
5/13/2022	Trail (near water)	Standard	Big Papio Trail starting at 84th Street or Towl Park	Bergman Incentives	Savannah	Preister	0	22	2	44	20	4
5/14/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.25	1.25	3	0
5/14/2022	Park (no H2O)	Adopt-a-Spot	Towl Park	Signature Performance	John	Scheneman	6	7	1	13	7	0
5/14/2022	Park (no H2O)	Adopt-a-Spot	Upland Park	Upland Park Leaders	Mayra	Flores	2	7	1	9	10	0
5/14/2022	Park (no H2O)	Standard	Upland Park	Canopy South	Juan	Padilla	0	10	1	10	12	0
5/14/2022	Park (no H2O)	Standard	Meadow Lane Park	Junior League of Omaha	Caitlin	Fleissner	2	6	2	16	6	0
5/14/2022	Trail (near water)	Standard	West Papio Trail (Millard Ave to 156th) & Westchester Park	Troop 402	Rod	Baumann	2	3	3	15	7	1
5/15/2022	Roadside	Adopt-a-Spot	13th Street Corridor	dusk goods and gifts	abby	massey	0	3	1	3	3	0
5/16/2022	Trail (no H2O)	Standard	OPPD Arboretum	Mercy	Mercy		1	1	1	2	1	0
5/16/2022	Trail (no H2O)	Standard	Field Club Trail	Richard West	Richard	West	0	1	15	15	3	0
5/17/2022	Park (no H2O)	Standard	Indian Creek Park	Gloria Reegan	Gloria	Reegan	1	0	0.5	0.5	1	0
5/17/2022	Park (no H2O)	Standard	Indian Creek Neighborhood Park	Love Your Block Litter Walk	Gloria	Reegan	1	0	0.5	0.5	1	0
5/17/2022	Park (no H2O)	Standard	Whispering Ridge Park	Love Your Block Litter Walk	Meera		1	2	1.5	4.5	2	0
5/18/2022	Neighborhood	Standard	Bensonhurst	Love Your Block Litter Walk	Kassandra	Mayo	6	8	1	14	5	0
5/19/2022	Roadside	Individual-Service	72/Dodge - 77/Dodge	Blue Bucket Project	Cydonna	Teft	0	10	3	30	2	0
5/19/2022	Neighborhood	Standard	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	0.75	0.75	0.5	0
5/19/2022	Trail (near water)	Standard	Missouri River Trail South	Boy Scouts of America	Charlotte	Palm		2	3	27	4	4.5
5/20/2022	Lake/Dam Site	Standard	Hanscom Park	Love Your Block Litter Walk	Amanda	Angle	0	1	1	1	1	0
5/21/2022	Park (no H2O)	Adopt-a-Spot	Brown Park	Daughton Family	Joan	Daughton	2	6	1	8	2	0
5/21/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	3	0
5/21/2022	Neighborhood	Standard	Overland Hills IV	Love Your Block Litter Walk	Jenny	Brooks	7	7	1	14	3	0
5/21/2022	Neighborhood	Standard	Tara Heights	Love Your Block Litter Walk	Autumn	Sky Burns	0	1	0.5	0.5	1	0
5/21/2022	Lake/Dam Site	Standard	Fontenelle Park	Mister K's Clubhouse	Kerron	Stark	9	6	1	15	7	0
5/21/2022	Lake/Dam Site	Standard	Standing Bear Lake	Omaha's Henry Doorly Zoo	Caitlin	Leary	0	6	4	24	6	0
5/21/2022	Park (near water)	Standard	Hitchcock Park	Douglas County office	Laura	Feilner	2	7	2	18	11	0

Attachment A
Litter Clean Ups

Date	Type of Cleanup	Cleanup Category	Name of Site	Organization	Vol. Coord. First Name	Vol. Coord. Last Name	Official # of Youth	Official # of Adults	Hours for the Event	Total Volunteer Hours	Litter Bags (Trash & Recycling) Collected #	Trail Miles Completed
5/21/2022	Stream	Standard	Orchard Park Creek	Jacobs Engineering	Carla	Arsenault	2	13	2	30	11	0
5/21/2022	Trail (near water)	Standard	Keystone Trail between Roberts and Esther Park	St. Pius X Youth Group	Maureen	Kubat	4	2	2	12	5	2.8
5/22/2022	Neighborhood	Adopt-a-Spot	Lakeshore Neighborhood	Maine Family	Heather	Maine	2	1	1	3	1	0
5/22/2022	Neighborhood	Adopt-a-Spot	Roanoke Neighborhood	McColgan Family	Kelly	McColgan	3	1	1.5	6	2	1.22
5/22/2022	Stream	Adopt-a-Spot	Misson Park West	West Family	Andy	West	2	2	1	4	2	0
5/22/2022	Neighborhood	Standard	Fontenelle Park	Love Your Block Litter Walk	Barb	Heydorn	1	1	1	2	1	0
5/22/2022	Schoolyard/Campus	Standard	Dana College Campus	Love Your Block Litter Walk	Lydia	Krysl	1	1	1	2	1	0
5/23/2022	Park (no H2O)	Adopt-a-Spot	Essex Park	Head Space Salon	Andrea	Riley	0	1	1	1	1	0
5/23/2022	Roadside	Adopt-a-Spot	13th Street North of the Interstate, Cass Street 10th-13th Street	Alvine Engineering	Maggie	Koenig	0	6	1	6	2	0
5/25/2022	Park (no H2O)	Adopt-a-Spot	Bowling Green Park	N/A			2	8	1	10	4	0
5/26/2022	Neighborhood	Adopt-a-Spot	The Prairies	Lankhorst Family	Noah	Lankhorst	3	2	1.5	7.5	2	1
5/27/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	1	1	0.5	0
5/27/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge #14 Prince Hall Masons	Jaret J.	Spearman Sr.	0	1	2	2	3	0
5/27/2022	Trail (near water)	Adopt-a-Spot	Big Papio Creek - Blondo to Dodge	Heroes Lawncare	John	Carlisle	0	3	1	3	4	0
5/28/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge #14 Prince Hall Masons	Jaret J.	Spearman Sr.	0	1	2	2	1	0
5/28/2022	Park (no H2O)	Adopt-a-Spot	Miguel Keith Park	Miguel Keith Det 609 Marine Corps League	Jerry	Boganowski	0	10	3	30	9	0
5/28/2022	Park (no H2O)	Adopt-a-Spot	Conoco Park	Tibbits Weaver Family	Melissa	Tibbits	1	3	0.5	2	1	0
5/28/2022	Stream	Standard	Elmwood Park Creek	Conservation Nebraska	Candice	Teal	2	2	2	8	4	0
5/29/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	3.5	0
5/29/2022	Roadside	Adopt-a-Spot	72/Dodge	The Blue Bucket Project	Cindy	Tefft	0	1	3	3	2	0.1
5/29/2022	Stream	Standard	Crosskey Villages Park	N/A	Lauren	Thomas	0	2	2	4	2	1
5/31/2022	Neighborhood	Adopt-a-Spot	Jackson 51 Ave and street	Nancy Kelly	Nancy	Kelly	0	1	1	1	0.5	0
5/31/2022	Park (no H2O)	Adopt-a-Spot	Clarkson Park	Joslyn Castle Nieghborhood Association	Jim	Winston	0	3	6	18	4	0
5/31/2022	Stream	Adopt-a-Spot	Walnut Grove Park	Jonathan Hall & Friends	Jonathan	Hall	0	1	1	1	1	0
5/31/2022	Roadside	Individual-Service	Fontenelle Blvd - 33rd - 36th	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	3	0
6/1/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	0.75	0.75	0.25	0
6/2/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge #14 Prince Hall FreeMasons	Jaret J.	Spearman Sr.	0	1	2	2	4	0
6/2/2022	Park (no H2O)	Adopt-a-Spot	Lawrence Youngman Boat Ramp and Park	United Republic Bank	Jennifer	Kermaode	0	2	4	8	2	0
6/2/2022	Park (no H2O)	Adopt-a-Spot	Upland Park	Upland park leaders	Mayra	Flores	2	6	1	8	5	0
6/2/2022	Trail (near water)	Adopt-a-Spot	South Omaha Trail - East of 50th St.	Rooney & Lee Families	Eileen	Rooney	4	2	0	0	0	0
6/3/2022	Park (near water)	Adopt-a-Spot	Mandan Park	Friends of Mandan Park	Stephen	Bolgar	0	2	2	4	7	0
6/4/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge 14 Prince Hall FreeMasons	Jaret J.	Spearman Sr.	0	1	0.5	0.5	0.5	0
6/4/2022	Park (no H2O)	Adopt-a-Spot	Towl Park	Signature Performance	John	Scheneman	5	7	1	12	4	0
6/4/2022	Park (near water)	Standard	Kiwanis Pond	N/A	Marla	Fries	0	6	1	6	9	0
6/4/2022	Park (no H2O)	Standard	Elmwood Park	Taste of Omaha	Mike	Mancuso	0	20	1	20	10	0
6/5/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge 14 Prince Hall FreeMasons	Jaret J.	Spearman Sr.	1	1	2	4	3	0
6/5/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge 14 Prince Hall FreeMasons	Jaret J.	Spearman Sr.	1	1	2	4	5	0
6/5/2022	Park (no H2O)	Standard	Elmwood Park	Taste of Omaha	Mike	Mancuso	0	20	1	20	10	0
6/6/2022	Park (near water)	Adopt-a-Spot	Keystone Trail	Maijah Rae	Maijah	Mickles	0	3	3.5	10.5	4	4.3
6/6/2022	Stream	Adopt-a-Spot	Whispering Ridge	Kluver Family	Cole	Kluver	1	1	1	2	2	0
6/6/2022	Roadside	Individual-Service	Sorenson Pkwy	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	2	0
6/7/2022	Park (no H2O)	Adopt-a-Spot	Pacific Meadows Park	Angel Guardians Inc	Makayla	Stubbs	0	16	1	16	1	0
6/7/2022	Lake/Dam Site	Standard	Spring Lake Park	Offutt Air Force Base	Greg	McRae	0	3	2	6	3	0
6/7/2022	Park (no H2O)	Standard	Kroc Center - Summer Programming	Kroc Center			60	6	3	198	9	0
6/7/2022	Park (no H2O)	Standard	Miller Park	MCC with Upward Bound	Latrell	Wrightsell	9	2	2	22	11	0
6/8/2022	Park (no H2O)	Adopt-a-Spot	Black Elk Park	Angel Guardians Inc	Stephen	Kavanaugh	0	14	1	14	3	0
6/8/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1	1	2.5	0
6/9/2022	Park (no H2O)	Standard	Adams Park	Moody's Analytics	Glen	Wordekemper	0	28	2	56	28	0
6/9/2022	Schoolyard/Campus	Standard	Surrounding Nelson Mandela Elementary/Miller Park	Nelson Mandela Elementary	Kwin	Kunkle	50	6	1.5	84	7	0
6/10/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	0.4	0.4	1	0
6/10/2022	Park (no H2O)	Adopt-a-Spot	Harrison Heights Park	Michael Jones & Family	Michael	Jones	0	1	0.5	0.5	1	0
6/10/2022	Park (no H2O)	Individual-Service	Meadow Lane Park	Cassidy Bruns	Cassidy	Bruns	0	1	6.5	6.5	6	0
6/10/2022	Trail (near water)	Standard	Big Papio Trail (Frontage Rd. to 103rd St.)	Networking group	Sarah	Morris Rotermond	0	5	2	10	5	0
6/11/2022	Neighborhood	Adopt-a-Spot	30th and Cuming Street	Neighborhood Cleaners	Amir-Abel	Assih	0	2	2	4	4	0
6/11/2022	Park (near water)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park and Mt. Vernon Gardens	Stephen	Bolgar	0	2	2	4	2	0
6/11/2022	Park (no H2O)	Adopt-a-Spot	Schroder-Vogel Park	Aksarben/Elmwood Park Neighborhood Association	Scott	Swanson	0	3	1.5	4.5	6	0
6/11/2022	Lake/Dam Site	Standard	Levi Carter Park	Omaha's Henry Doory Zoo	Caitlin	Leary	1	2	1	3	3	0
6/12/2022	Roadside	Adopt-a-Spot	13th Street Corridor	dusk goods and gifts	abby	massey	0	2	1	2	3	0
6/12/2022	Roadside	Adopt-a-Spot	Q Street	Neighborhood Cleaners	Amir-Abel	Assih	0	1	1.5	1.5	1	0
6/12/2022	Roadside	Individual-Service	Interstate 80 and 60th Street	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	2	0
6/12/2022	Lake/Dam Site	Standard	Standing Bear Lake	WeLoveU	Uriel	Acuna	0	40	2	80	25	4
6/13/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	2.5	0
6/13/2022	Roadside	Individual-Service	Interstate 80 and 60th Street	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	5	0
6/15/2022	Park (no H2O)	Adopt-a-Spot	Bowling Green Park	N/A			0	6	1	6	6	0

Attachment A
Litter Clean Ups

Date	Type of Cleanup	Cleanup Category	Name of Site	Organization	Vol. Coord. First Name	Vol. Coord. Last Name	Official # of Youth	Official # of Adults	Hours for the Event	Total Volunteer Hours	Litter Bags (Trash & Recycling) Collected #	Trail Miles Completed
6/15/2022	Trail (no H2O)	Adopt-a-Spot	South Omaha Trail	Rooney / Lee Families	Eileen	Rooney	0	1	1	1	2	0.5
6/15/2022	Park (no H2O)	Standard	Trendwood Park	Camping, Coding, and Creating 4-H Club	Rebecca	Dunn	4	3	2	14	4	0
6/16/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	0.5	0.5	1	0
6/16/2022	Trail (no H2O)	Individual-Service	144th Street Trail (Standing Bear to West Maple)	Hope Whitten	Hope	Whitten	2	3	3	15	1	0
6/16/2022	Park (no H2O)	Standard	Kroc Center - Summer Programming	Kroc Center			60	6	3	198	9	0
6/16/2022	Roadside	Standard	Downtown	Woodmen Life	Amanda V.	Phillips	0	10	1.5	15	5	0
6/16/2022	Park (no H2O)	Standard	James F. Lynch Park	100 Women who Care	Melissa	Gebauer	0	7	2	14	7	0
6/17/2022	Park (near water)	Adopt-a-Spot	Benson Park	TEAM-LLC	Sylvester	Gbekin	0	6	1	6	1	0
6/17/2022	Park (no H2O)	Adopt-a-Spot	Cottonwood Park	Cottonwood Cleaners!	Srila	Prathivadhi	1	2	3	9	2	0
6/18/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge #14 Prince Hall Freemasons	Jaret	Spearman	1	1	1	2	1	0
6/18/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	2	0
6/18/2022	Roadside	Adopt-a-Spot	72/Dodge - 77/Dodge	Blue Bucket Project	Cindy	Tefft	0	1	3	3	5	0
6/18/2022	Neighborhood	Standard	North 24th Street, Lake to Sprague	NAACP	Frankie	Williams	2	5	4	28	6	0
6/18/2022	Neighborhood	Standard	Omaha Freedom Festival	Omaha Freedom Festival	Karen	Davis	0	50	1	50	50	0
6/19/2022	Park (near water)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park	Stephen	Bolgar	0	2	2	4	2	0.25
6/19/2022	Roadside	Individual-Service	30th and T Streets	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	4	0
6/21/2022	Park (near water)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park	Stephen	Bolgar	0	3	5	15	14	0
6/21/2022	Stream	Adopt-a-Spot	Big Papio Creek Trail	Heroes Lawncare	John	Carlisle	0	2	1	2	2	0
6/22/2022	Park (no H2O)	Adopt-a-Spot	Black Elk Park	Angel Guardians	Stephen	Kavanaugh	0	12	1	12	1	0
6/22/2022	Roadside	Adopt-a-Spot	72/Dodge	Blue Bucket Project	Cindy	Tefft	0	1	3	3	2	0
6/22/2022	Park (no H2O)	Individual-Service	Bluff View Park	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	6	0
6/24/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	2.25	2.25	1	0
6/24/2022	Trail (near water)	Standard	Big Papio Trail - North to Blondo and south to pacific	Schemmer	Nate	Schmidt	0	7	1	7	7	2
6/25/2022	Neighborhood	Adopt-a-Spot	30th and Cuming	Neighborhood Cleaners	Amir-Abel	Assih	0	4	2	8	7	0
6/25/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge #14 Prince Hall Masons	Jay	Spearman	1	1	2	4	3	0
6/25/2022	Park (no H2O)	Adopt-a-Spot	Essex Park	Headspace Salon	Andrea	Riley	0	2	1	2	1	0
6/25/2022	Park (no H2O)	Adopt-a-Spot	Miguel Keith Park	Miguel Keith Det 609 Marine Corps League	Jerry	Boganowski	0	15	1.5	22.5	16	0
6/25/2022	Park (near water)	Standard	Hitchcock park	Cox	Teddy	Gonzalez	0	7	4	28	12	0
6/26/2022	Neighborhood	Adopt-a-Spot	Roanoke Neighborhood	McColgan Family	Kelly	McColgan	3	1	2.5	10	3	0
6/26/2022	Park (near water)	Adopt-a-Spot	Mission Park West	West Family	Andy	West	2	1	1	3	1	0
6/26/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	2.5	2.5	6	0
6/26/2022	Roadside	Individual-Service	28th & Harney/Dodge/Farnam	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	3	0
6/27/2022	Neighborhood	Adopt-a-Spot	Lakeshore Neighborhood	Maine Family	Heather	Maine	2	1	2.5	7.5	0.5	0
6/27/2022	Park (no H2O)	Adopt-a-Spot	Columbus Park	The Weld's & Friends	Carly	Weld	0	2	1	2	3	0
6/27/2022	Neighborhood	Individual-Service	Southside Terrace Complex	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	4	0
6/28/2022	Park (no H2O)	Adopt-a-Spot	Peterson Park	Cub Scout Pack 492	Ernie	Hemmer	18	7	1.5	37.5	3	0
6/28/2022	Park (no H2O)	Adopt-a-Spot	Highland Park	Octapharma Plasma	Stephen	Newman	0	4	8	32	8	0
6/28/2022	Trail (near water)	Standard	Big Papio Trail - Pacific to Dodge	MCL Construction	Kristal	Cavanaugh	0	9	2	18	6	0
6/28/2022	Trail (no H2O)	Standard	144th Street Trail (Standing Bear to West Maple)	Quantum Workplace	Kim	Pramberg	0	7	2	14	4	3
6/29/2022	Neighborhood	Adopt-a-Spot	Victoria Reyes Daycare surroudings	Victoria Reyes Daycare	Victoria	Reyes	7	2	1	9	2	0
6/29/2022	Park (no H2O)	Adopt-a-Spot	Pepperwood Park	Angel Guardians Inc.	Jenna	Wilcox	0	12	1.5	18	3	0
7/1/2022	Neighborhood	Adopt-a-Spot	Sustainable Spaces	Trevor Saffle	Trevor	Saffle	0	1	0.2	0.2	0.25	0
7/1/2022	Roadside	Adopt-a-Spot	Alvine Engineering Adopted Corridors. 13th Street North of Interstate, Cass Street from 40-42 Street	Alvine Engineering	Maggie	Koenig	0	4	1	4	4	0
7/2/2022	Park (near water)	Adopt-a-Spot	Mandan Park	Friends of Mandan Park	Stephen	Bolgar	0	1	1.5	1.5	3	0
7/2/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	2	2	4	0
7/2/2022	Park (no H2O)	Adopt-a-Spot	Rockbrook Park/Towl Park	Rockbrook UMC	Marc	Welander	2	2	2	8	1	0
7/2/2022	Roadside	Adopt-a-Spot	72/Dodge	The Blue Bucket Project	Cindy	Tefft	0	1	4	4	5	0
7/3/2022	Park (near water)	Adopt-a-Spot	Mt. Vernon Gardens	Friends of Mandan Park	Stephen	Bolgar	0	1	1	1	1	0
7/3/2022	Park (near water)	Adopt-a-Spot	Crosskey Villages Park	Wegner Family	Ben	Wegner	2	1	2	6	1	0
7/3/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge #14 Prince Hall Masons	Jaret	Spearman	1	2	2	6	5	0
7/5/2022	Park (no H2O)	Adopt-a-Spot	Pepperwood Park	Angel Guardians Inc.	Jenna	Wilcox	0	15	1.5	22.5	4	1.5
7/5/2022	Roadside	Adopt-a-Spot	72/Dodge - 77/Dodge	The Blue Bucket Project	Cindy	Tefft	0	1	2	2	6	0
7/5/2022	Neighborhood	Individual-Service	West Bay Springs/Oakmont Green Spaces	Elaine Folchert	Elaine	Folchert	1	0	1.5	1.5	2	0
7/5/2022	Roadside	Individual-Service	28th/29th Harney/Dodge/Farnam	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	3	0
7/6/2022	Park (no H2O)	Adopt-a-Spot	Timber creek park	ILC-Millard	Booie	Manella	0	12	2	24	3	0
7/6/2022	Neighborhood	Standard	Hanscom Park and surrouding neighborhoods	Star Spangled Cleanup	Nicole	Partusch	4	16	2	40	28	0
7/7/2022	Trail (near water)	Adopt-a-Spot	West Papio Trail. Dodge to Pacific	Omaha Art Lending Library	Lawrence	Hernandez	0	1	2	2	1	4
7/8/2022	Roadside	Individual-Service	l480 and Cuming	Kaylin Withershins	Kaylin	Withershins	0	1	3	3	5	0
7/9/2022	Park (no H2O)	Adopt-a-Spot	Kountze Park	Anchor Lodge #14 Prince Hall FreeMason	Jaret	Spearman	1	1	2	4	3	0
7/9/2022	Park (no H2O)	Adopt-a-Spot	Maple Village Park	Gilman Family	Howard	Gilman	0	1	1.5	1.5	3	0
7/9/2022	Park (no H2O)	Adopt-a-Spot	Towl Park	Signature Performance	John	Scheneman	5	11	1	16	5	0
7/9/2022	Lake/Dam Site	Standard	Levi Carter Park	Conservation Nebraska	Candice	Teal	0	1	1	1	1	0
7/9/2022	Lake/Dam Site	Standard	Zorinsky Lake	Omaha's Henry Doorly Zoo	Caitlin	Leary	10	21	4	124	6	0
7/10/2022	Roadside	Adopt-a-Spot	13th Street Corridor	dusk goods and gifts	abby	massey	0	2	1	2	3	0

Attachment A
Storm Drain Marking

VOLUNTEERS												
Month of Service	Location Description [Starting Address/Area]	Organization	Vol. Coord. First Name	Vol. Coord. Last Name	# of Drains Marked	# of Drains Cleaned (already marked)	Total # of Youth Volunteers	Total # of Adult Volunteers	Hours for the Event	Total Volunteer Hours	Litter Bags (Trash & Recycling) Collected #	# of Door Hangers Distributed
March	Fair Acres / Memorial Park	Pi Kappa Alpha at UNO	Cooper	Simons	63	18	0	16	3	48	6	76
March	Spring Lake School	Spring Lake School			9	9	12	1	1	13	6	50
April	42nd and Spaulding	Nick Weindel	Nick	Weindel	17	0	0	6	1	6	1	24
April	168th and Dodge & 192nd and F St.	Isabella Kadavy	Isabella	Kadavy	69	0	2	0	4	8	0	30
April	42nd and Frederick	Modern Hire	My Ha (Mee-Ha)	Crowfoot	70	1	0	4	2	8	2	96
April	Millard Airport & 132nd and Westwood Ln.	Kylie Scott	Kylie	Scott	2	2	1	0	1	1	1	0
April	167 & Dodge/ 180th and Burke	Miss Nebraska Collegiate	Michaela	Edstrand	49	10	0	2	2.5	5	6	45
April	Westgate School surrounding neighborhoods	Girl Scout Troop 41744	Krista	Testin	11	3	9	3	2	24	0	20
April	30th and Ames (near Adams Park)	Olsson	Aaron	Johnson	68	6	0	8	1	8	8	2
April	33rd and Wirt	Caitlin Duncan	Caitlin	Duncan	15	31	1	0	4	4	0	50
May	28th and Hamilton	MCC Humanities Class	Josh	Ray	14	6	0	5	2	10	1	21
May	42nd and L (Hitchcock Park)	Papillion storm Chasers 10U Blue Baseball	Nicole	Wilson	33	21	10	8	2	36	5	107
May	18th and Martha	Castelar Elementary	Emily	Timm	12	4	4	1	2	10	2	125
May	near Hanscom Park	Union Pacific Emerging Leaders	Heather	Dworak	255	14	0	18	3	54	10	298
May	26th and Lake	Midwest Labs	Gabriel	Armas	22	9	0	1	4	4	0	0
June	Bluff View Park	Upward Bound	Erica	Julsen	37	13	40	5	2	4	4	89
June	72nd and Blondo	Core Bank	Jane	Ferneding	14	4	0	6	1	6	1	60
June	Mormon Trail Center	Nelson Mandela Elementary	Kwin	Kunkle	8	4	20	5	1	25	2	30
June	52nd and Blondo	E & A	Kendra	Nielsen	53	14	1	11	2	24	5	121
June	Bryan Park	Reinert Family	Amanda	Reinert	25	0	2	1	2	6	0	25
June	192nd and F	Werner Summer Interns	Cody	McGill	223	0	0	29	2.5	72.5	10	229
June	Brown Park	Upward Bound	Erica	Julsen	43	33	40	5	2	90	4	118
June	144th and Dodge	Carson Group	Jim	Anderson	66	10	2	9	2	22	3	55
June	Rock Glen Park	Medical Solutions	Lisa	Hoppe	13	5	0	6	2	12	1	30
June	28th and Craig Park	Methodist College	Nghia	Le	42	20	16	3	1	19	3	101
June	Pulaski Park	Methodist College	Nghia	Le	21	27	16	4	1	20	3	124
June	Crown Pointe Park	Methodist College	Nghia	Le	13	8	16	4	1	20	3	74
June	Somerset Park	Methodist College	Nghia	Le	12	0	14	3	1	17	3	24
July	60th and H	Joshua Roberts	Joshua	Roberts	40	0	1	0	2	2	0	13
July	120th and Q	Jennifer Kunschke	Jennifer	Kunschke	34	0	0	1	2	2	2	100
July	42nd and Hamilton, 65th and Lake	Sam Hanson	Sam	Hanson	67	10	1	0	8	8	2	79
July	LeBeau Park	Maine Family		100	25	5	2	1	3	9	3	50
July	60th and Pacific	Abigail Torrey	Abigail	Torrey	10	55	1	1	8	16	1	30
July	119th and Hickory Rd.	Metonic Real Estate Solutions	Sarah	Kocsis	19	0	0	4	4	16	1	38
July	Gifford Park	Nicole Partusch	Nicole	Partusch	4	0	0	2	0.5	1	0	5
August	156th and Harrison Black Elk Park	Waters Edge	Alan	Lindahl	32	0	2	7	4.5	40.5	1	100
August	Brown Park	Greater Omaha Packing	Thet	Oo	26	0	0	8	2	16	4	50
August	Lake Cunningham	Emma Krayneski	Emma	Krayneski	29	12	0	1	2	2	1	59
August	Creighton University	CU For and With Others	Emma	Gage	39	0	0	28	2	56	8	0
August	189th and Drexel	Aidan Wesener	Aidan	Wesener	87	4	1		15	15	1	75
August	Highway 31 and Fort Street	Aidan Wesener	Aidan	Wesener	122	0	1	0	13	13	1	25
August	Somerset Park	Jackson Drenth	Jackson	Drenth	35	9	0	4	2	8	2	131
September	Fontenelle Park	CSG	Leah	Bryant	250	26	1	20	5	105	14	566
September	Gallagher Park	Boy Scout Troop 558	Beth	Dawes	23	16	12	2	1		7	125
September	Gallagher Park	Boy Scout Troop 558	Beth	Dawes	30	11	12	2	2		8	145
September	156th and Fort	Hailee Anderson	Hailee	Anderson	40	5	2	1	2	6	1	12
September	West Center Rd. and 108th	Brenda Hatcher	Brenda	Hatcher	17	28	0	1	5	5	2	31
September	Lake Cunningham Ridge Neighborhood	Omaha Public Power District	Travis	Hoops	14	3	0	4	1	4	1	25
September	8660 Lake Cunningham Rd. 68122	Jewish Federation of Omaha	Sarah	Rasmussen	20	1	0	7	2	14	1	19
September	Center Park	Lifegate Christian School	Katie	Frankl	31	11	40	5	2	90	2	67
September	Cuming St. and Saddle Creek	Nebraska Spartans	Lindsey	Murante	18	24	0	4	2.5	10	2	80
October	168th and Maple	Alicia Hoffman	Alicia	Hoffman	122	0	1	1	12	24	0	140
October	Columbus Park	Mutual of Omaha	Cruz	Cabrera - Ortiz	158	3	0	11	2	22	1	258
October	UNMC Campus & Gifford Park neighborhood	UNMC	Wafaa	Aldhafiri	107	36	0	8	6	48	0	55
October	Zorinsky Lake	UNMC	Justin	Mueller	43	17	0	1	8	8	1	101
October	Elmwood Park/ 72nd and Jones	Community Alliance	Thomas	Hoden	56	0	0	10	6	60	1	35
October	Democracy Park	Jackson Drenth	Jackson	Drenth	16	35	0	6	2	12	1	62
October	Westwood Heights Park	Samantha Buckalew	Samantha	Buckalew	43	0	0	2	2	4	1	40
October	36th and Leavenworth and Dewey Park	Sadie Rich	Sadie	Rich	50	14	0	4	4	16	1	50
October	42nd and Vinton	Applied Underwriters	James	Cochrane	88	17	0	8	2.5	20	2	185
October	Spring Lake Park & Henry Doorly Zoo	Miss Nebraska Petite	Ivy	Drop	67	11	0	1	10	10	6	36
October	Memorial Park	Chris Thurston	Chris	Thurston	39	0	1	1	9	18	1	200
October	Crown Pointe Park	Jackson Drenth	Jackson	Drenth	39	0	0	4	2	8	1	108
October	Hanscom Park	Bellevue West High School	Jackson	Hall	35	0	1	0	1	1	0	30
					3154	625	285	324		1262	171	5149

Attachment A
Storm Drain Marking

Month of Service	Location Description [Starting Address/Area]	Organization	Vol. Coord. First Name	Vol. Coord. Last Name	# of Drains Marked	# of Drains Cleaned (already marked)	Total # of Youth Volunteers	Total # of Adult Volunteers	Hours for the Event	Total Volunteer Hours	Litter Bags (Trash & Recycling) Collected #	# of Door Hangers Distributed
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CONTRACTORS

Month of Service	OPW Number	Contractor/Company	Name	Name	Requested
April	OPW 53206 - 60th and Taylor	Roloff Construction	Brian	Sorensen	21
April	78th Street (Mercy to Pierce)	Tab Construction	Brian	Doerr	30
July	56th and Ruggles; 69th & Evans	Roloff Construction Co., Inc.	Brian	Sorenson	50
August	8th - 13th Street Douglas/Famam	Kiewit Infrastructure	Charles	Lebaron	15
September	120th and Maple	Tab Construction			55
					171

Attachment B

Attachment B
Inventory of Outreach Materials

Official Name to Use	Title on Piece	Residential	Commercial	Construction	Industry	Developed by
Landscape Brochure	<i>Keep It Clean On Your Golf Course or Landscape Projects!</i>	X	X			OSW
Stormwater & Dust Control Brochure	<i>Stormwater & Dust Control</i>	X	X	X		OSW
Water Pollution Brochure	<i>Water Pollution Comes In Many Forms</i>	X	X	X		OSW
Rain Barrel Brochure	<i>Building A Rain Barrel</i>	X	X			OSW
Storm Drain Awareness Brochure	<i>Keeping Pollution Out Of Our Storm Drains</i>	X	X			OSW
Concrete Brochure	<i>Best Management Practices for Concrete Masonry and Ready Mix Professionals</i>				X	OSW
Pressurewashing Brochure	<i>Take Some Pressure Off Our Environment</i>				X	OSW
Metal Fabrication Brochure	<i>Shape Your Plans to Control Wastewater</i>				X	OSW
Proper Paint Disposal Brochure	<i>Know Your Role In Protecting The Environment</i>	X	X			OSW
Restaurant Brochure	<i>Keep It Clean At Your Restaurant!</i>		X			OSW
Outdoor Event Brochure	<i>Keep It Clean At Your Outdoor Event!</i>		X			OSW
LUPs Brochure	<i>Linear Underground Projects & Stormwater Best Management Practices</i>			X	X	OSW
10 Important Things Flyer	<i>10 Important Things To Remember On The Job Site</i>		X	X		OSW
Pet Waste Flyer	<i>Some Things Are Better Not Left Behind!</i>	X				OSW
Rain Garden Fact Sheet	<i>Rain Gardens</i>	X				OSW
Bioretention Garden Fact Sheet	<i>Bioretention Systems</i>		X			OSW
Bioswale Fact Sheet	<i>Bioswales and Filter Strips</i>		X			OSW
Green Roof Fact Sheet	<i>Green Roofs</i>	X				OSW
Downspout Disconnection Fact Sheet	<i>Downspout Disconnections</i>	X				OSW
Permeable Pavement Fact Sheet	<i>Permeable Pavement</i>		X	X		OSW
Rain Harvesting Fact Sheet	<i>Rain Harvesting</i>	X				OSW
Soil Conditioning Fact Sheet	<i>Soil Conditioning</i>					OSW
Storm Drain Fact Sheet	<i>Storm Drain</i>					
Bioretention Manual	<i>Bioretention Gardens</i>		X	X		OSW
Sustainable Landscapes Manual	<i>Sustainable Landscapes</i>		X	X		OSW
OmahaPlants.com Postcard	<i>Omahaplants.org</i>	X	X	X		OSW
Grass Clipping Door Hanger	<i>Properly Dispose of Grass Clippings and Yardwaste</i>	X	X			OSW
Rain Barrel Door Hanger	<i>Omaha's Rain Barrel Program</i>	X				OSW
OSW Frisbees		X				OSW
Pet Waste Bag Dispensers		X				OSW
WOW! Activity Books	<i>WOW! Activity Books</i>	X				OSW
WOW! Crayon Boxes	<i>WOW! Crayon Boxes</i>	X				OSW
City of Omaha Environmental Field Guide	<i>City of Omaha Environmental Field Guide</i>		X	X		CSO
Automotive UTS		X		X		SW/Recycling
Guide to HHW		X				SW/Recycling
Housing Dangerous Products		X				SW/Recycling
How to Discard Your Unused Medications		X				SW/Recycling

Attachment B
Inventory of Outreach Materials

Official Name to Use	Title on Piece	Residential	Commercial	Construction	Industry	Developed by
OmaGro		X	X	X		SW/Recycling
Used Motor Oil, Tires, etc.		X				SW/Recycling
Pollution Sources Around Your House		X				SW/Recycling
Prepare Yourself for UTS		X				SW/Recycling
Recycling Paint UTS		X				SW/Recycling
Illegal Dumping		X				SW/Recycling
Get the Point (Medical HHW)		X				SW/Recycling
UTS Drop-off Locations		X				SW/Recycling
Proper Paint Disposal		X				SW/Recycling
Clean Water Team Certificate	<i>Clean Water Team Certificate</i>	X				OSW
Little Steps. Big Impact. Brochure		X				OAQ
Little Steps. Big Impact. Index Card		X				OAQ
Sediment & Erosion Control (SEC) Field Guide				X		OSW
World O! Water patches		X				OSW
Inlet Marking Door Hanger	<i>Only Rain Down the Storm Drain</i>	X				KOB
Sector A - Timber Products	Sector A - Timber Products				X	OSW
Sector AA - Fabricated Metal Products	Sector AA - Fabricated Metal Products				X	OSW
Sector AB - Industrial Machinery and Auto Repair	Sector AB - Industrial Machinery and Auto Repair				X	OSW
Sector AC - Eletrical Photographic and Optical Goods	Sector AC - Eletrical Photographic and Optical Goods				X	OSW
Sector B - Paper and Allied Products	Sector B - Paper and Allied Products				X	OSW
Sector C - Chemical and Allied Products	Sector C - Chemical and Allied Products				X	OSW
Sector D - Asphalt Paving and Roofing	Sector D - Asphalt Paving and Roofing				X	OSW
Sector E - Glass, Clay, Cement, and Gypsum	Sector E - Glass, Clay, Cement, and Gypsum				X	OSW
Sector F - Primary Metals	Sector F - Primary Metals				X	OSW
Sector J - Mineral Mining and Dressing	Sector J - Mineral Mining and Dressing				X	OSW
Sector K - Hazardous Waste Treatment, Storage, and Disposal Facilities	Sector K - Hazardous Waste Treatment, Storage, and Disposal Facilities				X	OSW
Sector M - Automotive Salvage Yards	Sector M - Automotive Salvage Yards				X	OSW
Sector N - Scrap Recycling	Sector N - Scrap Recycling				X	OSW
Sector O - Steam Electric Generating Facilities	Sector O - Steam Electric Generating Facilities				X	OSW
Sector P - Land Transportation and Warehouse	Sector P - Land Transportation and Warehouse				X	OSW
Sector R - Ship and Boat Building	Sector R - Ship and Boat Building				X	OSW
Sector S - Air Transportation Facilities	Sector S - Air Transportation Facilities				X	OSW
Sector U - Food and Kindred Products	Sector U - Food and Kindred Products				X	OSW
Sector W - Furniture and Fixtures	Sector W - Furniture and Fixtures				X	OSW
Sector X - Printing and Publishing	Sector X - Printing and Publishing				X	OSW
Sector Y - Rubber, Misc Plastics Industries	Sector Y - Rubber, Misc Plastics Industries				X	OSW
Sector Z - Leather Tanning and Finishing	Sector Z - Leather Tanning and Finishing				X	OSW

Attachment B
Inventory of Outreach Materials

Official Name to Use	Title on Piece	Residential	Commercial	Construction	Industry	Developed by
Creighton Prep Final 11-9-2017	Creighton Prep Project Fact Sheet	X	X			OSW
UNO Final 4-24-18	UNO Project Fact Sheet	X	X			OSW
Rockbrook_Prairie Lane Park Final 4-18-18	Rockbrook_Prairie Lane Park Project Fact Sheet	X	X			OSW
Dundee Final 11-7-17	Dundee Project Fact Sheet	X	X			OSW
Saddlebrook Final 4-24-18	Saddlebrook Project Fact Sheet	X	X			OSW
Florence Streetscape Final 4-18-18	Florence Streetscape Project Fact Sheet	X	X			OSW
UTS Final 4-18-18	UTS Project Fact Sheet	X	X			OSW
Orchard Park Final 10-27-2017	Orchard Park Project Fact Sheet	X	X			OSW
58th and Maple St Final 10-27-2017	58th and Maple St Project Fact Sheet	X	X			OSW
50th & Pine Final 11-9-2017	50th & Pine Project Fact Sheet	X	X			OSW
Saddle Hills Final 10-27-2017	Saddle Hills Project Fact Sheet	X				OSW
Urban Waters Fact sheet Nebraska	Urban Waters Fact Project Fact Sheet	X				OSW
Country Club Final 10-27-2017	Country Club Project Fact Sheet	X	X			OSW
Elmwood Park Diversion Project Sheet FINAL11-28-2017	Elmwood Park Diversion Project Fact Sheet	X	X			OSW
Hillsdale Swale Final 4-24-18	Hillsdale Swale Project Fact Sheet		X			OSW
Adams Park Final 4-24-18	Adams Park Project Fact Sheet		X			OSW
Douglas Streetscape Final 4-18-18	Douglas Streetscape Project Fact Sheet		X			OSW
SOIA Final 4-18-18	SOIA Project Fact Sheet	X				OSW
SE Precinct Final 4-24-18	SE Precinct Project Fact Sheet		X			OSW
Zorinsky FINAL 11-30-17	Zorinsky Project Fact Sheet	X	X			OSW
Spring Lake Project Sheet FINAL 11-9-17	Spring Lake Project Sheet Project Fact Sheet		X			OSW
Fontenelle Park Final 11-7-17	Fontenelle Park Project Fact Sheet	X				OSW
24th St Bioretention Final 10-27-2017	24th St Bioretention Project Fact Sheet	X				OSW
VIL Final 10-27-2017	VIL Project Fact Sheet		X			OSW
OPS GI BuyIn Guide Final	Omaha Public Schools Green Infrastructure Buy-In Guide	X				OSW
GI Education Package final	Green Infrastructure Education Package	X				OSW
Middle School Standards 12-18-17	GI	X				OSW
High School Standards 12-18-17	High School Science and Mathematics Standards for GI	X				OSW
Elementary School Standards 12-18-17	Elementary School Science and Mathematics Standards for GI	X				OSW
GI Industry Fact Sheet 12-12-17	Green Infrastructure Industry Fact Sheet	X				OSW
High School Lesson Plans	High School Example Lesson Plans	X				OSW
Elementary School Lesson Plans	Elementary School Example Lesson Plans	X				OSW
Middle School Lesson Plans	Middle School Example Lesson Plans	X				OSW

OSW - Omaha Stormwater Program	OAQ - Omaha Air Quality Program
CSO-Omaha CSO Program	SW/Recycling - Omaha Solid Waste & Recycling Programs
KOB-Keep Omaha Beautiful	

Attachment C

Attachment C - Summary of Changes to Grading Permit Terms & Conditions

THE PApILLION CREEK WATERSHED PARTNERSHIP (PCWP)

<http://www.omahapermix.com>



PCWP Grading Permit Update

The PCWP Grading Permit Terms and Conditions have been updated to be consistent with the Nebraska Department of Environment and Energy (NDEE) Construction Stormwater (CSW) Permit NER910000 issued December 1st, 2021. For more information about the NDEE CSW Permit, please visit <http://deq.ne.gov/Publications/pages/WAT012>. The updated Grading Permit Terms and Conditions will become effective November 14th, 2022.

The PCWP Grading Permit is largely unchanged from the previous version, but the following list is a summary of updates made to be consistent with NDEE's CSW NER910000.

- Inspection frequencies, excluding nonbusiness hours, for Stages 1-3 and Winter have been updated to the following:
 - Stage 1 sites will be weekly Site Inspections with no more than 7 calendar days between Site Inspections. No rain event inspection.
 - Stage 2 will be every other week (14 days) Site Inspections and within 24 hours of a storm event equal to or greater than 0.25 inches
 - Stage 3 will be monthly Site Inspections and within 24 hours of a storm event equal to or greater than 0.25 inches
 - Winter Stage will be monthly Site Inspections and within 24 hours of a storm event equal to or greater than 0.25 inches. Winter Stage remains for approved sites from December 1st to March 1st.
 - See pages 12-15 of the PCWP Grading Permit Terms and Conditions.
 - **To update a project's inspection frequency**, the Narrative must be updated to note the new inspection frequency and uploaded to Permixon under the file type "SWPPP Narrative – MODIFICATION".

- Final Stabilization definition has been updated to the following:
 - a. All soil disturbing construction activity has been completed;
 - b. A uniform perennial vegetative cover with a minimum density of 70 percent of the native background vegetative cover, has been established on all non-impervious surfaces and areas not covered by permanent structures unless equivalent permanent stabilization (such as riprap, gabions, and geotextiles) measures have been employed;
 - c. All permanent drainages, constructed to drain water from the site, has been stabilized to prevent erosion;

- d. All temporary erosion protection and sediment control BMPs have been removed without compromising the permanent erosion protection and sediment control BMPs;
 - e. All sediment build-up has been removed from conveyances and basins that are to be used as permanent water quality management BMPs. The cleanout of permanent basins used as temporary BMPs during construction shall be sufficient to return the basin to design capacity;
 - f. Responsibility for long-term maintenance of permanent BMPs have been assigned;
 - g. Construction activity conducted on or through agricultural or silvicultural land shall be considered finally stabilized upon return to the preexisting agriculture or silviculture use; and
 - h. Construction activity conducted at new or industrial facilities that will operate the site in an exposed manner (such as limestone mining and solid waste landfills) shall be considered finally stabilized upon commencement of industrial activity consistent with the industrial use and coverage under the appropriate NPDES permit for industrial storm water.
 - i. All documents required for the Post Construction Stormwater Management Plan (PCSMP) have been submitted and approved including, but not limited to, the BMP Maintenance Certification, Maintenance and Easement Agreement, and As-Built Plans. (Only for projects where the PCSMP is applicable)
- Ongoing Permitted Projects
 - No new application is required when the Grading Permit Terms and Conditions are updated. The SWPPP must be updated to meet the current Grading Permit Terms and Conditions when a Grading Permit Modification is made. When a new NDEE Construction Stormwater (CSW) Permit is issued, the new NOI and Authorization Letter, if applicable, must be submitted to Permixon when received.

The PCWP Grading Permit associated documents such as the SWPPP Site Map Preparation Guide have also been updated to capture minor updates such as changing NDEQ to NDEE. The SWPPP Narrative Template has also been updated to clarify certain sections and provide some additional space for responses.

Please review the updated Grading Permit Terms and Conditions and begin utilizing the updated documents as needed going forward. If there are any questions or comments, please contact Andy Szatko at 402-444-5213 or Andy.Szatko@cityofomaha.org.

GRADING PERMIT TERMS & CONDITIONS 2022 UPDATE STAKEHOLDER MEETING

Location: P-MRNRD Chalco Offices

Date: 9/22/2022 10:00 am

Name	Organization	Phone	Email
KENNEDY MORONG	TERRACON	402-680-3891	kennedy.morong@terracon.com
Dan Freshman	City of Ralston	402-331-6677	dfreshman@cityofralston.com
OTTO FISHER	TD2	402 677-5776	ofisher@TD2co.com
GARY A. HANSON	HDR	402-392-8697	gary.hanson@hdr.com
Jim Kee	City of Omaha	402 444 3709	James.Kee@cityofomaha.org
Heaven Davis	City of Omaha	402-444-3915	heaven.davis@cityofomaha.org
Sumantha Mckee	Olsson	916-214-1357	smckee@olsson.com
Josh Hanson	Olsson	402 913-242-0685	jhanson@olsson.com
Christopher Anderson	City of Omaha	402-444-3915	christopher.anderson@cityofomaha.org
Garrett Lane	City of Papillion	303 482 6530	glane@papillion.org
SELMA KESSLER	CITY OF OMAHA	402 444 3915 X1123	SELMA.KESSLER@CITYOFOMAHA.ORG
DEREK GOFF	CITY OF PAPILLION	402-829-1320	dgoff@papillion.org
ALEX EVANS	CITY OF PAPILLION	402-597-2044	aevans@papillion.org
Terry Morrison	Elmhurst Griffin & Assoc.	402-561-9305	tmorrison@elmhurstgriffin.com

GRADING PERMIT TERMS & CONDITIONS 2022 UPDATE STAKEHOLDER MEETING

Location: P-MRNRD Chalco Offices

Date: 9/22/2022 10:00 am

Name	Organization	Phone	Email
Jason Kubic	Sovereign Plumbing	402-960-4004 593-1556	jkubic@jandys.com
Garrett Delgado	La Vista Public Works	402-515-4630	gdelgado@cityoflavista.org
PAT DeWitt	LA Vista PWR	402-731-5927	pdewitt@cityoflavista.org
Tyson Smith	Camp Ryanson	402-598-5621	Tyson.Smith@CampRyanson.com
Shawn Taylor	Camp Ryanson	402-496-2498	Shawn.Taylor@CampRyanson.com
Tom Wells	Camp Ryanson	402-496-2498	Tom.Wells@CampRyanson.com
Zack Tilk	ETA Consulting Group, Inc	402-895-4700	ztilk@ecg.com
Patrick Sechser	ETA Consulting Group, Inc	402-714-2821	psechser@ETAC.com
Lana Bayless	DLR Group	402-972-4040	lbayless@dlrgroup.com
Julie Dopen	DLR	402-443-7483	jdopen@jdo.com
Andy Szabo	City of Omaha	402-444-5213	Andy.Szabo@cityofomaha.org

Attachment D

Attachment D

Grading Permit Summary Report										
Report generated 2/15/2023 12:07 pm										
Reporting Period: 1/1/2022 through 12/31/2022										
Report ran by Chris Anderson										
Jurisdiction	Active Permits	Permits Issued	Phase 1 Permits Issued	Phase 2 Permits Issued	Site Inspections Submitted	Phase 1 Site Inspections Submitted	Phase 2 Site Inspections Submitted	City Inspections Submitted	Phase 1 City Inspections Submitted	Phase 2 City Inspections Submitted
Bellevue	66	11	5	6	1,229	929	300	177	131	46
Bennington	-	-	-	-	-	-	-	-	-	-
Boys Town	-	-	-	-	-	-	-	-	-	-
Gretna	89	22	14	8	1,838	1,404	434	335	205	130
Douglas County	10	1	-	1	17	17	-	-	-	-
La Vista	32	5	1	4	626	365	261	83	41	42
Omaha	573	106	32	74	12,345	7,628	4,717	1,110	677	433
Papillion	126	21	10	11	2,881	2,224	657	471	365	106
Ralston	3	2	1	1	39	3	36	2	-	2
Sarpy	55	1	1	-	1,398	1,090	308	196	120	76
Springfield	9	2	2	-	326	326	-	72	72	-
TOTAL	963	171	66	105	20,699	13,986	6,713	2,446	1,611	835

Attachment E

Attachment E

Grading Permit Enforcement Summary Report															
Report generated 2/15/2023 11:58 am															
Reporting Period: 1/1/2022 through 12/31/2022															
Report ran by Chris Anderson															
jurisdiction	Inspection RVC's	Recommended RVC	Recommended LOW	Recommended NOV	Recommended NOV w/Fine	Total Enforcement Actions	No action	RVC	RFI	LOW	NOV	NOV w/Fine	SEP	fines	SEP value
Bellevue	33	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -
Bennington	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -
Boys Town	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -
Gretna	86	4	1	0	2	7	0	4	0	1	0	2	0	\$ -	\$ -
La Vista	4	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -
Omaha	122	0	4	1	0	7	0	0	2	4	1	0	0	\$ -	\$ -
Papillion	74	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -
Ralston	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -
Sarpy	38	0	1	0	0	1	0	0	0	1	0	0	0	\$ -	\$ -
Springfield	15	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -
TOTAL	372	4	6	1	2	15	0	4	2	6	1	2	0	\$ -	\$ -
This summarizes City Inspection Reports that have noted that Request for Voluntary Compliance is recommended for the site, Column B															
Also summarizes Enforcement Actions in the enforcement module of a given project. Columns C & on. Only Omaha is currently utilizing this aspect of Permix															

Attachment F

Annual
Stormwater
Inspections
REPORT



**Southern Sarpy Watershed Partnership
JEO Stormwater Inspections 2022 Annual Report**

JEO PROJECT NUMBER: 191689.01

January 2023



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INTRODUCTION

Background

JEO Consulting Group, Inc. was retained by the Papio-Missouri River Natural Resource District to complete construction stormwater inspections for the Southern Sarpy Watershed Partnership (Partnership).

The Partnership includes the jurisdictions of Bellevue, Gretna, Papillion, Sarpy County, and Springfield, which are covered under *General NPDES Permit Number NER220000 Authorizing Stormwater Discharges to the Waters of the State from Small Municipal Separate Storm Sewer Systems Located in Douglas and Sarpy Counties in the State of Nebraska*. The permit was issued by the Nebraska Department of Environment and Energy (NDEE) on July 1, 2017, and expired June 30, 2022. The permit has not been reissued as of January 2023.



Objective

The primary objective of this project is to oversee construction sites with an active Grading Permit in zoning jurisdictions of Southern Sarpy Watershed Partnership communities, as required by their Municipal Separate Storm Sewer System (MS4) permit. This work includes the following tasks.

- Updating the ArcGIS Online SSWP Grading Permits Map as projects are assigned to JEO for inspection.
- Becoming familiar with the Stormwater Pollution Prevention Plan for each site.
- Reviewing inspection reports submitted to Permixon by the project inspector.
- Completing construction stormwater site inspections using Permixon software.
- Submit monthly summaries of site inspection data and compliance status.
- Recommend the appropriate action if any violations occur.
- Complete an Annual Report of site inspection data.

Completion of these tasks by JEO will fulfill partial requirements of NPDES Permit No. NER220000 Part IV.B.3., Construction Requirements and Control Measures (Minimum Control Measure 4).

CONSTRUCTION SITE OVERSIGHT

Inspector Qualifications

NPDES Permit No. NER220000 Part IV.B.3.d.2 states that the permittee must provide trained and qualified inspectors for municipal inspections. JEO has qualified inspectors, featured below, with the appropriate certification and experience in erosion and sediment control practices to complete stormwater inspections for the Partnership. This permit requirement has been fulfilled.

RYAN JOE

Ryan has five years of experience in completing stormwater inspections for permitted sites in Nebraska, and is certified through the Nebraska DOT Stormwater Inspection Certification Program.

ZACH CUNNINGHAM

Zach has nine years of experience in completing stormwater inspections for permitted sites in Nebraska, and is certified through the Nebraska DOT Stormwater Inspection Certification Program.

MARK POMAJZL

Mark has ten years of experience in completing stormwater inspections for permitted sites in Nebraska, and is certified through the Nebraska DOT Stormwater Inspection Certification Program and the Stormwater One Qualified Compliance Inspector of Stormwater Program.

REBEKAH SIMMONS

Rebekah has one year of experience in completing stormwater inspections for permitted sites in Nebraska, and is certified through the Nebraska DOT Stormwater Inspection Certification Program.

Inspection Process

NPDES Permit No. NER220000 Part IV.B.3.d.1 requires the MS4 communities to inspect public and private construction activity. JEO utilizes the City of Omaha Grading Permit Inspection Strategy and the Omaha Environmental Enforcement Manual inspection guidelines in completing oversight inspections. The role of the oversight inspector is to review inspection reports submitted by the project inspector for completeness and accuracy, and to conduct site inspections to ensure all pollution prevention measures needed and shown on the SWPPP and within the limits of construction have been installed and are being maintained appropriately. Additionally, the inspector visually observes and documents non-stormwater discharges or potential sources of pollutants, and the receiving stream for indicators of illicit discharge.

Oversight inspectors submit their reports through the Permix grading permit portal. Any necessary corrective actions are documented within the inspection report.

The frequency of oversight inspections is based on the stage of construction and is outlined in the table below.

Stage	Stage Requirements	Oversight Inspection Frequency
Stage 1	Sites that do not qualify for Stage 2, 3 or 4.	Once per month
Stage 2	BMPs are installed and functioning properly, reports are current, and vegetative ground cover has been fully established.	Every other month
Stage 3	Compliance with Stage 2 requirements, and all public improvements have been installed.	Quarterly
Stage 4 /Winter	Compliance with Stage 1 requirements, BMPs are installed and functioning properly, stabilization measures have been implemented in areas of environmental sensitivity and high erosion potential, heavy equipment has ceased or is limited, and runoff is unlikely due to winter conditions.	Quarterly

INSPECTION DATA

ALL JURISDICTIONS

JEO completed a total of 496 oversight inspections and submitted one Permix report per site inspection for a total of 60 construction sites, and reviewed and approved 1,675 project inspection reports between January 1, 2022, and December 31, 2022 for all jurisdictions.

BELLEVUE

JEO completed a total of 37 oversight inspections and submitted one Permix report per site inspection for a total of four construction sites, and reviewed and approved 143 project inspection reports between January 1, 2022, and December 31, 2022 for the City of Bellevue.

GRETNA

JEO completed a total of 214 oversight inspections and submitted one Permix report per site inspection for a total of 25 construction sites, and reviewed and approved 728 project inspection reports between January 1, 2022, and December 31, 2022 for the City of Gretna.

PAPILLION

JEO completed a total of 68 oversight inspections and submitted one Permix report per site inspection for a total of eight construction sites, and reviewed and approved 264 project inspection reports between January 1, 2022, and December 31, 2022 for the City of Papillion.

SARPY COUNTY

JEO completed a total of 106 oversight inspections and submitted one Permix report per site inspection for a total of 15 construction sites, and reviewed and approved 210 project inspection reports between January 1, 2022, and December 31, 2022 for Sarpy County.

SPRINGFIELD

JEO completed a total of 71 oversight inspections and submitted one Permix report per site inspection for a total of eight construction sites, and reviewed and approved 330 project inspection reports between January 1, 2022, and December 31, 2022 for the City of Springfield.

ENFORCEMENT ACTION RECOMMENDATIONS

The following sites were recommended for enforcement action in 2022.

BELLEVUE

Site Name	Permit No.	Recommended Enforcement Actions (total)
Alta Collina	BEL-20200922-5295-GP1	3
Lions Gate	BEL-20170327-3778-GP1	8

GRETNA

Site Name	Permit No.	Recommended Enforcement Actions (total)
Gretna Logistics Park	GRE-20211130-6224-GP1	1
Heimes HWY-31 Site	GRE-20201223-5719-GP1	1
Lincoln Ridge	GRE-20210519-5303-GP1	4
Harvest Creek	GRE-20220225-6331-GP1	5
Lot 16 Midwest Poured Walls, Inc. Commercial Building	GRE-20210526-5962-GP2	2
Patriot Steel	GRE-20210504-5912-GP2	8
Ty's Outdoor Building #3	GRE-20220204-6304-GP2	3

PAPILLION

Site Name	Permit No.	Recommended Enforcement Actions (total)
R&R Commerce Park South	PAP-20200409-5362-GP1	1

SARPY COUNTY

Site Name	Permit No.	Recommended Enforcement Actions (total)
Greenstone Farms	SAR-20170227-3987-GP1	1
Jensen Gardens	SAR-20190208-4882-GP1	12
C-77(20-16) Riha Road Drainage Improvements	SAR-20200529-5469-GP2	10
230 th and Capehart Road – BNSF Railroad Crossing, C-88(14-3)	SAR-20201202-5691-GP2	11
Mosher Property	SAR-20201015-5646-GP2	9

SPRINGFIELD

Site Name	Permit No.	Recommended Enforcement Actions (total)
Springfield Commerce, Lot 4	SPR-20210720-6047-GP1	1
Springfield Creek Interceptor Sewer, CWB Sewer, and CWB Equalization Basin	SPR-20210706-6025-GP1	4

Attachment G

Attachment G

PCSMP Summary Report					
Report generated 2/15/2023 11:50 am					
Reporting Period: 1/1/2022 through 12/31/2022					
Report ran by Chris Anderson					
Jurisdiction	Applications	Active Projects	Documents	Construction	Projects Certified
Bellevue	0	42	36	6	1
Bennington	0	0	0	0	0
Boys Town	0	0	0	0	0
Douglas County	0	3	2	1	0
Gretna	0	61	39	22	8
La Vista	2	36	21	15	4
Omaha	4	578	390	188	87
Papillion	0	96	38	58	16
Ralston	0	6	3	3	2
Sarpy	1	39	25	14	3
Springfield	1	1	1	0	0
TOTAL	8	862	555	307	121

Attachment H

Attachment H
PCSMP List of Certified BMPs

PCSMP Number	Project name	Applicant Firm Name	Design Firm Name	Stage	Certification Date	BMP Type	BMP Ownership
BEL-20180917-4715-P	Wolf Creek Apartments	-2	Thompson, Dreessen & Dorner, Inc.	Certified	Sep 16 2022	Bioretention System	Private
GRE-20130607-850-P	Lot 3, Gretna Business Park Replat 1	Thompson, Dreessen & Dorner, Inc.	Thompson, Dreessen & Dorner, Inc.	Certified	Jun 21 2022	Other (flow-based)	Private
GRE-20210526-5962-P	Lot 16 Midwest Poured Walls, Inc. Commercial Building	Midwest Poured Walls	Olsson (Lincoln)	Certified	Feb 16 2022	Extended Dry Detention Basin	Private
GRE-20211222-6237-P	Gretna Elementary School #8	Gretna Public Schools	DLR Group	Certified	Apr 11 2022	Bioretention System	Private
LAV-20110527-254-P	Orchards at Wildewood	E&A Consulting Group, Inc.	E&A Consulting Group, Inc.	Certified	Sep 02 2022	Extended Dry Detention Basin	Public
OMA-20110211-161-P	42nd & 'V' Street OPS Elementary School	Ehrhart Griffin and Associates	Ehrhart Griffin and Associates	Certified	Sep 15 2022	Other (volume-based)	Private
OMA-20110211-161-P	42nd & 'V' Street OPS Elementary School	Ehrhart Griffin and Associates	Ehrhart Griffin and Associates	Certified	Jul 29 2022	Extended Dry Detention Basin	Private
OMA-20110211-161-P	42nd & 'V' Street OPS Elementary School	Ehrhart Griffin and Associates	Ehrhart Griffin and Associates	Certified	Aug 02 2022	Rain Garden	Private
OMA-20110211-161-P	42nd & 'V' Street OPS Elementary School	Ehrhart Griffin and Associates	Ehrhart Griffin and Associates	Certified	Oct 04 2022	Retention Wet Ponds	Private
OMA-20110825-368-P	One World Livestock Exchange Campus Expansion	Ehrhart Griffin and Associates	Ehrhart Griffin and Associates	Certified	Sep 16 2022	Retention Wet Ponds	Private
OMA-20140224-960-P	DJ's Dugout	Lanoha Development Company	Thompson, Dreessen & Dorner, Inc.	Certified	May 26 2022	Extended Dry Detention Basin	Public
OMA-20151013-3298-P	Highlander Townhomes	Brinshore Development, LLC	Ehrhart Griffin and Associates	Certified	Jan 28 2022	Extended Dry Detention Basin	Private
OMA-20151208-3355-P	KINDERCARE - Lot 6 Pepperwood Village	Pepperwood Village LLC	Kirkham Michael	Certified	Apr 28 2022	Bioretention System	Private
OMA-20151208-3385-P	QLI Stormwater Pond	Quality Living Inc	Leo A. Daly	Certified	Sep 16 2022	Roof Drain Filters	Private
OMA-20160602-3603-P	Ralston Creek Crossing	Builders Supply Company Inc.	Lamp Rynearson and Associates Inc	Certified	Sep 16 2022	Roof Drain Filters	Private
OMA-20160622-3653-P	NP Dodge - 108 Dodge Parking Lot Revisions	NP Dodge Company	Lamp Rynearson and Associates Inc	Certified	Sep 16 2022	Extended Dry Detention Basin	Private
OMA-20161013-3816-P	Education Building & Children's Zoo	Omaha's Henry Doorly Zoo & Aquarium	DLR Group	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20161013-3816-P	Education Building & Children's Zoo	Omaha's Henry Doorly Zoo & Aquarium	DLR Group	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20161014-3822-P	72nd and Blondo McDonald's	McDonald's USA, Inc	Kimley-Horn and Associates, Inc.	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20161014-3822-P	72nd and Blondo McDonald's	McDonald's USA, Inc	Kimley-Horn and Associates, Inc.	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20161014-3832-P	T.J. MAXX/HOMEGOODS	Thompson, Dreessen & Dorner, Inc.	Thompson, Dreessen & Dorner, Inc.	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20161018-3655-P	Farm Credit Services of America Carol Building Parking Lot	Farm Credit Services of America	Clark Enersen Partners	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20161018-3655-P	Farm Credit Services of America Carol Building Parking Lot	Farm Credit Services of America	Clark Enersen Partners	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20161018-3655-P	Farm Credit Services of America Carol Building Parking Lot	Farm Credit Services of America	Clark Enersen Partners	Certified	Oct 12 2022	Soil Conditioning	Private
OMA-20170306-3981-P	Sagewood Pointe	Celebrity Homes Inc.	Lamp Rynearson and Associates Inc	Certified	Nov 21 2022	Extended Dry Detention Basin	Private
OMA-20170306-3981-P	Sagewood Pointe	Celebrity Homes Inc.	Lamp Rynearson and Associates Inc	Certified	Nov 21 2022	Extended Dry Detention Basin	Private
OMA-20170306-3997-P	Metro Stars Gymnastics Addition	Pelster Construction	R.W. Engineering & Surveying, Inc.	Certified	Nov 21 2022	Extended Dry Detention Basin	Private

Attachment H
PCSMP List of Certified BMPs

PCSMP Number	Project name	Applicant Firm Name	Design Firm Name	Stage	Certification Date	BMP Type	BMP Ownership
OMA-20170306-4002-P	OPW 52257 and OPW 52881 42nd and Q St. CSO Project	City of Omaha Public Works - Design Division	Gonzalez Companies, LLC	Certified	Nov 21 2022	Extended Dry Detention Basin	Private
OMA-20170526-4102-P	College of St. Mary Parking Lot	College of Saint Mary	Ehrhart Griffin and Associates	Certified	Nov 04 2022	Other (volume-based)	Private
OMA-20180130-4441-P	OPS Boyd Elementary	Omaha Public Schools	Ehrhart Griffin and Associates	Certified	Sep 20 2022	Bioretention System	Private
OMA-20180131-4442-P	Creighton Women's Practice Facility	Creighton University	Leo A. Daly	Certified	Sep 20 2022	Extended Dry Detention Basin	Private
OMA-20180306-4285-P	Omaha's Henry Doorly Zoo & Aquarium - Carousel Plaza	Omaha's Henry Doorly Zoo & Aquarium	Lamp Rynearson and Associates Inc	Certified	Aug 03 2022	Bioretention System	Private
OMA-20180307-4419-P	Dahlman Rows	Dahlman Rows, LLC	E&A Consulting Group, Inc.	Certified	Aug 03 2022	Bioretention System	Private
OMA-20180308-4077-P	Westbrook Elementary School Addition	Westside Community Schools	Lamp Rynearson and Associates Inc	Certified	Aug 03 2022	Extended Dry Detention Basin	Private
OMA-20180308-4077-P	Westbrook Elementary School Addition	Westside Community Schools	Lamp Rynearson and Associates Inc	Certified	Aug 03 2022	Subsurface Storage	Private
OMA-20180308-4476-P	UNO Biomechanics Research Building Addition	University of Nebraska at Omaha	Schemmer Associates	Certified	Aug 03 2022	Subsurface Storage	Private
OMA-20180308-4476-P	UNO Biomechanics Research Building Addition	University of Nebraska at Omaha	Schemmer Associates	Certified	Aug 03 2022	Subsurface Storage	Private
OMA-20180309-4341-P	Bluestone Saddle Creek Apartments	Saddlecreek 1011 LLC	Lamp Rynearson and Associates Inc	Certified	Aug 03 2022	Other (flow-based)	Private
OMA-20180313-4479-P	SID 6880: 164th St. - Poppleton Ave. to Peterson Dr.	City of Omaha Public Works - Construction Division	E&A Consulting Group, Inc.	Certified	Aug 03 2022	Other (flow-based)	Private
OMA-20180314-4364-P	132nd Street and W. Center Road Intersection Improvements	City of Omaha Public Works - Design Division	City of Omaha Public Works - EQCD	Certified	Aug 03 2022	Other (flow-based)	Private
OMA-20181004-4724-P	10th and Pierce St. Apartments	Avanti Group LLC	Thompson, Dreessen & Dorner, Inc.	Certified	Jul 20 2022	Extended Dry Detention Basin	Private
OMA-20190212-4886-P	Quin Global Headquarters - Grading	Quin Global US Inc.	Thompson, Dreessen & Dorner, Inc.	Certified	Apr 13 2022	Extended Dry Detention Basin	Private
OMA-20190215-4887-P	Prairie Lane Elementary	Westside Community Schools	Lamp Rynearson and Associates Inc	Certified	Apr 13 2022	Extended Dry Detention Basin	Private
OMA-20190304-4875-P	Lake Cunningham Improvements	City of Omaha Parks, Recreation & Public Property	HDR Engineering	Certified	Jan 25 2022	Extended Dry Detention Basin	Private
OMA-20190304-4908-P	West Dodge Hills Replat 3. Lots 1 and 2	Broadmoor Development	Thompson, Dreessen & Dorner, Inc.	Certified	Jan 25 2022	Extended Dry Detention Basin	Private
OMA-20190403-4948-P	MCC Auto Tech	Metropolitan Community College	Olsson (Omaha)	Certified	Jan 21 2022	Extended Dry Detention Basin	Public
OMA-20190403-4949-P	Hines Mixed-Use Development Phase 1 Public Improvements	Hines Interests LP	Ehrhart Griffin and Associates	Certified	Jan 21 2022	Extended Dry Detention Basin	Public
OMA-20190404-4951-P	49th Street Townhomes	Design Development, LLC	Lamp Rynearson and Associates Inc	Certified	Jan 21 2022	Extended Dry Detention Basin	Public
OMA-20190405-4953-P	Crown Point Avenue - Blair High Road to 72nd Street	City of Omaha Public Works - Design Division	Olsson (Omaha)	Certified	Jan 21 2022	Extended Dry Detention Basin	Public
OMA-20190405-4953-P	Crown Point Avenue - Blair High Road to 72nd Street	City of Omaha Public Works - Design Division	Olsson (Omaha)	Certified	Jan 21 2022	Extended Dry Detention Basin	Public
OMA-20190610-5023-P	Antler View Retail / Flex Building	192 Maple LLC	Thompson, Dreessen & Dorner, Inc.	Certified	Aug 03 2022	Subsurface Storage	Private
OMA-20190611-5035-P	FIRST NEBRASKA BANK	FIRST NEBRASKA BANK	Ehrhart Griffin and Associates	Certified	Aug 03 2022	Subsurface Storage	Private

Attachment H
PCSMP List of Certified BMPs

PCSMP Number	Project name	Applicant Firm Name	Design Firm Name	Stage	Certification Date	BMP Type	BMP Ownership
OMA-20190626-5058-P	Lakeview 168	Celebrity Homes Inc.	Lamp Rynearson and Associates Inc	Certified	Aug 17 2022	Subsurface Storage	Private
OMA-20190709-5065-P	Olde Towne Commons	Aldrich Holdings, LLC	Olsson (Omaha)	Certified	Aug 17 2022	Subsurface Storage	Private
OMA-20190715-5076-P	Methodist Physicians Clinic	Methodist Health Systems	Olsson (Omaha)	Certified	Jun 24 2022	Manufactured System	Private
OMA-20190826-5138-P	Marvely - 132nd & Fort	Klinker Homeplace LLC	Olsson (Omaha)	Certified	Jun 21 2022	Manufactured System	Private
OMA-20191021-5192-P	Lots 9 & 10 Altech Business Park	T&I Investments LLC	E&A Consulting Group, Inc.	Certified	Apr 26 2022	Subsurface Storage	Private
OMA-20191023-5193-P	El Museo Latino Historical Renovation	El Museo Latino	Thompson, Dreessen & Dorner, Inc.	Certified	Apr 26 2022	Other (flow-based)	Private
OMA-20191023-5193-P	El Museo Latino Historical Renovation	El Museo Latino	Thompson, Dreessen & Dorner, Inc.	Certified	Apr 26 2022	Other (flow-based)	Private
OMA-20191023-5193-P	El Museo Latino Historical Renovation	El Museo Latino	Thompson, Dreessen & Dorner, Inc.	Certified	Apr 26 2022	Other (flow-based)	Private
OMA-20191114-5215-P	Elkhorn South Sidewalk Improvements	Elkhorn Public Schools	E&A Consulting Group, Inc.	Certified	Jan 04 2022	Retention Wet Ponds	Private
OMA-20191224-5112-P	Downtown Riverfront Revitalization - Lewis and Clark Landing	MECA	HDR Engineering	Certified	Feb 22 2022	Other (flow-based)	Private
OMA-20200102-5269-P	Omaha Performing Arts Expansion	Omaha Performing Arts Society	Lamp Rynearson and Associates Inc	Certified	Apr 06 2022	Manufactured System	Private
OMA-20200204-5324-P	72ND AND CENTER REDEVELOPMENT	MERIDIAN DEVELOPMENT LLC	Ehrhart Griffin and Associates	Certified	Jun 09 2022	Extended Dry Detention Basin	Public
OMA-20200204-5324-P	72ND AND CENTER REDEVELOPMENT	MERIDIAN DEVELOPMENT LLC	Ehrhart Griffin and Associates	Certified	Jun 09 2022	Manufactured System	Public
OMA-20200218-5350-P	South Streams	Woodsonia-South Streams, LLC	Thompson, Dreessen & Dorner, Inc.	Certified	Jun 29 2022	Green Roof	Private
OMA-20200302-5370-P	McDonald's - Omaha Elkhorn	McDonald's USA, LLC	Bishop Engineering	Certified	Mar 10 2022	Manufactured System	Private
OMA-20200414-5426-P	Mastercraft West Parking Lot	Millwork District, LLC	Olsson (Omaha)	Certified	Sep 01 2022	Soil Conditioning	Private
OMA-20200416-5422-P	OPS Fontenelle Park Softball Field	Porfirio Construction Incorporated	Lamp Rynearson and Associates Inc	Certified	Sep 01 2022	Soil Conditioning	Private
OMA-20200609-5460-P	Bennington Pine Creek Elementary Addition	Bennington Public Schools	DLR Group	Certified	Nov 04 2022	Manufactured System	Private
OMA-20200722-5538-P	A Catered Affair	Ultimate Thermal, Inc.	E&A Consulting Group, Inc.	Certified	Dec 16 2022	Subsurface Storage	Private
OMA-20200723-5537-P	Rocket Car Wash - 168th and Maple	City Ventures	Olsson (Omaha)	Certified	Dec 16 2022	Other (flow-based)	Private
OMA-20200811-5562-P	CrossFit Omaha	Big O Strength and Conditioning, LLC	Thompson, Dreessen & Dorner, Inc.	Certified	Jan 17 2022	Extended Dry Detention Basin	Private
OMA-20200817-5568-P	Lot 1 Mission Pines Plaza	Lanoha Development Company	Lamp Rynearson and Associates Inc	Certified	Jan 17 2022	Other (flow-based)	Private
OMA-20200819-5573-P	Together Inc. Parking Lot Addtion	Together Inc.	Thompson, Dreessen & Dorner, Inc.	Certified	Jan 17 2022	Other (flow-based)	Private
OMA-20200821-5586-P	Anchor View	Boyer Young Development LLC	E&A Consulting Group, Inc.	Certified	Aug 03 2022	Extended Dry Detention Basin	Public
OMA-20200821-5586-P	Anchor View	Boyer Young Development LLC	E&A Consulting Group, Inc.	Certified	Aug 03 2022	Manufactured System	Public
OMA-20200823-5587-P	Highland Elementary School Renovation & Addition	Omaha Public Schools	FYRA Engineering	Certified	Jun 21 2022	Manufactured System	Private
OMA-20200825-5583-P	Arbor View Lots 382 thru 641 & Outlots "I" thru "N"	Charleston Homes, LLC	E&A Consulting Group, Inc.	Certified	May 17 2022	Manufactured System	Private

Attachment H
PCSMP List of Certified BMPs

PCSMP Number	Project name	Applicant Firm Name	Design Firm Name	Stage	Certification Date	BMP Type	BMP Ownership
OMA-20200908-5600-P	apt153	Brownstone Property Group	Thompson, Dreessen & Dorner, Inc.	Certified	Sep 02 2022	Subsurface Storage	Private
OMA-20200909-5605-P	SENIOR LIVING CENTER	Site Preparation LLC	Ehrhart Griffin and Associates	Certified	Mar 21 2022	Manufactured System	Private
OMA-20201210-5707-P	Dundee Bank	Dundee Bank	E&A Consulting Group, Inc.	Certified	Jan 13 2022	Extended Dry Detention Basin	Private
OMA-20201211-5709-P	Starbucks 90th & Fort	STRU Development	Thompson, Dreessen & Dorner, Inc.	Certified	Jan 05 2022	Other (volume-based)	Private
OMA-20210119-5737-P	Ravello 2.0	MRES Ravelo II, Holdings LLC	E&A Consulting Group, Inc.	Certified	Oct 21 2022	Manufactured System	Private
OMA-20210217-5778-P	Serenity Estates	Serenity Estates, LLC	Thompson, Dreessen & Dorner, Inc.	Certified	Nov 21 2022	Soil Conditioning	Private
OMA-20210218-5746-P	DOLLAR GENERAL - 16TH AND STORZ	MSP PROPERTIES OF MINNESOTA, L.P.	Lamp Rynearson and Associates Inc	Certified	Nov 21 2022	Other (flow-based)	Private
OMA-20210218-5746-P	DOLLAR GENERAL - 16TH AND STORZ	MSP PROPERTIES OF MINNESOTA, L.P.	Lamp Rynearson and Associates Inc	Certified	Nov 21 2022	Other (flow-based)	Private
OMA-20210223-5551-P	4411 N 20th	Spencer Management	Sierex Design & Construction	Certified	Nov 21 2022	Disconnected Impervious Cover	Private
OMA-20210225-5791-P	CLOVE APARTMENTS	J Development	Lamp Rynearson and Associates Inc	Certified	Apr 18 2022	Soil Conditioning	Public
OMA-20210305-5811-P	Falling Waters PCSMP Section 3	BSR-LLC	E&A Consulting Group, Inc.	Certified	Apr 11 2022	Rain Garden	Private
OMA-20210330-5844-P	Zion Lutheran Church	Zion Lutheran Church	Schemmer Associates	Certified	Sep 22 2022	Manufactured System	Private
OMA-20210330-5844-P	Zion Lutheran Church	Zion Lutheran Church	Schemmer Associates	Certified	Sep 22 2022	Manufactured System	Private
OMA-20210402-5865-P	Rows at Coventry	78 Investors Group, LLC	E&A Consulting Group, Inc.	Certified	May 17 2022	Extended Dry Detention Basin	Private
OMA-20210405-5868-P	NorthStar Foundation Omaha Home for Boys Soccer Field	Northstar Foundation	Lamp Rynearson and Associates Inc	Certified	May 17 2022	Other (volume-based)	Private
OMA-20210407-5870-P	Club Carwash - 4802 S. 72nd	Club Car Wash L St., LLC	Cochran Engineering	Certified	Nov 04 2022	Extended Dry Detention Basin	Private
OMA-20210408-5876-P	Club Carwash - 3120 N. 108th St.	Club Car Wash Omaha 108th, LLC	Cochran Engineering	Certified	Nov 04 2022	Roof Drain Filters	Private
OMA-20210408-5877-P	Club Carwash - 6607 N. 72nd St.	Club Car Wash Omaha 72nd, LLC	Cochran Engineering	Certified	Oct 20 2022	Extended Dry Detention Basin	Private
OMA-20210409-5881-P	OPW 53976	City of Omaha Public Works - Construction Division	Schemmer Associates	Certified	Oct 20 2022	Extended Dry Detention Basin	Private
OMA-20210614-5986-P	Chipotle - Menards	Batis Development	Lamp Rynearson and Associates Inc	Certified	Feb 08 2022	Extended Dry Detention Basin	Private
OMA-20210623-6006-P	Iron Bluff	Lockwood Development	Lamp Rynearson and Associates Inc	Certified	May 04 2022	Subsurface Storage	Private
OMA-20210623-6006-P	Iron Bluff	Lockwood Development	Lamp Rynearson and Associates Inc	Certified	May 04 2022	Subsurface Storage	Private
OMA-20210623-6006-P	Iron Bluff	Lockwood Development	Lamp Rynearson and Associates Inc	Certified	Oct 13 2022	Extended Dry Detention Basin	Private
OMA-20210623-6006-P	Iron Bluff	Lockwood Development	Lamp Rynearson and Associates Inc	Certified	Oct 13 2022	Manufactured System	Private
OMA-20210623-6006-P	Iron Bluff	Lockwood Development	Lamp Rynearson and Associates Inc	Certified	Dec 15 2022	Manufactured System	Private
OMA-20210623-6006-P	Iron Bluff	Lockwood Development	Lamp Rynearson and Associates Inc	Certified	Dec 15 2022	Manufactured System	Private
OMA-20210712-6038-P	1120 Lofts	1120 Lofts, LLC	Thompson, Dreessen & Dorner, Inc.	Certified	May 03 2022	Grassed Swale	Private
OMA-20210712-6039-P	162nd & Ida 4Plexes	New Street Properties, LLC	E&A Consulting Group, Inc.	Certified	May 03 2022	Grassed Swale	Private
OMA-20210713-6040-P	Avante	Falcone Development	E&A Consulting Group, Inc.	Certified	May 12 2022	Other (flow-based)	Private
OMA-20210723-6048-P	State Street Improvements 147th St to 153rd St	Douglas County Engineer Department	E&A Consulting Group, Inc.	Certified	Aug 30 2022	Manufactured System	Private
OMA-20210723-6048-P	State Street Improvements 147th St to 153rd St	Douglas County Engineer Department	E&A Consulting Group, Inc.	Certified	Aug 30 2022	Other (volume-based)	Private
OMA-20210723-6048-P	State Street Improvements 147th St to 153rd St	Douglas County Engineer Department	E&A Consulting Group, Inc.	Certified	Nov 30 2022	Manufactured System	Private
OMA-20210723-6048-P	State Street Improvements 147th St to 153rd St	Douglas County Engineer Department	E&A Consulting Group, Inc.	Certified	Nov 30 2022	Manufactured System	Private

Attachment H
PCSMP List of Certified BMPs

PCSMP Number	Project name	Applicant Firm Name	Design Firm Name	Stage	Certification Date	BMP Type	BMP Ownership
OMA-20210913-6095-P	Bakers Fuel Station 132 and Maple	Maple Joint Venture	Thompson, Dreessen & Dorner, Inc.	Certified	Sep 13 2022	Extended Dry Detention Basin	Private
OMA-20210913-6115-P	Fred Leroy Health and Wellness Center for Ponca Tribe of Nebraska	Ponca Tribe of Nebraska	Kimley-Horn and Associates, Inc.	Certified	Sep 13 2022	Manufactured System	Private
PAP-20120522-529-P	Predator Trailer	Blakeman Engineering, LLC	Blakeman Engineering, LLC	Certified	Sep 02 2022	Subsurface Storage	Private
PAP-20131014-904-P	Market Pointe Lot 1	EAD Engineering	EAD Engineering	Certified	Jul 07 2022	Extended Dry Detention Basin	Private
PAP-20140107-910-P	Portal Plaza Building C	E&A Consulting Group, Inc.	E&A Consulting Group, Inc.	Certified	Aug 10 2022	Subsurface Storage	Private
PAP-20140312-957-P	NCSRCC Papillion Training Center	Schemmer Associates	Schemmer Associates	Certified	Oct 24 2022	Manufactured System	Private
PAP-20140312-957-P	NCSRCC Papillion Training Center	Schemmer Associates	Schemmer Associates	Certified	Oct 24 2022	Other (volume-based)	Private
PAP-20141007-2371-P	Papillion Public Works Building-1614	City of Papillion	Thompson, Dreessen & Dorner, Inc.	Certified	Oct 04 2022	Extended Dry Detention Basin	Private
PAP-20161018-3799-P	Highway Crossing Lot 20		-2 E&A Consulting Group, Inc.	Certified	Dec 19 2022	Manufactured System	Private
SAR-20150518-3095-P	Pierson Wireless		-2 Design Associates of Lincoln, Inc.	Certified	Feb 22 2022	Bioretention System	Private
SAR-20150608-3099-P	Sunridge Storage		-2 E&A Consulting Group, Inc.	Certified	Feb 22 2022	Bioretention System	Private
SAR-20150608-3100-P	Outland Crossing Office Park		-2 E&A Consulting Group, Inc.	Certified	Feb 22 2022	Bioretention System	Private
SAR-20190812-5114-P	Windsor West	Windsor West Development, LLC	E&A Consulting Group, Inc.	Certified	Jun 06 2022	Extended Dry Detention Basin	Public

Attachment I



CITY OF BELLEVUE
STORM WATER MANAGEMENT PROGRAM:

ILLICIT DISCHARGE DETECTION AND
ELIMINATION (IDDE)
STANDARD OPERATING PROCEDURES (SOP)

Prepared for:

City of Bellevue
MS4 Storm Water Program

September 2021

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- Attachment B: Complaint Reporting Form
- Attachment C: Inspection Forms
- Attachment D: Sample Letter to Discharger
- Attachment E: Sample Notice of Violation
- Attachment F: Education & Training

1.0 Purpose

In order to comply with requirements, set forth in the City of Bellevue's (City) National Pollution Discharge Elimination System (NPDES) Stormwater Phase II Permit, the City is required to develop and implement Illicit Discharge Detection and Elimination (IDDE) Standard Operating Procedures (SOPs). The procedures described in this report outline steps to be taken upon discovery of a likely illicit discharge and should be used in order to document the occurrence, sample the discharge, identify the likely source and eliminate it.

An illicit discharge is any discharge that does not originate from stormwater, or any other approved source as defined in the City of Bellevue Municipal Code § 27.5-21. Some of these allowable discharges may originate from:

- Firefighting activities, where such discharges or flows contain no significant sources of pollutants
- Diverted stream flows
- Rising groundwaters
- Uncontaminated groundwater infiltration as defined at 40 CFR 30.2005(b)(20)
- Uncontaminated pumped groundwater
- Discharges from potable water sources
- Foundation/footing drains
- Air conditioning condensation
- Irrigation water
- Water from crawl space pumps
- Individual residential car washing
- Dechlorinated swimming discharges
- Flows from riparian habitats and wetlands
- Sources specifically authorized by the City of Bellevue
- Sources authorized by a NPDES permit issued by the United States Environmental Protection Agency (EPA) or the Nebraska Department of Environment and Energy (NDEE)

Often the source of illicit discharge is from connections into the stormwater network that are illicit in nature. These illicit connections are as such defined as any connection (either surface or subsurface) that allows for an illegal discharge to enter the Municipal Separate Storm Water System (MS4).

2.0 Responsibility

It is the primary responsibility of the City of Bellevue Public Works Director to oversee the IDDE program and the assignment of the inspectors to evaluate received complaints, as well as the further actions taken by the City's Public Works Department to address issues uncovered throughout the investigation.

Additionally, it is the responsibility of the Director of Public Works of the City of Bellevue to ensure that all employees that could feasibly interact with illicit discharges are properly trained

so as to detect and document the occurrence in accordance with the procedures laid out herein. Education and training are summarized in Attachment F.

3.0 Procedures

3.1 Storm Sewer Inspection and Maintenance Procedures

Upon the receipt of complaints of localized flooding relating to the municipal storm sewer, the City of Bellevue Department of Public Works (Department) will investigate proper system functioning, including potential illicit discharges. When the Department conducts routine maintenance of its storm sewer network it will also check for illicit discharges in the area of the storm sewer. Outfall location maps are found in Attachment A to assist Department Staff with locating and identifying outfalls being investigated or inspected during routine maintenance.

Initial testing for illicit drainage may be as simple as a visual inspection of the watershed; however, should any reasonable evidence of illicit discharge be uncovered (See *Table 1: Potential Indicators of Intermittent Illicit Discharge* for examples of indicators of Illicit Discharge that do not include illicit effluent), maintenance workers should immediately inform their supervisor and/or the City of Bellevue's Director of Public Works, complete an Outfall Inspection Form (Attachment C) and then follow procedures outlined in Section 3.5 Sampling Procedures.

3.2 Sanitary Sewer Inspection and Maintenance Procedures

When the City of Bellevue Department of Public Works performs routine maintenance on sanitary sewer segments, it will also check for signs of illicit drainage. Should any evidence be uncovered (See *Table 1: Potential Indicators of Intermittent Illicit Discharge* for examples of indicators of Illicit Discharge that do not include illicit effluent), the City employee should immediately alert their supervisor and/or the City of Bellevue's Director of Public Works, complete an Outfall Inspection Form (Attachment C) and then follow procedures outlined in Section 3.5 Sampling Procedures.

3.3 Receipt of Complaint

Upon the receipt of a complaint from the public regarding a potential illicit discharge, the City employee who received the complaint shall complete the Citizen Complaint of Illicit Discharge Reporting Form (Attachment B) and transmit the completed document to the Director of Public Works. Upon receipt of the Citizen Complaint of Illicit Discharge Reporting Form, the assigned City inspector shall have 30 days to investigate the illicit discharge complaint. The inspector will then follow the Field Investigation Procedures in Section 3.4.

3.4 Field Investigation Procedures

In response to credible reports of suspected illicit discharges, the City will conduct dry weather field screening(s). These screenings shall be performed no less than 72 hours following a precipitation event (either snow or rain). The City will document dry weather field screenings with the Outfall Inspection Form (Attachment C). This form will be utilized for the initial site visit, and further follow up actions may be required should evidence of illicit discharge be

Illicit Discharge Detection and Elimination Operating Procedures

discovered. If illicit discharge is discovered, the assigned City inspector will complete the Illicit Connection Inspection Report Form (Attachment C).

3.41 Obstructions of Physical Observation

If the outfall suspected of having illicit discharge is partially or completely submerged, dry weather flow observation must be made at the next upstream point (generally a manhole) above the influence of the receiving body of water. This secondary observation point should be noted on the Outfall Inspection Form (Attachment C).

3.42 Indications of Intermittent Illicit Discharges

If at the time of field observation there is no illicit discharge present, but there is reasonable suspicion of intermittent illicit discharges and a previous illicit discharge at the same outfall location has not been resolved, the City should proceed with the completion the Illicit Connection Inspection Report Form (Attachment C). Possible indications of intermittent illicit discharge are shown below in *Table 1: Potential Indicators of Intermittent Illicit Discharge*.

Table 1: Potential Indicators of Intermittent Illicit Discharge

Potential Indicators of Intermittent Illicit Discharge
Soil Discoloration
Lingering Odor
Discolored Staining on Pipe or Channel Wall
Evidence or Presence of Unusual Floating Mater

Additional follow up inspections may be prescribed as needed by the City of Bellevue's Director of Public Works, in accordance with the severity of the illicit discharge.

3.5 Sampling Procedures

When an illicit discharge has been identified, the City will proceed with sampling the effluent. The City will complete an Illicit Connection Inspection Report Form (Attachment C) and then collect a sample of the discharge from the associated outfall. In addition to sampling the discharge, field inspectors will test the discharge for pH, the presence of chlorine and the presence or iron or copper, by using department furnished test strip. Results of these tests will then be recorded on the bottom half of the Citizen Complaint of Illicit Discharge Reporting Form (Attachment B). While sampling the outfall, the inspector will also note if the discharge has any attributes from *Table 2: Causes for Concern in Discharge*. If the discharge has one or more attributes, the inspector will immediately notify their supervisor and/or the City of Bellevue's Director of Public Works.

Illicit Discharge Detection and Elimination Operating Procedures

Table 2: Causes for Concern in Discharge

Property	Method of Determination	Should be Noted if
Odor	In-Person Observation	Discharge has Suspicious or strong scent
Turbidity	In-Person Observation	Discharge is not clear
Petroleum Contaminate	In-Person Observation	Discharge has a Rainbow sheen is present
Floating mater	In-Person Observation	Discharge contains particles that are not reasonably expected
pH	Test Strip	pH < 6 or pH > 9
Total Chlorine	Test Strip	Discharge has any present
Iron and Copper	Test Strip	>0 mg/L

The sample will be tested, following guidance provided by the United States Environmental Protection Agency (EPA), for all possible contaminates shown in *Table 3: Common Contaminates in Illicit Discharge*.

Table 3: Common Contaminates in Illicit Discharge

Parameter	Potential Discharge Type (EPA Guidance)
Ammonia	Sewage, wash water
Potassium	Sewage, industrial or commercial liquid waste
Boron	>0.35 mg/L Likely indicates sewage or wash water
Chlorine	Industrial or commercial liquid waste
Conductivity	Sewage, wash water, and industrial or commercial liquid waster
E. Coli	>12,000 Count / 100 mL is likely Sanitary Wastewater
Enterococci	>5,000 Count/100 mL is likely Sanitary Wastewater
Fecal Coliform	Sewage
Fluoride	Distinguishes potable water from natural or irrigation water
pH of Dry Weather Discharge	Wash water

3.6 Procedures for Identification of Illicit Connection

Once all laboratory testing has been completed and any contaminants within the illicit discharge are identified, the City shall attempt to locate the illicit connection by examining laboratory results and interpreting data collected during the field investigation against *Table 3: Common Contaminates in Illicit Discharge* and *Table 4: Overserved Discharge Attributes and Possible Upstream Causes*. This information, when compared to available maps detailing the operations of businesses in proximity to the outfall, will be used to predict the location of the illicit connection.

Table 4: Overserved Discharge Attributes and Possible Upstream Causes

Attribute	Descriptor	Possible Upstream Cause
Odor	Sewage	Septic / sanitary wastewater
	Petroleum/gas	Petroleum Refineries, Vehicle maintenance, Gas Stations
	Rancid / Sour	Food Preparation Facilities (Restaurants, hotels)
	Sulfide	Meat Packers, canneries, dairies
Color	Brown	Meat Packers, Printing plants, Metal Works, Concrete or Stone Works, Oil Refineries
	Gray	Dairies, Sewage
	Yellow	Chemical Plants, Textile plants and Tanneries
	Red	Meat Packers
Turbidity	Cloudy	Sanitary Wastewater, Concrete or stone works, fertilizer facilities, automotive dealers
	Opaque	Food processors, Lumbermills, metal works, pigment plants
Floating Matter	Sewage	Sewage
	Suds	Car washes, chemical plants / heavy manufacturing
	Oil Sheen	Gas stations, car maintenance areas, car dealers

3.61 Confirmation of Illicit Connection

Confirmation of a suspected illicit connection will be accomplished through the utilization of additional methods. Methodology for confirming illicit connections will consist of one or more of the following methods, as directed by the City of Bellevue's Director of Public Works.

- Visual inspection of the watershed (if possible)
- Inspection or sampling of manholes both downstream and upstream of the suspected illicit connection
- Dye testing
- Smoke testing
- Televising the line

Should there be sufficient evidence to conclusively conclude that a connection is illicit prior to implementing additional methods as those mentioned above, the Department of Public Works may elect to deem it illicit based on the results and evidence from laboratory testing and field observations.

3.7 Classification of Illicit Connections

Illicit connections are classified in two categories that are differentiated based on the threat to the public and overall operation of the MS4. This classification affords the City the ability to either take immediate action to resolve illicit connections that pose a threat to the safety of the public (Class A Illicit Connections) or remediate illicit connections within a reasonable timeframe (Class B Illicit Connections).

- **Class A Illicit Connections** includes severe connections such as from septic tank effluents, industrial discharges, radiator flushing disposals, corrosive fluids that could damage the system, sewer connections where sanitary sewage is discharged into the storm sewer, and other ongoing discharges of toxic or potentially toxic materials. This includes connections that could pose an imminent threat to the public, environment or MS4.
- **Class B Illicit Connections** includes connections that require a permit, but do not pose an imminent threat to the public, environment or MS4. Class B illicit connections warrant corrective action from the City of Bellevue's Department of Public Works or person(s) responsible for the illicit discharge resulting from a private property but are not so urgent as to require immediate intervention in the name of public safety.

Class A illicit connections must be corrected immediately, as they pose an active threat to the public. Class B illicit connections must be addressed within 30 calendar days, unless otherwise approved by the City (the City may, for example, delay the selected corrective action, such as a removal or a repair, of a Class B illicit connection if winter conditions prohibit reasonable corrective action).

4.0 Enforcement

The Director of Public Works and the Department's staff are tasked with the enforcement of the provisions and requirements of the City ordinances related to illicit discharge and/or illegal dumping to the City's MS4. The Director of Public Works will coordinate with the appropriate staff members of the departments of Waste Water, Code Enforcement, and Streets. Assigned staff members will be responsible for verbal and written contact to the responsible party(ies), issuance of Notice of Violations (NOVs), and tracking documentation of the illicit discharge and/or illegal dumping case as further explained herein.

Once an illicit discharge is found, the City of Bellevue Director of Public Works will immediately notify the responsible party and may assign the appropriate Public Works staff to the case. The Public Works Director or assigned department staff will verbally inform the responsible party that they must stop the illicit discharge. The request to stop the illicit discharge will also be made in writing (see Attachment D for sample letter to discharger). If the party willingly stops the illicit discharge, the assigned department staff will document the removal of the illicit discharge by completing Section 7 of the Illicit Connection Inspection Report Form (Attachment C). If the party fails to correct the illicit discharge within the specified response time, the Public Works Director or assigned department staff will issue a Notice of Violation (NOV) to the responsible party.

Should the illicit connection be classified as a Class A Illicit Connection, the City may, at the discretion of the Director of Public Works, serve the offending party with a Notice of Violation immediately in the interest of public safety and expediting the process of eliminating the illicit discharge.

The NOV will require the elimination of the discharge and may provide a schedule for its elimination. Time frames and actions to be taken may be included in the NOV (see Attachment E for sample NOV). Should the offending party not resolve the illicit discharge within the timeframe specified by the NOV, the City of Bellevue Director of Public works shall repair the offending illicit connection, and seek damages from the property owner per City of Bellevue Municipal Code Section § 27.5-23:

“If any person fails to disconnect an illicit connection upon 30-days’ prior notification by the director, the director may cause the removal of such connection from the municipal storm sewer system. The city may pursue the recovery costs by appropriate means including a suit of law against the person or persons responsible or from the present owner or occupant”

If the City Council determines additional enforcement action is required after an NOV has been sent to the responsible party, the City Council may forward the illicit discharge documentation to the City Attorney to pursue further legal action.

Once the party has removed the illicit discharge, staff designated by the City of Bellevue Director of Public Works shall investigate to verify that the illicit discharge has been removed.

5.0 Documentation

Documentation of illicit discharge follow-up activities is a vital part of the program in order to pursue enforcement actions if needed and to document illicit discharge activities to the State. As a result, the following documentation should occur:

- The City should document all field activities using the Forms found in Attachment C
- The City should document all progress and results of any illicit discharge enforcement in an enforcement tracking file (digital and/or hard copies)

Other actions taken, especially fines, NOV letters, and legal resources, should be documented not only through the Illicit Connection Inspection Report Form, but also through copies of all correspondence between the City and the responsible illicit discharger. Special care should be taken to document all inspection activities undertaken by the City. Inspectors should keep record of all interactions with parties linked to an illicit discharge.

ATTACHMENT A
BELLEVUE OUTFALL MAPS

ATTACHMENT B

COMPLAINT REPORTING FORM

ATTACHMENT C
INSPECTION FORMS

Outfall Inspection Form

This form is provided to assist MS4 permittees with appropriate recordkeeping for their routing outfall inspections as required by the current MS4 NPDES permit. Initial illicit connection inspection must be performed during dry weather, which is at least 72 hours after the previous precipitation or snowmelt event.

It is recommended to attach photo(s) of the inspection of the outfall to this form.

Upon discovery of stream scouring, you may use “Stream Scouring Investigation Record Keeping Form” for required documentation.

Upon discovery of any possible illicit connection, you MUST use “Illicit Connection Inspection Report Form” for required documentation

SECTION 1: OUTFALL SUMMARY INFORMATION

Outfall ID: _____ Outfall Location Description: _____

Municipality: _____ County: _____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the storm water to the receiving waterbody (concrete, corrugated pipe, concrete channel, etc.): _____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is any part of the end of the pipe fully or partially submerged? NEVER SOMETIMES* ALWAYS

* If ‘sometimes’ or ‘always,’ describe submerged conditions and conditions at the time of inspection:

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft): _____

SECTION 2: INSPECTION CONDITIONS

Date of current inspection: ___ / ___ / ____ Date of Previous Inspection: ___ / ___ / ____

Latest precipitation / snowmelt event: ___ / ___ / ____ Amount of precipitation (in.): ___ / ___ / ____

Outfall condition: PROPER CONDITION NEEDS MATINENCE NEEDS REPAIR

If applicable, describe the type of maintenance or repair needed: _____

Bank stability around outfall: GOOD FAIR NEEDS STABILIZATION

If applicable, describe the problem and word needed to stabilize the outfall: _____

Is there a dry weather flow present at the outfall or other evidence that a previous illicit discharge may have occurred? *(If the outfall is partially or fully submerged, dry weather flow observation must be made at the next upstream point (e.g., manhole) above the influence of the receiving surface waterbody.)*

PRESENT EVIDENCE NEITHER

If applicable: Manhole ID: _____ Approximate distance upstream from outfall (ft.): _____

If a dry weather flow is present at the outfall or there is other evidence that a previous illicit discharge may have occurred, the permittee must document the illicit discharge investigation by completing an **“Illicit Connection Inspection Report Form”**.

SECTION 3: STREAM SCOURING

Is stream scouring present? YES* NO

* If ‘YES’, describe the scouring, including where the scouring is occurring relative to the outfall:

*If you answered ‘YES’, you must document sources of stormwater that contribute to the outfall. The permittee shall complete the **“Stream Scouring Investigation Record Keeping Form”**. *

SECTION 4: INSPECTOR INFORMATION

Inspector’s Name: _____

Title: _____

Signature: _____ Date: _____

Illicit Connection Inspection Report Form

If a dry weather flow or other evidence of an intermittent illicit discharge is observed, this form shall be used to document the illicit discharge investigation in accordance with the current MS4 NPDES Permit. This completed form shall be uploaded with the permittee's Annual Report and Certification and be kept with the permittee's SPPP as per the record keeping requirements of the permit. Initial illicit connection inspections must be performed during dry weather, which is at least 72 hours after the end of the previous precipitation or snowmelt event.

Attach photos of the investigation to this form.

Section 1: Outfall Summary Information

Outfall ID: _____ Outfall Location Description: _____

Municipality: _____ County: _____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the storm water to the receiving waterbody (concrete, corrugated pipe, concrete channel, etc.): _____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is any part of the end of the pipe fully or partially submerged? NEVER SOMETIMES* ALWAYS

* If 'sometimes' or 'always,' describe submerged conditions and conditions at the time of inspection:

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft): _____

SECTION 2: OUTFALL INSPECTION

Date of current inspection: ___ / ___ / _____

Latest Precipitation / snowmelt event: ___ / ___ / _____ Amount of Precipitation (in.): _____

Date dry weather flow or other evidence of an intermittent illicit discharge was first discovered: ___ / ___ / _____

List the date(s) of previous inspection(s) and describe the actions taken, if applicable: _____

SECTION 3: PHYSICAL OBSERVATIONS

If the outfall is partially or fully submerged, dry weather flow observation must be made at the next upstream point (e.g., manhole) above the influence of the receiving surface waterbody.

If applicable: Manhole ID: _____ Approximate distance upstream from outfall (ft.): _____

The permittee shall use the table below to describe 1) the observed dry weather flow and/or 2) where there are indications of intermittent illicit discharges present.

(Potential illicit discharge sources are listed in parentheses)

<p>Odor</p>	<p><input type="checkbox"/> None</p> <p><input type="checkbox"/> Sewage (stale/septic/ sanitary wastewater)</p> <p><input type="checkbox"/> Petroleum/Gas (petroleum refineries, vehicle maintenance facilities, petroleum product storage)</p> <p><input type="checkbox"/> Rancid/Sour (food preparation facilities, e.g. restaurants, hotels, etc.)</p> <p><input type="checkbox"/> Sulfide (industries discharging sulfide compounds or organics, e.g. meat packers, canneries, dairies, etc.)</p> <p><input type="checkbox"/> Other: _____</p>
<p>Color</p>	<p><input type="checkbox"/> Clear</p> <p><input type="checkbox"/> Brown (meat packers, printing plants, metal works, concrete or stone operations, fertilizer facilities, and petroleum refining facilities)</p> <p><input type="checkbox"/> Gray (dairies, sewage)</p> <p><input type="checkbox"/> Yellow (chemical plants, texting and tanning plants)</p> <p><input type="checkbox"/> Red (meat packers)</p> <p><input type="checkbox"/> Other: _____</p>
<p>Turbidity</p>	<p><input type="checkbox"/> Clear</p> <p><input type="checkbox"/> Cloudy (sanitary wastewater, concrete or stone operations, fertilizer facilities, and automotive dealers)</p> <p><input type="checkbox"/> Opaque (food processors, lumber mills, metal works, pigment plants)</p>
<p>Floatable Matter (Does not include litter)</p>	<p><i>Floatables of industrial origin may include animal fats, spoiled foods, solvents, sawdust, foams, packing materials or fuel. Floatables in sanitary wastewater include fecal matter, toilet paper, sanitary napkins and condoms.</i></p> <p><input type="checkbox"/> None</p> <p><input type="checkbox"/> Sewage (toilet paper, etc.)</p> <p><input type="checkbox"/> Suds</p> <p><input type="checkbox"/> Petroleum (oil sheen)</p> <p><input type="checkbox"/> Other: _____</p>
<p>Deposits and Stains within outfall</p>	<p><i>Coatings, residues or fragments of material may be indicators of a potential intermittent non-stormwater discharge</i></p> <p><input type="checkbox"/> None</p> <p><input type="checkbox"/> Grayish Black (leather tanneries)</p> <p><input type="checkbox"/> White crystalline powder (Nitrogenous fertilizers)</p> <p><input type="checkbox"/> Excessive sediments (construction sites)</p> <p><input type="checkbox"/> Oily residues (petroleum refineries, storage facilities, vehicle service areas)</p> <p><input type="checkbox"/> Other: _____</p>
<p>Vegetation</p>	<p><i>As compared to surrounding Riparian bank and/or stream vegetation</i></p> <p><input type="checkbox"/> Normal</p> <p><input type="checkbox"/> Excessive growth and/or algal presence (food processing plants)</p> <p><input type="checkbox"/> Inhibited growth (industrial operation effluent, CAFOs)</p>

If the Physical Observations have been conducted and it was determined there was no odors, no discoloration of the water or no deposits and stains left on the outfall, turbidity was clear, no floatable matter, and the vegetation surrounding outfall appears normal, then the dry weather discharge is likely from a groundwater source, but the “Field Monitoring” section below must still be completed for verification. Prior to conducting the analyses in Sections 4 & 5, the sources may be traced back upstream, in the storm sewer to a more definitive location by various methods, such as opening manholes, using a camera and/or performing dye or smoke tests

SECTION 4: FIELD MONITORING

Field calibrate instruments in accordance with manufacturer’s instructions prior to testing

<p>Estimated Dry Weather Flow Rate</p>	<p>The Tier A guidance document recommends taking the estimate flow rate during the physical observations. Measurement: _____ GPM</p>
<p>Detergents Examples include surfactants and methylene blue active substances (MBAS)</p>	<p>Potential discharge types include sewage, wash water, industrial or commercial liquid waste Measurement: _____ mg/L</p>
<p>Temperature of dry weather discharge</p>	<p>Temperatures >70°F may indicate cooling water discharges depending on the season Measurement: _____ mg/L</p>

SECTION 5: DRY WEATHER FLOW ANALYSIS - WATER QUALITY

Based on the potential discharge types determine in the ‘Physical Observation’ and ‘Field Monitoring’ sections, further testing must be conducted using the appropriate subset of parameters below. The following parameters are recommended by the EPA for specific types of discharges as noted in the table below. For more information, refer to Chapter 12 of the EPA’s Illicit Discharge Detection and Elimination guidance document ([Illicit Discharge Detection and Elimination \(IDDE\) Guidance Manual \(epa.gov\)](http://www.epa.gov/illicid))

Indicate the location of your measurements (e.g. outfall, manhole number, etc.): _____

(Provide a drawing if necessary)

Parameter	Potential Discharge Type (EPA Guidance)	Discharge Measurement
Ammonia	Sewage, wash water	_____ mg/L
Potassium	Sewage, industrial or commercial liquid waste	_____ mg/L
Boron	>0.35 mg/L Likely indicates sewage or wash water	_____ mg/L
Chlorine	Industrial or commercial liquid waste	_____ mg/L
Conductivity	Sewage, wash water, and industrial or commercial liquid waster	_____ S/m
E. Coli	>12,000 Count / 100 mL is likely Sanitary Wastewater	_____ Count/100 mL
Enterococci	>5,000 Count/100 mL is likely Sanitary Wastewater	_____ Count/100mL
Fecal Coliform	Sewage	_____ Count/100mL
Fluoride	Distinguishes potable water from natural or irrigation water	_____ mg/L
pH of Dry Weather Discharge	Wash water	_____ SU

SECTION 6: ILLICIT DISCHARGE INVESTIGATION

The investigation is not completed until the source of the dry weather flow is found, and any illicit discharge is eliminated

Based on the latest results from the investigation, including the results in Sections 3, 4 and 5, is/was this dry weather flow from an illicit connection? YES NO INVESTIGATION IS ONGOING

If the investigation has been completed, what was the source of the dry weather flow or illicit connection?

Describe the Investigation, including the methods that were/will be used to identify the suspected source of the illicit discharge, or conclude there was no illicit discharge, along with the timeline of the steps of the investigation. Attach additional pages if necessary.

SECTION 7: ILLICIT DISCHARGE ELIMINATION

If it was illicit discharge, has the source been eliminated? YES NO

Describe the plan of action that was/will be followed to eliminate the illicit connection. This plan should detail who is/was responsible for the discharge, what methods were/will be used to fix it, how long it took/will take, and how removal was/will be confirmed and rechecked: _____

SECTION 8: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____

Signature: _____ Date: _____

Stream Scouring Investigation Recordkeeping Form

This form is provided to assist MS4 permittees with appropriate recordkeeping throughout the investigation process of outfall stream scouring. This form is to be kept with the permittee's SPPP, as per the recordkeeping requirements of the MS4 NPDES permit. It is recommended to attach photo(s) of the outfall and scouring to this form.

SECTION 1: OUTFALL SUMMARY INFORMATION

Outfall ID: _____ Outfall Location Description: _____

Municipality: _____ County: _____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the storm water to the receiving waterbody (concrete, corrugated pipe, concrete channel, etc.): _____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is any part of the end of the pipe fully or partially submerged? NEVER SOMETIMES* ALWAYS

* If 'sometimes' or 'always,' describe submerged conditions and conditions at the time of inspection:

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft): _____

SECTION 2: INSPECTION CONDITIONS

Date of current inspection: ___ / ___ / ____ Date of Previous Inspection: ___ / ___ / ____

Latest precipitation / snowmelt event: ___ / ___ / ____ Amount of precipitation (in.): ___ / ___ / ____

Provide a description of the stream scouring and outfall condition: _____

Describe investigation and findings, including suspected sources and action(s) being taken to reduce the volume or rate of flow from the sources contributing stormwater to the outfall, including dates of actions taken:

Was stream scouring identified during the previous inspection? YES* NO

*If 'YES', describe previous action taken: _____

Since the date of the last inspection, has the stream scouring worsened? YES* NO

*If 'YES', describe any potential causes, including new source(s) contributing stormwater to the MS4 discharging at this outfall since previous inspection (e.g. new housing developments, commercial plazas, etc.):

SECTION 3: SCHEDULING OF STREAM REMEDIATION

Description of the remediation project: _____

List milestones and dates of remediation (i.e. applied for permit, advertised for bid, awarded bid for project, completed project, etc.): _____

SECTION 4: PERMITS OBTAINED

Permit Type	Permit Authorization #	Application Date	Authorization Date
_____	_____	___ / ___ / _____	___ / ___ / _____
_____	_____	___ / ___ / _____	___ / ___ / _____
_____	_____	___ / ___ / _____	___ / ___ / _____
_____	_____	___ / ___ / _____	___ / ___ / _____
_____	_____	___ / ___ / _____	___ / ___ / _____
_____	_____	___ / ___ / _____	___ / ___ / _____

SECTION 4: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____

Signature: _____ Date: _____

ATTACHMENT D

SAMPLE LETTER TO DISCHARGER

John Doe
Property Manager
XYZ Inc.
1000 Example Street
Bellevue, NE 68005

Subject: Notice of Illicit Discharge Into Storm Sewer

Dear Mr. Doe:

This letter is a follow-up to the City inspection of your property on Month Date, Year. It was determined during the inspection that the floor drains carrying non-process wastewater from the current building expansion are connected to the storm sewer on Example Street at lateral #420. This connection is in violation of City of Bellevue ordinance § 27.5-22.

XYZ, Inc. has 30 calendar days to remove the discharge from the stormwater system by either the removal of the illicit connection, or the modification of procedures preventing illicit discharge from entering the sewer system.

It is the sole responsibility of XYZ, Inc. to ensure that it complies with all environmental regulations, both at the state and local levels. XYZ, Inc. must comply with all appropriate stormwater, pretreatment and other NPDES regulations and standards.

If you have questions regarding this matter, please contact the City of Bellevue Department of Public Works at (402) 293-3030.

Sincerely,

City of Bellevue

Doug Clark
Director, City of Bellevue Department of Public Works

ATTACHMENT E

SAMPLE NOTICE OF VIOLATION

September 19, 2021

CERTIFIED MAIL

Jane Doe
XYZ, Inc
1000 Example Avenue
Bellevue, NE 68005

Dear Ms. Doe:

Subject: Notice of Violation

The City of Bellevue Department of Public Works has confirmed a violation against Title 27 of the City of Bellevue municipal code. Enclosed you will find an initial letter of notification regarding an illicit discharge to the City's municipal storm sewer system and requesting corrective action.

Following is a summary of the violation:

NOV Number	Date of Violation	Violation Description
SNV42069	08/17/2021	Discharge of sanitary waste to a natural outlet

This illicit discharge must be corrected within 30 calendar days, or the City of Bellevue will take action to remove the illicit connection and then file for damages in a Court of Law against the respondent, as allowed for in City of Bellevue Municipal Ordinance § 27.5-23.

Our division has classified the nature of the violation as a recurring, minor ordinance violation. The City of Bellevue shall evaluate if it is necessary for escalated enforcement on this violation. It is the sole responsibility of XYZ, Inc. to ensure that all wastewater is disposed of in a legal manner per local, state and federal regulations.

If you have any questions or comments on this issue, please contact the City of Bellevue Department of Public Works at (402) 293-3030.

Sincerely,

City of Bellevue

Doug Clark
Director, City of Bellevue Department of Public Works

ATTACHMENT F
EDUCATION & TRAINING

Recommended Regular Trainings:

- Illicit Discharge Detection and Elimination (IDDE)
 - A training course related to illicit discharges.
 - Staff will be required take a refresher course every 3 years and new hires will be required to take the course within the first 30 days of employment.
 - Recommended for Public Works Department staff.
 - In-house Training.

Additional trainings and informational webinars:

EPA WEBINARS

Conducting IDDE Investigations

EPA Stormwater Webinar

Dated 7/11/2007

Video Length 1 hour 58 minutes

Video Description: *Discusses the field and lab methods necessary to conduct IDDE investigations. The covered topics include: IDDE terminology, basic components of an effective IDDE program, desk top assessments of illicit discharge potential to prioritize field activities, outfall reconnaissance inventory, post-screening prioritization, and detailed field and lab analyses to confirm and identify illicit discharges.*

Hyperlink to Website: [Conducting Illicit Discharge Detection and Elimination Investigations \(IDDE 201\) - YouTube](#)

Finding & Fixing Illicit Discharges & Connections

EPA Stormwater Webinar

Dated 9/30/2009

Video Length 2 hour 0 minutes

Video Description: *Focuses on finding and eliminating illicit discharges. The covered topics include: methods for tracing illicit discharges to their sources via various methods and eliminating illicit discharges. A specific case study is also discussed.*

Hyperlink to Website: [Illicit Discharge Detection and Elimination IDDE 301 - YouTube](#)

Confined Space Entry Trainings for Sewer Maintenance (Good Housekeeping & IDDE)



ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) TRAINING STRATEGY

Adapted from City of Omaha Environmental Quality Control Division,
Public Works Department Plan



Goal

Provide training for municipal field staff whose primary job duties lend them to potentially come in contact with or otherwise observe an illicit discharge or illicit connection to the separate storm sewer system.

Target Audience

Municipal field staff originate from multiple City Departments. These can include:

- Parks, Recreation & Public Property
 - Park Maintenance
 - Code Enforcement
- Planning
 - Permits and Inspections
 - Community Development
- Public Works Department
 - Waste Water Department
 - Streets Department
 - Fleet Maintenance Department

Strategy

Each respective Department's potential to encounter illicit discharges varies, some are more likely to see them than others. The Public Works Department serves as a primary resource for stormwater-related topics, including illicit discharge detection and elimination. Training and training resources will be provided to these Departments commensurate with their potential to come in contact with an illicit discharge. Ultimately, each Department oversees the training curriculum for their staff. The primary approach for training of municipal field staff will include, but is not limited to:

1. Compliance level training to eliminate confirmed illicit discharges or connections.
2. Inspector level training on illicit discharge detection.
3. Awareness level training for facility or department wide training sessions.
4. Provide printed educational materials.
5. Offer education and guidance on a case by case basis.

Most Departments will receive awareness level training. Within the Public Works Department identified personnel will receive Inspector and Compliance level training. City of Bellevue will encourage personnel to attend various internal and external training opportunities throughout the year. The training session topics include good housekeeping practices, erosion control installation and inspection, storm water pollution prevention measures, and other MS4 related trainings.

Training Tracking

- Attendance and subject matter will be documented for each formal training coordinated and/or attended.
- As part of their Facility Runoff Control Plans (FRCPs), maintenance facilities are to document their trainings. Site supervisors are encouraged to review and incorporate stormwater related

topics, including IDDE, into less formal educational settings, including staff meetings, safety meetings, and employee orientation.

- Tracking for additional trainings are the responsibility of the respective Department.

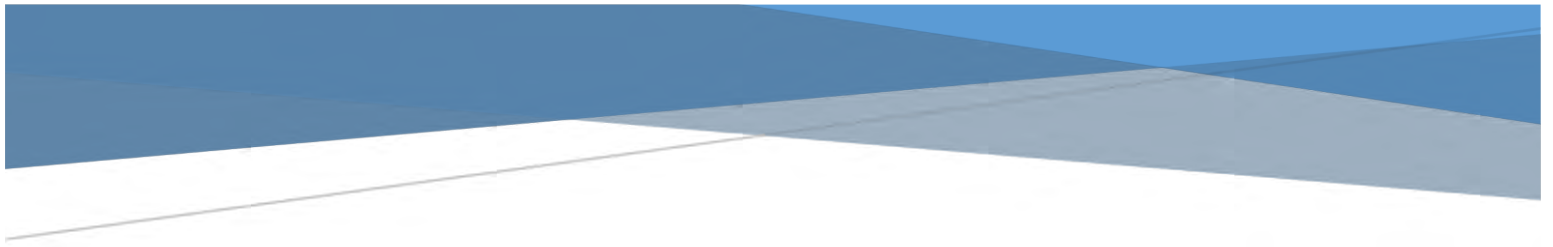
Reporting

The MS4 annual report will provide details of the training events and the number of employees in attendance, and the distribution of outreach materials.

Evaluation

Providing education opportunities and materials relevant to municipal staff is an ongoing consideration. The City of Bellevue will continue to develop educational materials as needs are recognized and staff feedback identifies a relevant topic that could reduce the risk of stormwater pollution citywide.

Attachment J



POST-CONSTRUCTION CERTIFICATION, MAINTENANCE & INSPECTION STRATEGIES

Adapted from City of Omaha Environmental Quality Control Division
Plan



Goal

Ensure certified structural stormwater control measures installed and implemented are maintained in perpetuity. Respond to complaints regarding them to ensure they are being maintained in the long-term.

Certification

Upon construction completion, all stormwater best management practices (BMPs) that are part of a project's final Post-Construction Stormwater Management Plan (PCSMP) shall be certified by a licensed professional civil engineer registered in the State of Nebraska or other professional approved by the City of Bellevue.

For BMP Certification, the Designer shall submit the following documents to the City of Bellevue:

- Record Drawings of the Final Post-Construction Stormwater Management Plan Sheets
- BMP Certification Document

Long-Term Maintenance

Long-term maintenance of post-construction stormwater BMPs is important to keep them functioning as designed. To help ensure this occurs, it is required that each post-construction BMP creates a maintenance plan, with activities specific to the type of BMP used. This plan is incorporated into a maintenance agreement that is filed with the property deed to ensure it is maintained in perpetuity, per Bellevue Municipal Code Section 27.5-124.

Such agreements shall document the responsibilities of the owner, the Homeowner's Association or other designated party, and the City of Bellevue. The maintenance agreement shall be approved as part of the Final PCSMP and recorded with the Register of Deeds. A sample copy of a Maintenance Agreement can be downloaded at PapioPartnership.Org.

Maintenance Agreement exhibits shall include the following at a minimum:

- Real Property Depiction – Provide lot certificate or platted subdivision with legal description, or PCSMP plan sheet if that information is contained on the sheet already (11"x17")
- BMP Maintenance Requirements as described in Section 2.5 of the PCSMP Guidance Document

Post-Construction Inspections

Post-construction inspections of certified BMPs will be conducted on a complaint basis. Below is a description of this strategy.

Complaints are generally received by the City of Bellevue using the following means:

- Direct phone calls and emails to staff
- City of Bellevue Website

Initial notification from these sources can be by conversation, email, phone call, voicemail or written correspondence.

Once a complaint is received, they are reviewed by the Public Works Department to ensure they are applicable to the Stormwater Program and to a post-construction BMP by doing a desktop

review of the area. The desktop review of the area should include but not limited to the list below.

- Property owner(s)
- Layout of the area
- Post-construction documentation submitted in Permix for the site
- Waterbodies
- Sewer lines and nodes
- Previous complaints

If applicable to a post-construction BMP, the complaint will be reviewed by the engineering staff and the property owner and/or PCSMP applicant will be notified. If the issue(s) is not resolved, further enforcement will follow City of Bellevue policies. Below is the inspection strategy.

- Public Works staff or engineers will investigate field conditions and available data through the desktop review process
- Issues found that pose an immediate risk to health and safety of the public or the environment should be reported immediately to supervisor
- Staff will visit the site and will attempt to make contact with a person on-site prior to inspecting the PCSMP BMP to explain the reason for the visit, request access, and ask to speak with the owner or manager of the property
- Staff will request the inspection and maintenance records for the BMP in question from the owner or facilities manager
- Complaints will be evaluated for validity
 - If the issue(s) reported in the original complaint are identified by the staff during the inspection, the complaint is considered valid and is followed up as needed until all issues are resolved.
 - If issues are found but they are not related to the original complaint, it can still be considered valid but should be noted in the inspection report and is followed up until all issues are resolved.
 - If no issues are found and the complaint cannot be verified, it would be considered invalid.
- Issues identified during a PCSMP inspection will be shared with the responsible party, a timeline established for bringing the site into compliance, and the complaint will remain open until it is resolved.
- Based on the validity of the complaint and actions to resolve the issue(s), changes will be documented in the WO and project information updated in Permix, as needed.

Compliance Assistance

Compliance assistance is providing education on regulatory requirements and how to comply with them. As part of the inspection process of PCSMP BMPs, this will be the first step that the City of Bellevue will use in working with the responsible party. This will include but not limited to:

- Distributing outreach materials such as brochures, fact sheets, and manuals

- Providing applicable code references
- Forms to help with tracking maintenance

Responsible parties that have repeated complaints and do not maintain compliance will be handled on a case-by-case basis. If the responsible party does not come into compliance, additional compliance actions will be taken as described in the Omaha Environmental Enforcement Manual.

Attachment K

City of Bellevue Facilities Map



Map #	Bellevue Property	Address
1	Street Department South Shop	206 Industrial Dr
2	Street Department Southwest Shop	12805 S. 9th St
3	Street Department North Shop	8285 Cedar Island Rd
4	Street Department North Shop Material Storage Yard	8912 Cedar Island Rd
5	Wastewater Maintenance Facility	8902 Cedar Island Rd
6	Fleet Maintenance Facility	2012 Betz Rd
7	Public Safety Building	1510 Wall St
8	Parks Department Office	8201 S. 42nd St
9	Cascio Pool	1500 Lawrence Ln
10	Dowding Pool	1500 Washington St
11	Gilbert Pool	503 W 29th Ave

Attachment L

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Street Maintenance Shop Dist 2- South Shop
Inspection Date 6/29/2022
FRCP Inspector Name Tyler Wynn
Facility Address 206 Industrial Dr., Bellevue, NE
Facility Supervisor Bobby Riggs
Main Site Contact Bobby Riggs
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed Stored

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: *sand/salt mix, liquid deicer, asphalt millings*

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % 100
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					No Gutters
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5	
Organic Material	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5	
Litter	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5	

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

Fueling area is covered
 Washout inlet has sump that is cleaned by Bellevue Sewer Dept
 Loading and unloading of soil, sand, gravel stockpiles occurs regularly
 Grizzly dirt, sand and salt are covered- rocks, gravel, mulch, soil is uncovered
 No labels on liquid deicer tanks
 Significant rust on dumpster
 Loose gravel in parking lot
 Only diesel stored on site- no gas
 Area flooded in 2019- City plans to rebuild or relocate shops

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 20
 FRCP is required
 Targeted education is recommended.

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Street Maintenance Shop Dist 1- North Shop
Inspection Date 6/29/2022
FRCP Inspector Name Tyler Wynn
Facility Address 8252 Cedar Island Rd
Facility Supervisor Bobby Riggs
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained *Repaired* *Recycled*
Fueled *Washed* *Stored*

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid

Description: *Liquid Deicer, salt & sand mix (covered w/tarp, soil, gravel, cold patch asphalt, trash)*

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % 100
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

- No diversion berms outside secondary containment of fuel tanks
- Salt/Sand mix is covered with tarp
- Trash dumpster lid is open
- Deicer storage containers are missing labels
- East building drains to septic tank
- All inlets drain to neighboring pond to the west

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 21
 FRCP is required
 Continued education and maintenance is recommended.

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Wastewater Maintenance Facility
Inspection Date 8/3/2022
FRCP Inspector Name Tyler Wynn
Facility Address 8902 Cedar Island Rd.
Facility Supervisor Epiphany Ramos
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: Skid Loader

A2. Approximate number of vehicles: 3

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed Stored

*Vehicles washed indoors. Specialized vehicles, ie. Pump/vac trucks maintained inside shop when repairs/maintenance are not possible at fleet maint. Facility

A4. Are vehicles stored and/or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: Manhole ring/cover, risers, HDPE/PVC pipe

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up **Asphalt behind building is breaking up*

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % 100
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

No inlets in area of facility- confirmed by Sarpy County Sims website.
 Not a hotspot, continued education is recommended.
 All vehicles except one car remains parked in the garage when not in use.
 Skid and backhoe parked on gravel lot surface.

RESULTS & ACTION FOR THIS FACILITY:

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Street Maintenance Distric 3- Southwest Shop
Inspection Date 6/29/2022
FRCP Inspector Name Tyler Wynn
Facility Address 12805 S 9th St., Bellevue, NE
Facility Supervisor Bobby Riggs
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed Stored

A4. Are vehicles stored and/or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: sand/salt mix, gravel, soil, rocks, liquid deicer

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % *100*
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (>15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

Liquid deicer missing labels
tractors, tar sealer, tandem axle trucks stored outside
Open lid on trash dumpster
Dumpster drains to culver pipe

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 21
FRCP is required
Continued education and maintenance is recommended.

Hot Spot Investigation Form

Site Information

Facility Name Public Safety Building- City of Bellevue
Inspection Date 8/24/2022
FRCP Inspector Name Tyler Wynn
Facility Address 1510 Wall St., Bellevue, NE
Facility Supervisor
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: 15

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed Stored

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: _____

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell ****indirectly- drains to inlet @ parking lot entrance***

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % 20
Landscaping % 80 Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

****lumber in 2 inlets, drainage basin full of grass clippings***

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (>15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

- Score of 8.
- Lumber in inlets.
- Grass clippings on impervious areas.
- Dumpster- indirectly drains to inlet at parking lot entrance.

RESULTS & ACTION FOR THIS FACILITY:

- Potential hotspot.
- Continued education is recommended.

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Parks Building Maintenance Office & Cemetary Office
Inspection Date 7/8/2022
FRCP Inspector Name Tyler Wynn
Facility Address 8201 S 42nd St., Bellevue, NE
Facility Supervisor
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other:Tractor_____

A2. Approximate number of vehicles: 1 (Outside)

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed **Stored**

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description:

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % 30
Landscaping % 70 Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters				
	Clean			Filthy
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5
Organic Material	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

No catch basins in vicinity of facility
 Sand/gravel in parking lot
 One downspout (NW) drains to impervious surface, one (East) to pervious surface

RESULTS & ACTION FOR THIS FACILITY:

Total score - 6
 An FRCP is not recommended for this facility.
 Continued education and training is recommended.

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue- Cascio Pool
Inspection Date 7/7/2022
FRCP Inspector Name Tyler Wynn
Facility Address 1500 Lawrence Ln, Bellevue, NE
Facility Supervisor Jim Shada
Main Site Contact Jim Shada
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed Stored

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description:

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % *100*

Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

Dumpster lid is open
 Near stormsewer manhole with holes in lid
 floor drains in picnic area

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 5
 FRCP is not recommended
 Continued education and maintenance is recommended.

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue- Dowding Pool
Inspection Date 6/28/2022
FRCP Inspector Name Tyler Wynn
Facility Address 1500 Washington St, Bellevue, NE
Facility Supervisor Jim Shada
Main Site Contact Jim Shada
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained *Repaired* *Recycled*
Fueled *Washed* *Stored*

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: _____

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % *100*

Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

Area inlet near the south end of parking lot is clean

Area inlet North of playground has signs of grass clipping entering the inlet, regular cleaning of the inlet is recommended

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 5

FRCP is not recommended

Continued education and maintenance is recommended.

Hot Spot Investigation Form

Site Information

Facility Name Jerry Gilbert Pool
Inspection Date 7/6/2022
FRCP Inspector Name Tyler Wynn
Facility Address 503 W 29th Ave, Bellevue, NE
Facility Supervisor Jim Shada
Main Site Contact Jim Shada
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed Stored

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description:

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % 100
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

- Dumpster lid is open
- Sand/gravel sedimentation in gutters
- Parking lot drains to inlet on 29th Ave
- Turfed area drains to creek west of pool
- Pool drains to creek west of pool facility
- 2 manholes on property are sanitary

RESULTS & ACTION FOR THIS FACILITY:

Total Score: 5

An FRCP is not recommended for this facility.

Continued education and maintenance is recommended

Hot Spot Investigation Form

Site Information

Facility Name Bellevue Maintenance Shop North- Material Storage Yard
Inspection Date 8/5/2022
FRCP Inspector Name Tyler Wynn
Facility Address 8912 Cedar Island Road
Facility Supervisor Bobby Riggs
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained *Repaired* *Recycled*
Fueled *Washed* *Stored*

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: *Crushed concrete, asphalt millings, tree brush, soil, sand*

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?
 Y N Can't Tell ***indirectly- runoff to ditch into culvert to East**

B4. Is staining or discoloration around the area visible?
 Y N Can't Tell

B5. Does outdoor storage area lack a cover?
 Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?
 Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?
 Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):
 Garbage Construction Materials Hazardous Materials ***oil in garbage storage area**
 Other: Street sweepings None

C2. Dumpster condition (check all that apply):
 No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?
 Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?
 Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:
Condition of surfaces:

Clean Stained
 Dirty Damaged
Evidence that maintenance results in discharge to storm drains (staining/discoloration)?
 Y N Can't Tell

D2. Parking Lot:
Condition:

Clean Stained
 Dirty Breaking up
Surface material:
 Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?
 Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?
 Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:
Forest canopy % _____ Turf Grass % **100**
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

Tree pile is grinded into chips approx. 1 a year.
 Street sweepings stored on site- potentially contaminated
 No BMP's around stockpiles
 Asphalt millings, concrete millings, stockpiles drain East to ditch on West side of Cedar Island Rd. & remainder of piles draing West to grass/park area

RESULTS & ACTION FOR THIS FACILITY:

Potential hotspot. Continued education is recommended.
 FRCP for this site will be considered.

Attachment M



CITY OF BELLEVUE
STORM WATER MANAGEMENT PROGRAM
FACILITIES RUNOFF CONTROL PLAN (FRCP)
MAINTENANCE DISTRICT 1 – NORTH SHOP

Prepared for:

City of Bellevue
MS4 Storm Water Program

July 2022

Facilities Runoff Control Plan (FRCP) Program

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Attachment A: City of Bellevue Facilities Map

Attachment B: Facility Profile & Questionnaire

Hot Spot Investigation Form

Aerial Map & Site Photos

FRCP Site Visit Photo Checklist

Attachment C: Inspection Checklists

Schedule for Facility BMP Implementation

Attachment D: Suggested BMP Practices

Attachment E: Education & Training

1.0 Program Overview

As a regulated Municipal Separate Storm Sewer System (MS4), the City of Bellevue (City) is required to develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from agency operations. The developed program includes employee training to prevent and reduce stormwater pollution from activities at facilities listed in **Attachment A**. Facility Runoff Control Plans (FRCP) are one tool used by the City to comply with these requirements.

Maintenance facilities operated by the City serve as a base for maintenance operations providing many important services such as, but not limited to, snow removal and ice control, street and bridge maintenance, landscaping and mowing, fleet maintenance and repair, fueling operations, signal and lighting repair, sign maintenance, animal removal, pickup of roadway litter and debris household hazardous waste collection and sewer maintenance. These operations mostly occur inside of the regulated MS4 permit boundary.

A FRCP provides the City maintenance facility staff with a comprehensible approach to protecting the quality of stormwater leaving a maintenance facility using good housekeeping and pollution prevention Best Management Practices (BMP). The Good Housekeeping/Pollution Prevention goals for this effort include:

- ▶ Reduce the risk of discharging targeted pollutants into a storm drain system that may contaminate waterways from maintenance facilities.
- ▶ Inform and educate maintenance facility staff about the personal actions recommended for managing target pollutants within individual facilities.
- ▶ Track on-going pollution prevention and good housekeeping efforts conducted at each facility in order to quantify effectiveness of stormwater protection.
- ▶ Demonstrate compliance with the program, including training, to reduce pollutant runoff from maintenance facilities.
- ▶ Maintain consistency with existing environmental stewardship efforts and regulatory compliance obligations fulfilled at each facility.

This FRCP development document is divided into the following sections:

- ▶ **Section 2.0** provides an overview of the FRCP documents and development process.
- ▶ **Section 3.0** describes the maintenance facility good housekeeping and pollution prevention target pollutant categories.
- ▶ **Section 4.0** describes how FRCP elements will be developed and implemented over time.

2.0 Facility Runoff Control Plans

2.1 Overview

A Facility Runoff Control Plan (FRCP) is a living document that provides stormwater quality education, facility inspection, and corrective action guidance for City maintenance facility staff. Facility staff use the site-specific information provided in the document to identify potential target pollutants and sources. Good housekeeping and pollution prevention methods are recommended which are largely based on personal actions and planning efforts described as non-structural Best Management Practices (BMPs). The primary focus of a FRCP is encouraging implementation of effective non-structural BMPs.

2.2 Plan Elements

A Facility Runoff Control Plan (FRCP) is developed from a standardized selection of target pollutant information (Section 3.0) and is tailored to target the potential pollution sources and discharge locations at each facility. To keep information organized, a FRCP is kept in a three-ring binder at the maintenance facility it was developed for. Site specific details in the FRCP include the following information:

- ▶ A **Title Page** that identifies the facility name and the date of the most recent version;
- ▶ A **Vicinity Map** that identifies adjacent land uses and receiving waters;
- ▶ An **Overview** of the major facility operations;
- ▶ A **Responsibility Chart and Reporting Procedures**;
- ▶ Identification and description of **Target Pollutants and Pollutant Sources**;
- ▶ A **Site Map** that corresponds with the **Inspection Checklist and Instructions**; and
- ▶ Blank **Corrective Action Logs** for completion with facility Inspection Checklists.

2.3 FRCP Development Team

The FRCP Development Team represents a small group of individuals from the City's Public Works Department and third-party consultants, as needed, charged with the responsibility of maintaining consistent standards. The Team is responsible for evaluating each facility, educating and training facility staff, developing the FRCP document, and monitoring implementation of the FRCP.

2.4 Development Process

Development of each FRCP requires preparation, data collection when on-site, and timely follow-up. A description of the development process is described below.

Facilities Runoff Control Plan (FRCP) Program

- ▶ **Facility Contact and Scheduling (Section 2.4.1)**
 - Notify Department Supervisors of intended facilities to inspect.
 - Contact the main facility personnel as designated by the Department Supervisor.
 - Schedule initial facility visit and basic stormwater education session.
 - Complete desktop assessment of facility to prepare for facility visit.
- ▶ **Facility Evaluation (Section 2.4.2)**
 - Mobilize FRCP Development Team on-site and explain the development procedures to key City personnel.
 - Complete a Facility Evaluation Questionnaire for information about the facility.
 - Complete a walkthrough of the entire facility, asking questions along the way, taking additional notes and digital photographs using the photo checklist.
 - Schedule the next visit and identify staff members who must attend to be trained as qualified inspectors.
 - Provide Basic Good Housekeeping/Pollution Prevention Education for all facility staff whenever possible.
- ▶ **FRCP Implementation and Updates (Section 2.4.3)**
 - Compile all information gathered into a FRCP document.
 - Within two (2) weeks of the inspection, mobilize the FRCP Development Team and introduce the document to all the facility staff who will become qualified inspectors.
 - Use the current site map, inspection checklist, and Corrective Action form to teach the qualified inspectors how to conduct the facility inspections.
 - The FRCP Development Team identifies any revisions that need to be made to the FRCP before submitting the updated document to the Facility.
 - Provide a Question-and-Answer session with Facility staff before leaving the site.
 - The Main Site Contact(s) may make minor additions/revisions by writing on the current document.
 - The FRCP Development Team may provide assistance to make revisions to the current document when there have been significant changes to the facility.

2.4.1 Facility Contact and Scheduling

The FRCP Development Team contacts the Department Supervisors and Main Site Contact(s) to schedule a facility visit and staff education. Basic information is collected from the Main Site Contact(s) about the facility location, operations, and staff. Between the initial contact and the site visit, a desktop analysis is conducted to ensure the visit is efficient for everyone involved. The desktop analysis identifies helpful information such as a site map, nearest receiving waters, an organization chart, preliminary list of target pollutants, and recommended inspection questions about the management of such pollutants.

2.4.2 Facility Evaluation and GH/PP and Stormwater Education

The FRCP Development Team conducts an initial evaluation of the facility to obtain information necessary for developing the facility specific FRCP. The majority of the facility evaluation is conducted with staff that has been selected to be involved in continuous implementation of the FRCP recommendations. A Facility Evaluation Questionnaire is completed to ensure all relevant information is collected. The facility evaluation visit should also include an introductory educational presentation for all facility maintenance staff (discussed further in Section 4.5.1) and a facility walkthrough.

The facility walkthrough is conducted to provide the FRCP Development Team an opportunity to ask questions about specific site conditions as well as propose hypothetical housekeeping issues to determine how the facility is operated and maintained. The walkthrough is a good time to allow facility staff to ask questions about alternative good housekeeping/pollution prevention techniques that may be of interest. The FRCP Development Team documents the site thoroughly with field notes and digital photographs for reference back at the office. Following the walkthrough, the group completes all remaining information on the Facility Evaluation Questionnaire, ensuring that the facility evaluation is consistent and comprehensive. The visit is concluded by fielding any lingering staff questions and scheduling the next site visit.

2.4.3 FRCP Implementation and Updates

The FRCP Development Team continues to develop the FRCP using information collected during the site visits. In order to keep the development process on track, the FRCP is updated within two (2) weeks of a facility visit by the FRCP Development Team. The FRCP includes defining the facility inspection areas, coordination of inspection questions, and confirmation of target pollutants of concern based on actual site conditions. The FRCP also includes information specific to each facility such as existing references, procedures, and/or classifications to ensure the document is relevant.

The FRCP Development Team returns to deliver the FRCP and to conduct FRCP Inspector Training (discussed further in Section 4.5.2). All individuals who will be responsible for conducting FRCP inspections must attend the training. The FRCP is used as the training material for FRCP Inspector Training. This method allows the FRCP Development Team to introduce facility staff to the individual FRCP features during the training.

The FRCP Development Team conducts the first official site inspection with the site inspectors, allowing them to get a feel for the FRCP and learn the expectations for documentation and verification of Corrective Actions. The visit concludes the first official inspection with a question-and-answer session with staff. All staff members completing the FRCP Inspector Training are considered Qualified Inspectors and must sign the FRCP document following the training.

The FRCP Development Team makes all revisions to the document and will send updated pages to the facility with a new revision number and date listed on the cover sheet. The FRCP is continually maintained on-site, and copies of inspection records are not submitted to the FRCP Development Team, but kept in the facility binder.

Facilities Runoff Control Plan (FRCP) Program

Updates to the FRCP can be made for various reasons. There is currently no permit requirement for the frequency of updating an FRCP on a regular basis. Each FRCP should reflect the current conditions on-site. Any substantial changes to the facility, staff, procedures, or materials used after the FRCP has been finalized must be noted by hand in the FRCP until a revised edition can be made. All revisions in the FRCP should be initialed and dated in the facility's master copy of the FRCP.

3.0 Maintenance Facility Target Pollutant Identification

The FRCP is developed with the primary focus placed on enabling facility staff to identify potential problems and take actions that reduce the risk of stormwater pollution. The first step in this process is to identify the common target pollutants found at maintenance facilities. Every facility has unique conditions and target pollutants, but Section 3.1 identifies the common target pollutants that can be anticipated at most facilities. The second step is to connect maintenance facility activities with the potential to discharge these target pollutants. Section 3.2 identifies the five target pollutant categories used in each FRCP. *Table 1* displays the key maintenance items and specific activities that can create and cause target pollutants to contaminate stormwater.

Table 1: General Maintenance - Facility Target Sources and Pollutants

TARGET SOURCES	TARGET POLLUTANTS
Waste Material	Toxic Chemicals
Product Material	Trash and Debris
Building and Grounds	Sediment
Vehicles and Equipment	Heavy Metals
Storage Tanks	Chloride
	Pesticides
	Petroleum Fluids
	Nutrients
	Pathogens
	pH

3.1 Target Pollutants

3.1.1 Petroleum and Vehicle Fluids

Petroleum products (e.g., gasoline, diesel fuel, motor oil and other lubricants), antifreeze, and hydraulic fluids are common pollutants deposited on the ground at maintenance facilities. Many of these products may contain special additives, which may be toxic to humans and aquatic life. Potential sources of these products at maintenance facilities include leaks from vehicles and machinery and vehicle maintenance activities such as fueling, changing oil and washing.

3.1.2 Pesticides

A pesticide is a chemical agent designed to control pest organisms. The most common forms of pesticides are organic chemicals designed to target insects (insecticides) or vascular plants (herbicides). Pesticides are routinely detected in surface waters largely because water is one of the primary media in which pesticides are transported from targeted applications – the pest – to non-intended parts of the environment. Using pesticides for chemical weed control and integrated pest management activities requires storage at maintenance facilities which can become a potential source of pollution if managed improperly.

3.1.3 Metals

Dissolved and suspended metals are found in stormwater runoff above a certain threshold may harm aquatic life. These metals come from various sources and activities, including fuel combustion, brake pad wear (copper), tire wear (cadmium and zinc), metal corrosion, pressure-treated wood and creosote posts used for guard rails (arsenic), paints, herbicides and other materials. Maintenance facilities become a central location for much of the materials and equipment that can be a source of dissolved and suspended metals in stormwater.

3.1.4 Sediment

An amount of sediment transported by stormwater in excess of natural concentrations is considered a pollutant. Additionally, potential pollutants (e.g., metals and nutrients) attached to sediment particles are transported with the sediments to receiving waters and increasing the potential for water quality impacts. Potential sources of sediment in runoff from maintenance facilities include tracking, transport and storage of loose bulk materials (e.g., sand or other aggregate), grading-related activities un-vegetated soils, and soil erosion.

3.1.5 Litter and Debris

Litter and debris in stormwater accumulate in the manufactured form of paper, aluminum cans, styrofoam, plastic waste products and other items commonly discarded inappropriately. These pollutants can be transported by wind and stormwater into the storm drainage system. Litter and debris is often brought to maintenance facilities after street sweeping, storm drain maintenance, and right-of-way cleanup activities. Litter in surface waters can inhibit the growth of aquatic vegetation, harm aquatic organisms by ingestion or entanglement, convey other pollutants, such as toxic substances and cause aesthetic problems on shorelines of ponds and lakes. In addition to impacting water quality, these items may obstruct the stormwater drainage system and cause property damages.

3.1.6 Nutrients

Nutrients include any substance taken up by living things to promote growth. The term generally applies to nitrogen and phosphorus, but is also applied to other essential trace elements less commonly used. Excessive amounts of nutrients that make their way to receiving waters can over-stimulate the growth of aquatic plants causing extreme algal blooms leading to low dissolved oxygen levels and can result in fish kills, foul odors, and limited public use. Some of the possible sources of nitrogen and phosphorous from maintenance facilities include storage of fertilizers, decaying plant materials from tree trimming, vegetation management surfactants and emulsifiers and natural sources such as the mineralized organic matter in soils.

3.1.7 pH

The pH of a water sample is a measure of its acidity (acid) or alkalinity (base). Water that is acidic or alkaline may causes harm to aquatic organisms or consumers of the water, and may even result in damage to equipment and materials. Maintenance activities that may change the

pH of runoff include the storage of batteries holding battery acid, parts washing and management of concrete wastes.

3.1.8 Pathogens

Pathogenic microorganisms, such as viruses and bacteria, can be extremely variable in natural conditions making them difficult to measure and control. A group of pathogenic microorganisms known as coliform is commonly measured as an indicator of the potential presence of pathogens with fecal origin which can cause significant health issues in humans and other water consumers. Sources of total and fecal coliforms in stormwater runoff are everywhere (e.g., soil microorganisms, wild and domestic animal droppings, etc.). Maintenance facilities must control specific sources of coliform from any animal wastes, non-permitted sewer connections to a storm drain or receiving stream, seepage from septic tanks and spillage from portable toilets.

3.1.9 Chlorides and Sulfates

Winter roads maintenance requires the use of chemicals and abrasives in large enough quantities to keep roadways safe for travel. Maintenance facilities store large quantities of sand and salt in preparation for use during storm events. To prevent salts from caking, a variety of chemicals are added to the stockpiles. Chlorides and sulfates are all dissolved substances that may be toxic to receiving waters in strong enough doses. Chlorides and sulfates will typically runoff during rain events from unmanaged maintenance facilities eliminating stream channel vegetation which is essential for a healthy aquatic ecosystem and the prevention of stream bank erosion.

3.2 Target Source Categories

Target pollutants are generated from one of five potential sources that occur at maintenance facilities. Using appropriate Best Management Practices (BMPs) for each of the sources depicted in *Figure 1* and described below helps ensure that all potential pollutants are addressed.



Figure 1: Pollutant Sources & BMPs

3.2.1 Building and Grounds Maintenance

Maintenance facilities require building and grounds management, which includes care of landscaped areas around each facility, cleaning of parking areas and pavements, and maintenance of the stormwater drainage system. Tasks to perform these activities include equipment operation, litter/trash pickup and maintenance landscaping, which can in turn result in spills, leaks, trash, sewage, erosion and chemical vegetation control. Potential target pollutants could include sediment, litter, trash, sewage, pesticides, fuel, hydraulic fluid and oil. **Buildings and grounds must be maintained in a manner that reduces the risk of discharging pollutants to the stormwater drainage system.**

3.2.2 Vehicle and Equipment Management

Maintenance facilities are the primary staging areas for all vehicles and equipment used to operate and maintain roads and properties owned by the City. All vehicles and equipment require operation and management of some type, which may include storage, fueling, cleaning, maintenance and repair. Haphazard management actions can quickly lead to substantial spills, leaks, and non-stormwater discharges. **Vehicle fluids at fueling areas as well as equipment washing, storage, and maintenance areas must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

3.2.3 Storage Tank Management

Bulk storage tanks full of stock products are a typical feature of most maintenance facilities and they generally come in all shapes and sizes. Substances contained in storage tanks may include soil stabilizers, dust suppressants, herbicides, fertilizers, de-icing chemicals, fuels, lubricants and other petroleum products. A Spill Prevention Control and Countermeasure (SPCC) plan may be in place to reduce the risk of pollution from certain petroleum products, but all bulk storage tanks generate a certain level of risk of discharge to adjacent drainages and receiving waters. **Storage tanks must be protected and maintained in a manner that reduces the risk of discharging pollutants to the stormwater drainage system.**

3.2.4 Waste Material Management

Activities at maintenance facilities generate many types of wastes that accumulate or may be discharge into the environment. Types of wastes that must be managed include construction salvage materials such as rubble, fencing, soil, aggregate; recyclables such as scrap metal, tires, spent partswasher solvent, used oil, and used batteries. Waste materials can also include trash and debris, empty product containers, and rinse water. Personnel need to reference the Department-specific procedures or the City's standard guidance regarding waste handling to determine the appropriate methods for managing all types of waste. **Both hazardous and non-hazardous wastes must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

3.2.5 Product Material Management

Maintenance facilities store a large variety of products that could be harmful to the environment if they come into contact with surface waters. Materials that may be stored include pesticides, petroleum products, paints, concrete and asphalt products, and solvents. Storage and handling practices that minimize exposure of these materials to stormwater can significantly minimize the potential for receiving water contamination. Large stockpiles of materials located on maintenance lots require responsible management just as much as products that are stored indoors or under cover. **All product materials must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

Suggested BMP practices for Building and Ground Management, Vehicle and Equipment Management, Waste Materials Management, and Product Material Management are found in **Attachment D.**

4.0 Continuous Implementation

4.1 Administrative Support

All facilities are encouraged to contact the FRCP Development Team with questions about conducting facility inspections and maintaining records as well as suggesting appropriate BMPs and pollution prevention efforts.

4.2 Responsibilities and Organization

Continuous implementation of the FRCP relies on designated maintenance facility staff as well as Department Supervisors. *Table 2* outlines the specific expectations and responsibilities of each City employee involved with the FRCP continuous implementation process.

Table 2: Staff Responsibilities for FRCP Continuous Implementation

Department Supervisors	<ul style="list-style-type: none"> ▶ Assist in problem resolution when requested by Main Site Contact(s)
Main Site Contact(s)	<ul style="list-style-type: none"> ▶ Coordinate facility staff for training events and facility inspections ▶ Participate in training with FRCP Development Team ▶ Verify facility inspection reports and Corrective Actions are complete ▶ Contact the FRCP Development Team for assistance with troublesome Corrective Actions ▶ Participate in facility Audits with FRCP Development Team ▶ Maintain and up-date as needed the FRCP Binder/File
Facility Inspectors	<ul style="list-style-type: none"> ▶ Conduct at least one (1) inspection every six (6) months ▶ Participate in education and training with FRCP Development Team ▶ Participate in facility Audits with FRCP Development Team ▶ Take immediate and scheduled actions when possible to reduce stormwater pollution risk

4.3 Decision Making Process

Continuous implementation of the FRCP Program is broken into four stages: Inspections and Evaluations, Corrective Actions, Recordkeeping, and Reporting. All stages must be conducted to support the annual compliance reporting effort and to reduce the risk of stormwater pollution from City maintenance facilities. The four stages are discussed in detail below.

4.3.1 Inspections and Evaluations

Inspection forms are included in with the FRCP document. Each inspector is trained to identify potential problems and likely Corrective Actions using their FRCP document. The main facility contact will designate a time every six (6) months for at least one (1) qualified individual to walk the facility and complete an inspection. Inspections will be conducted quarterly. Frequency of inspections will be re-evaluated at the end of each year. At least once every five (5) years, the

facility will undergo an Audit to determine the level of compliance and need for additional training. Section 4.4 describes FRCP Audits and **Attachment C** includes checklists for audits.

4.3.2 Corrective Actions

Site inspectors will make the determination if an immediate Corrective Action can resolve a problem or if it must be scheduled through the main facility contact. In all cases, the recommended Corrective Actions should be completed before the next rain event or facility inspection, whichever is first. In the event that a recommended Corrective Action is insufficient or a similar problem continues to come about that could be solved through a structural management practice, the responsibility to take appropriate Corrective Action is sent up the chain of command and the Corrective Action form will reflect actions taken to resolve the problem. All reasonable and prudent efforts are expected in order to reduce the risk of stormwater pollution until a final Corrective Action is made.

4.3.3 Recordkeeping

Each main contact at each facility reviews and verifies the completed inspection forms and Corrective Actions prior to filing the forms with the FRCP. Records are kept with the FRCP for at least five (5) years as a reference when a Facility Audit is completed. Each facility will be responsible for maintaining the records of all Audits and FRCP training and education.

4.3.4 Reporting

The City's Public Works Department will summarize all FRCP Program activity for inclusion in the MS4 Annual Report. A narrative and numeric description of efforts will be completed for education and training, inspections and Corrective Actions as well as FRCP Audits. Information gathered from each facility will be used to summarize a city-wide perspective for FRCP Good Housekeeping and Pollution Prevention efforts.

4.4 Audits

The FRCP supports the City of Bellevue stormwater management program. The FRCP document sets up facility Good Housekeeping/Pollution Prevention inspections to be conducted by Qualified Facility Inspectors quarterly at approximately 6-month intervals using the form provided in the FRCP. A FRCP Audit will be conducted every five (5) years at a minimum.

The audit checklists, included in **Attachment C**, have been developed to aid in assessing a facility's compliance with the requirements as they were expressed in the FRCP document. The primary outcome of an FRCP audit is the identification of opportunities to improve compliance with City of Bellevue Good Housekeeping/Pollution Prevention practices. Audits also allow the FRCP Development Team to look at the program's overall impact in terms of environmental protection and pollution prevention. The results of the audits will be used to address the FRCP program's progress in the MS4 Annual Report.

4.4.1 Qualified Auditors

An auditor shall be a qualified person familiar with the Facility Runoff Control Plan program and the goals thereof. The auditor must be familiar enough with the FRCP program to conduct an audit that will collect the data necessary to make a meaningful evaluation of the facility's compliance status and the effectiveness of the program in achieving its goals. The auditor must sign off on the Audit Checklist and distribute the completed checklist to the appropriate parties. If additional Auditors are needed, third party consultants may be used. The FRCP Development Team is responsible for selecting and training FRCP Auditors. To become a qualified auditor, the individuals would need to attend a FRCP inspection and become familiar with the FRCP program.

4.5 Education and Training

Providing training opportunities and education materials relevant to maintenance facility staff is an ongoing consideration for the FRCP Development Team. A major goal of this program is to inform and educate maintenance facility staff about the personal actions recommended for managing pollutants of concern within individual facilities throughout the City. A brief summary is provided below and more detailed information regarding education and training is included in **Attachment E** of this document along with training logs.

4.5.1 Basic Stormwater Awareness - Good Housekeeping/Pollution Prevention

The FRCP Development Team provides a short, in-house education session for all maintenance facility staff at the time of the first FRCP facility visit, and annually with new staff. The session is intended to give the audience a general understanding of how good housekeeping and pollution prevention actions relate to protection of stormwater quality. The primary message for the audience is that each employee has a personal responsibility to protect water quality by staying alert and looking for potential pollution sources. The secondary message is that these efforts will help the City comply with the MS4 permit requirements.

4.5.2 FRCP Inspector Training

A focused education session is provided for all maintenance facility staff selected to be involved with implementing the site specific FRCP. This session is provided during the second site visit by the FRCP Development Team. The session uses the FRCP developed for that site as the learning materials. Learning objectives are accomplished through hands-on use of the FRCP documents. The primary message for the audience is that the FRCP is a living document that must be maintained in order to demonstrate compliance with the stormwater permit issued to the City. Each facility must maintain at least one (1) qualified site inspector at all times.

4.5.3 On-going GH/PP and Stormwater Education

The City's Public Works Department continually looks to identify and develop on-going Good Housekeeping/Pollution Prevention (GH/PP) and Stormwater education materials that also

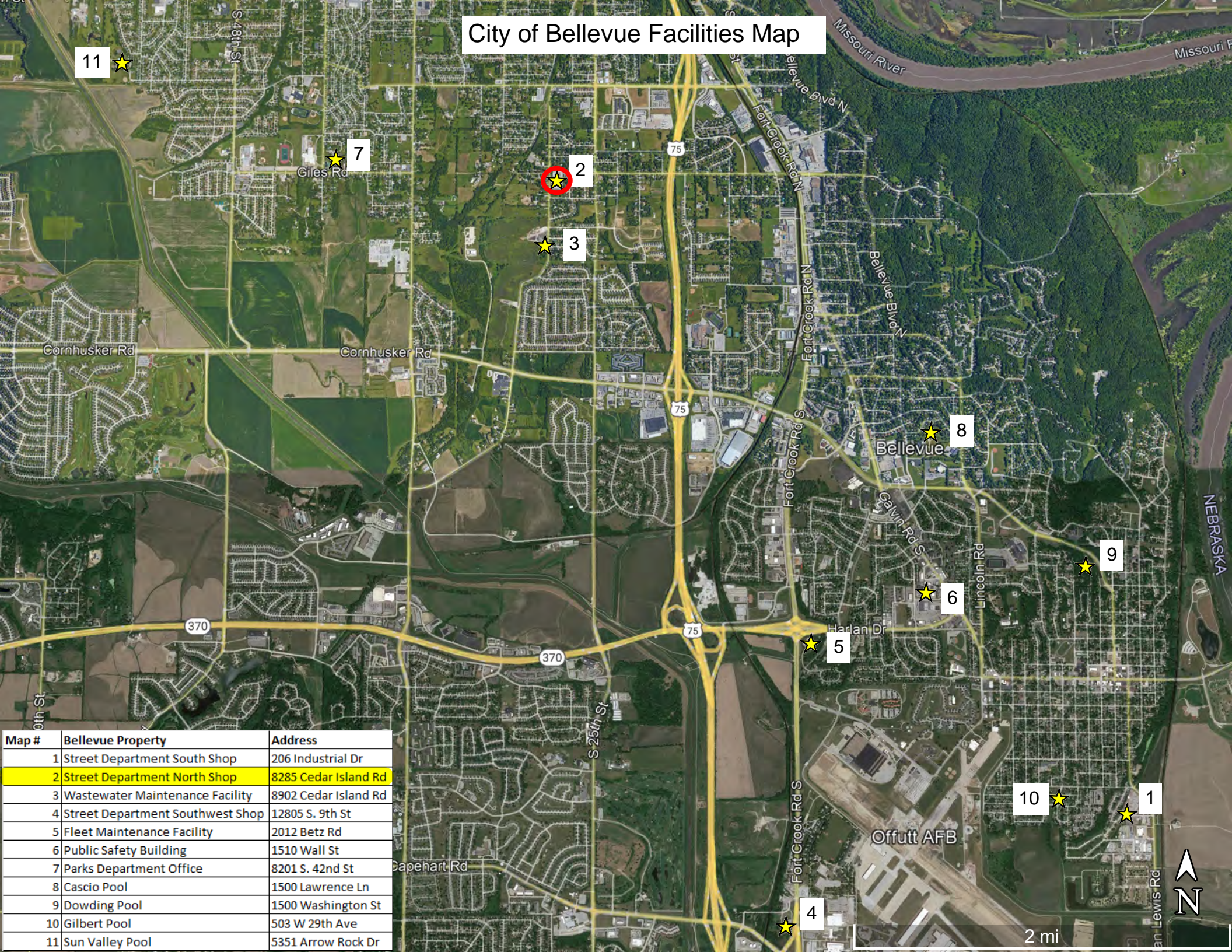
Facilities Runoff Control Plan (FRCP) Program

support the FRCP Program. On-going GH/PP and Stormwater education is provided in a number of ways including on-line training, safety meetings, posters/brochures, and conferences. Individualized GH/PP and Stormwater education topics are provided at each facility on an as needed basis.

ATTACHMENT A

CITY OF BELLEVUE FACILITIES MAP

City of Bellevue Facilities Map



Map #	Bellevue Property	Address
1	Street Department South Shop	206 Industrial Dr
2	Street Department North Shop	8285 Cedar Island Rd
3	Wastewater Maintenance Facility	8902 Cedar Island Rd
4	Street Department Southwest Shop	12805 S. 9th St
5	Fleet Maintenance Facility	2012 Betz Rd
6	Public Safety Building	1510 Wall St
7	Parks Department Office	8201 S. 42nd St
8	Cascio Pool	1500 Lawrence Ln
9	Dowding Pool	1500 Washington St
10	Gilbert Pool	503 W 29th Ave
11	Sun Valley Pool	5351 Arrow Rock Dr

2 mi



ATTACHMENT B

FACILITY PROFILE & QUESTIONNAIRE

HOT SPOT INVESTIGATION FORM

AERIAL MAP & SITE PHOTOS

FRCP SITE VISIT PHOTO CHECKLIST

Maintenance Facility Runoff Control Plan

Facility Profile & Questionnaire

Please provide the following information:

General Information	
Maintenance Site Name	City of Bellevue Street Maintenance Shop District 1 – North Shop
Physical Street Address	8252 Cedar Island Road
City, County, State, Zip	Bellevue, Sarpy, NE 68147
Latitude & Longitude	41° 10' 38.86" N 95° 57' 13.32" W
Facility Supervisor	Bobby Riggs
Main Site Contact	Bobby Riggs
Main Site Contact's Phone Number	(402) 293-3126 bobby.riggs@bellevue.net
Additional Site Contacts	

Site Activities	Circle
Stationary Liquid Deicer Storage Tanks? If yes, provide the tank quantity: <u>10,000</u> gallons Secondary containment/protection? If yes, provide type of secondary containment/protection: _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No <input type="radio"/> Yes or <input checked="" type="radio"/> No
Solid Deicer Storage? Covered? Bermed? List types of deicer: <u>Gravel, Salt</u>	<input checked="" type="radio"/> Yes or <input type="radio"/> No <input checked="" type="radio"/> Yes or <input type="radio"/> No <input type="radio"/> Yes or <input checked="" type="radio"/> No
Vehicle Maintenance?	<input type="radio"/> Yes or <input checked="" type="radio"/> No
Vehicle/Equipment Washing? Wash bay or outdoor washing: <u>Outdoors</u>	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Outdoor Plow Storage?	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Outdoor Stockpiles? Describe the type of stockpile (<u>sand</u> , <u>gravel</u>), millings, mulch, <u>asphalt cold patch</u> , <u>winter mix</u> , <u>construction debris</u> , <u>excavated soil</u> : _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Vehicles & Equipment Parked Outdoors? If yes, list the vehicles/equipment (i.e. fuel vehicles, oil distributor, etc): _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Other Activities:	

Solid Waste Activities		Circle		
Hazardous Waste Generator Status -N/A		VSQG	SQG	LQG
Do you reference the Waste Manual for waste disposal decisions? <input checked="" type="radio"/> Yes or No				
Universal Wastes at Facility (Title 40 of the Code of Federal Regulations (CFR) in part 273)		Batteries Lamps Mercury Containing Items <input checked="" type="radio"/> Pesticides Aerosol Cans		
Is there an outside storage area for hazardous materials or hazardous waste? Yes or <input checked="" type="radio"/> No				
Is antifreeze stored on-site? Yes or <input checked="" type="radio"/> No If yes, what is it stored in? _____				
How is used antifreeze managed?		Recycled w/ outside company Reused on-site Sold		
Has waste antifreeze been tested for hazardous vs. non-hazardous? Yes or No				

*VSQG = Very Small Quantity Generator, SQG = Small Quantity Generator, LQG = Large Quantity Generator
<https://www.epa.gov/hwgenerators/categories-hazardous-waste-generators>

Grass & Weed Control Activities	
Are pesticides stored on-site? If yes, where? <u>Indoors, in jugs in a box</u>	<input checked="" type="radio"/> Yes or No
Are fertilizers stored on site? If yes, where? _____	Yes or <input checked="" type="radio"/> No
Are personnel certified or educated on application methods? <input checked="" type="radio"/> Yes or No	

Solvent Usage and Storage		
Are there any solvent parts washers used on-site? - None		
Chemical Name	CAS Number	Yearly Usage
Is any aqueous cleaning done?		

Used Oil Activities		Circle
Aboveground oil storage tanks (ASTs)	Used Oil	<input checked="" type="radio"/> Gasoline <input type="radio"/> Diesel Equip. Hydraulic Tank
Any underground storage tanks (USTs)?	<input checked="" type="radio"/> Yes or No If yes, describe: <u>Septic Tank</u>	
Do you have a Spill Prevention, Control, & Countermeasure (SPCC) Plan?	Yes or <input checked="" type="radio"/> No	
How is used oil disposed of?	Describe (hazardous or nonhazardous, recycled): - N/A	
Do you burn used oil on-site?	Yes or <input checked="" type="radio"/> No If yes, what do you burn it in? _____	

Geographic	
Number of Acres at Facility: 5.92	Impervious Surface Estimate: 15.2%
Are there wetlands on or near the facility?	Yes or <input checked="" type="radio"/> No Type of Wetlands:
Nearest Receiving Water (surface water body):	Name: Missouri River Distance: 9,711'
Name of the watershed the property is located in:	Big Papillion – Mosquito Watershed

Miscellaneous		Circle
Are any wastes disposed of in underground injection wells, septic drainages, or on-site lagoon?	Yes or <input checked="" type="radio"/> No List type of wastes and where they are disposed: _____	
Are there any floor drains? _____	<input checked="" type="radio"/> Yes or No If yes, what do they empty into? <u>Septic Tank</u>	
Are there pits or sumps on-site? _____	Yes or <input checked="" type="radio"/> No Pits Sumps Other: _____	
Are there oil-water separators on-site?	Yes or <input checked="" type="radio"/> No If yes, how many? _____ Who maintains the separators & when? _____	

Miscellaneous Continued

Is the site a Hot Spot, Potential Hot Spot, or Not a Hot Spot?
Hotspot

Are there any drinking water wells on the property?
No

Identify Property Neighbors:

North: Klusaw/Thomas & Janice E Hardin Nicole Michelle Godberson/Martin H & Dianna

South: Zurek's Subdivision - Lots 1-11

East: Kallhoff/Todd P Ryder/Jaclyn C

West: Timmerman/Kevin & Jere L Goers/Donald L Linda Marie

Process Flow

Describe what happens when you transfer or receive new material: i.e. salt, sand, fuel

- Sand is hauled in by Lyman-Richey and stacked in bins at each shop.
- Salt is delivered with grain trucks or belly dump trucks, then stored in an outdoor building or covered structures on site.
- Fuel is hauled in and stored in containment tanks.

Pollution Prevention/Good Housekeeping BMPs:

Describe BMPs being implemented and how often:
No official protocol is currently implemented at this site. Department is looking to implement FRCP plan and recommendations for BMPs for the coming year.

Addition Comments:

Attachments:

Site Diagram(s) / Aerial Photograph, Hot Spot Evaluation Sheet, Site Photo Log

Prepared by: Adam Schneider **Date:** 07 / 18 / 2022

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Street Maintenance Shop Dist 1- North Shop
Inspection Date 6/29/2022
FRCP Inspector Name Tyler Wynn
Facility Address 8252 Cedar Island Rd
Facility Supervisor Bobby Riggs
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained *Repaired* *Recycled*
Fueled *Washed* *Stored*

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid

Description: *Liquid Deicer, salt & sand mix (covered w/tarp, soil, gravel, cold patch asphalt, trash)*

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % *100*
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

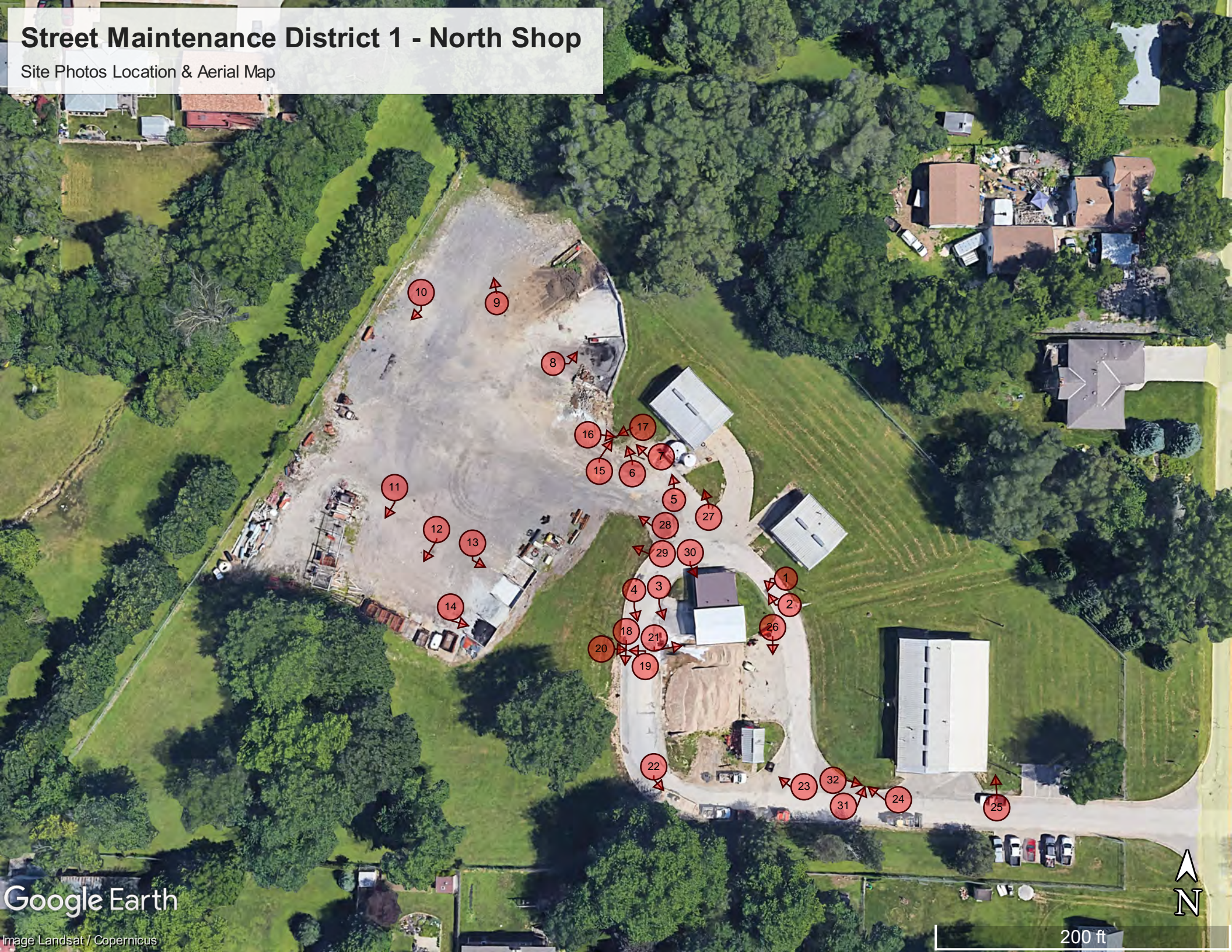
- No diversion berms outside secondary containment of fuel tanks
- Salt/Sand mix is covered with tarp
- Trash dumpster lid is open
- Deicer storage containers are missing labels
- East building drains to septic tank
- All inlets drain to neighboring pond to the west

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 21
 FRCP is required
 Continued education and maintenance is recommended.

Street Maintenance District 1 - North Shop

Site Photos Location & Aerial Map



Picture 1: Grass Debris on Inlet – 6/29/2022



Picture 2: Grass Debris on Inlet– 6/29/2022



Picture 3: Sand, Salt, and Mixed Deicer Runoff into Inlet – 6/29/2022



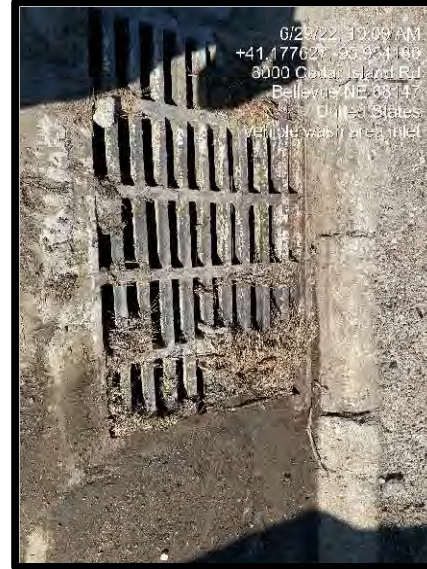
Picture 4: Sand, Salt, and Mixed Deicer Runoff into Inlet – 6/29/2022



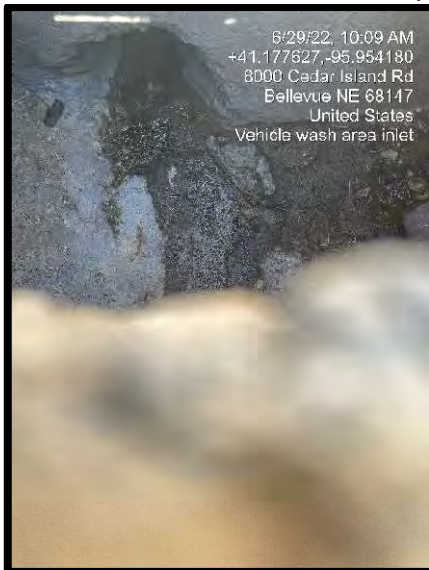
Picture 5: Vehicle Wash Area – 6/29/2022



Picture 6: Vehicle Wash Area Inlet – 6/29/2022



Picture 7: Vehicle Wash Area Inlet – 6/29/2022



Picture 8: Soil and Grizzly Dirt Storage – 6/29/2022



Picture 9: Outdoor Vehicle Storage – 6/29/2022



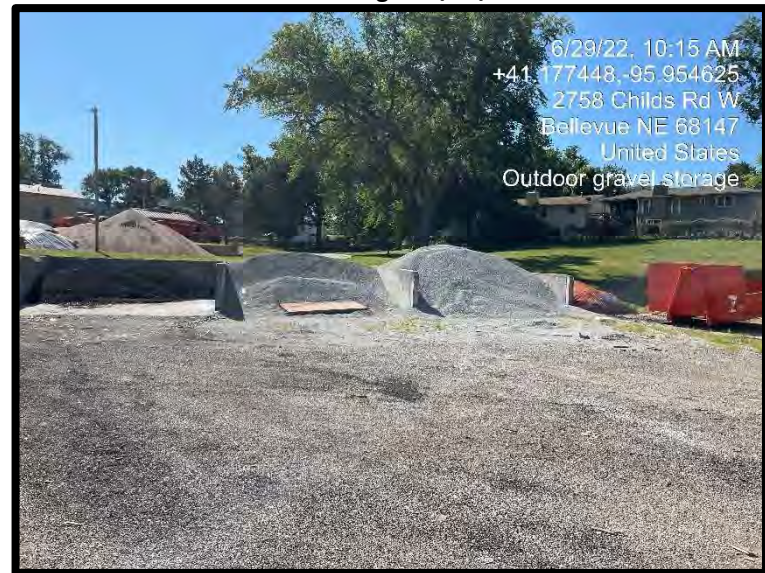
Picture 10: Outdoor Equipment Storage – 6/29/2022



Picture 11: Outdoor Equipment Storage – 6/29/2022



Picture 12: Outdoor Gravel Storage – 6/29/2022



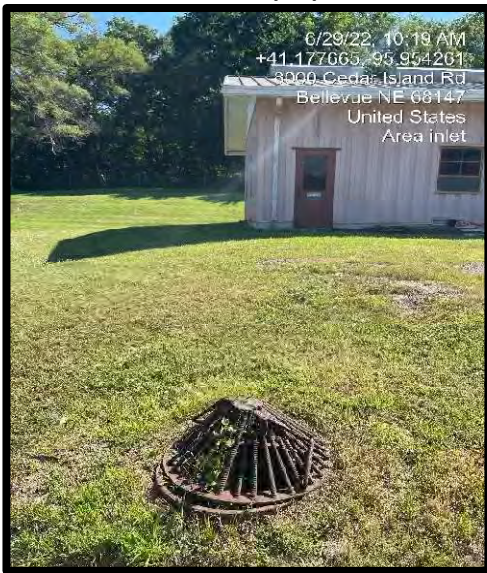
Picture 13: Outdoor Waste Storage – 6/29/2022



Picture 14: Outdoor Cold Patch Asphalt – 6/29/2022



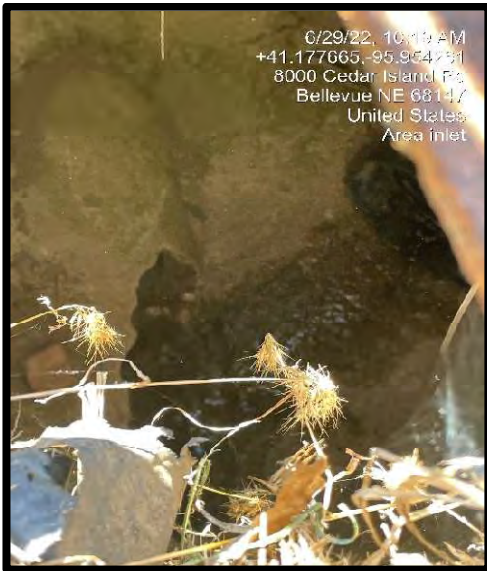
Picture 15: Area Inlet – 6/29/2022



Picture 16: Area Inlet – 6/29/2022



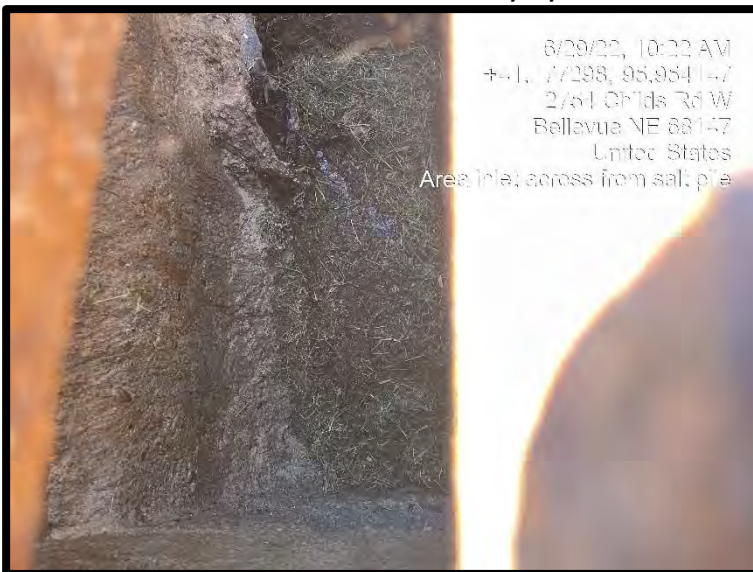
Picture 17: Area Inlet – 6/29/2022



Picture 18: Grass Clippings in Gutter Line – 6/29/2022



Picture 19: Area Inlet Across From Salt Pile – 6/29/2022



Picture 20: Area Inlet Next to Salt Pile – 6/29/2022



Picture 21: Sand and Mixed Storage – 6/29/2022



Picture 22: Sediment Deposit in Roadway – 6/29/2022



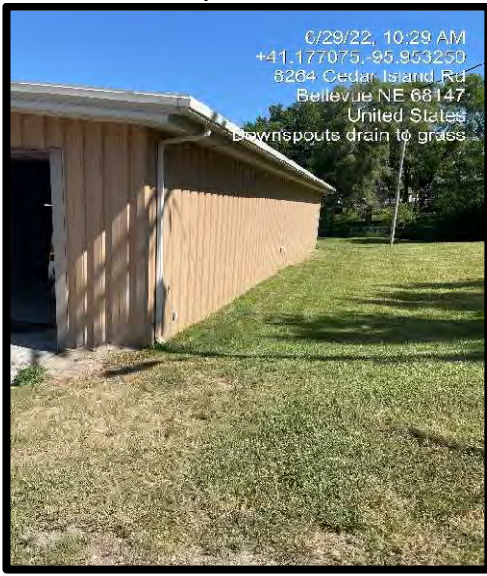
Picture 23: Dumpster – 6/29/2022



Picture 24: General Site – 6/29/2022



Picture 25: Downspouts Drain to Grass – 6/29/2022



Picture 26: Stains on Pavement – 6/29/2022



Picture 27: Liquid Deicer Storage – 6/29/2022



Picture 28: General Equipment Storage Area – 6/29/2022



Picture 29: General Equipment Storage Area – 6/29/2022



Picture 30: Fueling Area – 6/29/2022



Picture 31: Drain from Building – 6/29/2022



Picture 32: Grass Clippings in Gutter Line – 6/29/2022



FRCP Site Visit Photo Checklist

Municipal Maintenance Facility: Maintenance District 1 - North Shop

Facility Address: 8252 Cedar Island road

Photo Description	✓	Date
1. Front of Facility/Main Office	✓	6/29/22
2. Stormwater Drainages: Outfalls, drainage swales, ditches	✓	6/29/22
3. Paved Areas (including millings areas)	✓	6/29/22
4. Exposed Soil & Gravel	✓	6/29/22
5. Floor Drains, Trench Drains, Oil-water Separators	✓	6/29/22
6. Vehicle & Equipment Washing	✓	6/29/22
7. Parked Vehicle & Equipment Storage: Plows, Forklifts, Loaders, Vehicles	✓	6/29/22
8. Vehicle & Equipment Fueling	✓	6/29/22
9. Vehicle & Equipment Maintenance & Repair		
10. Stockpiled Materials: winter mix, sylvex, salt, mulch, millings	✓	6/29/22
11. Weed & Pest Management Chemicals		
12. Paints, Adhesives, Solvents		
13. Petroleum Oils & Fluids	✓	6/29/22
14. Aboveground Storage Tanks: Winter chemicals, fuel, oil, etc.	✓	6/29/22
15. Underground Storage Tanks		
16. Waste Materials: Trash bins, Waste drums	✓	6/29/22
17. Construction Salvage: Rubble, Fencing, Soil, Aggregate	✓	6/29/22
18. Recyclables: Scrap Metal, Used Batteries, Tires, Used Oil		
19. Mechanics Shop	✓	6/29/22

N/A = not applicable (no photo needed)

✓ = photo taken and included with program FRCP records (include date taken above)

ATTACHMENT C

INSPECTION CHECKLISTS
SCHEDULE FOR FACILITY BMP
IMPLEMENTATION

Maintenance Facility Runoff Control Plan Inspection Checklist

SECTION I: Site Information	
Facility Name	
Inspection Date	
FRCP Inspector Name	
Facility Address	
Facility Supervisor	
Main Site Contact	
Other Contacts	

SECTION II: Inspection Records Review (*attach copies of all reviewed inspection records)	
1. Is facility inspection and records complete and thorough?	Y or N
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Walk Facility & Note Any Significant Observations:	
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Overall, is the intent of the FRCP understood?	No	/	Somewhat	/	Yes
Are regular inspections being conducted?	No	/	Sometimes	/	Yes
Are inspection questions consistent with facility conditions?	No		/	Yes	
Are inspection boundaries correct?	No		/	Yes	
Are conditions at the facility consistent with inspection records?	No	/	Somewhat	/	Yes

List changes that need to be made to the FRCP document or inspection form:

-

List recommendations or corrective actions based on inspection:

-

Section V: Overall Facility Grade (circle one)

Needs Improvement	Satisfactory	Outstanding
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FRCP Inspector: _____
(Printed Name)

(Signature)

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(Printed Name)

(Signature)

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(Signature)

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Facility Supervisor: _____
(Printed Name)

(Signature)

ATTACHMENT D

SUGGESTED BMP PRACTICES

Building and Grounds Management

The following are examples of potential pollution sources and/or potential pollutant conveyances:

- Stormwater Drainages- drain inlets, ditches, and outfalls
- Infiltration, Retention, and Detention BMP's Surfaced Areas Exposed Soil
- Gravel and Millings Floor Drains
- Trench Drains
- Oil-Water Separators

Suggested Best Management Practices (BMP's)

a) Keep culverts, ditches, gutters, drain inlets, catch basins, and outfalls as well as infiltration, retention and detention areas free of target pollutants and in good condition.

b) Sweep surfaced areas to remove sediment and other materials that could be tracked or dispersed across the facility. Do not wash or spray materials into the storm drain system.

c) Inspect and identify areas of erosion, or offsite discharge of sediment or aggregate, that need preventative maintenance.

d) Keep floor drains, trench drains, and oil-water separators clear of build-up or debris to ensure proper drainage.

e) Keep emergency clean-up materials such as drain covers, absorbent booms, rags, or sandbags conveniently located near drain inlets, catch basins, and outfalls to stop pollutants from entering in the event of a spill.

f) Keep surfaced areas in good condition. Protect slopes, flat areas, exposed soil area, or transportation corridors with pavement if vegetation or aggregate are not an option or are inadequate solutions.

Vehicle and Equipment Management

The following are examples of potential pollution sources:

- Vehicle and equipment
- Equipment washing
- Parked vehicle and equipment storage
- Equipment fueling
- Equipment maintenance and repair

Suggested Best Management Practices (BMP's)

- a) Wash all equipment in designated areas (under cover with a pipe to a collection pit and then City sanitary sewer system)
- b) Minimize water usage during cleaning operations and use dry clean-up methods to remove sediments, clippings and other debris.
- c) Use biodegradable detergents if cleaning agents are necessary.
- d) Keep parts, equipment, and vehicles stored indoors or within designated outdoor areas away from storm drains, inlets, or catch basins.
- e) Inspect all connectors and liquid reservoirs on stored equipment and vehicles for leaks. Move leaking equipment and vehicles indoors or capture materials and dispose of properly.
- f) Immediately contain and clean up any spills or releases when they occur, and properly dispose of the cleaning materials.
- g) Cleanup evidence of fuel or oil residues on surfaces by grinning absorbent into the surface and sweeping up the material.
- h) Keep spill response kits and/or clean-up materials in close proximity to areas where spills or leaks are most likely to occur. Dispose of properly after use.
- i) Park vehicles and/or equipment close to the pump when refueling.
- j) Conduct all maintenance on vehicles and equipment indoors whenever possible.

Storage Tank Management

The following are examples of potential pollution sources:

- Substances contained in storage tanks may include soil stabilizers, dust suppressants, herbicides, fertilizers, de-icing chemicals, fuels, lubricants and other petroleum products

Suggested Best Management Practices (BMP's)

- a) Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
- b) Keep valves or plugs on secondary containment closed at all times except when draining uncontaminated water.
- c) Make sure automatic shutoff valves are functioning properly.
- d) A Spill Prevention Control and Countermeasure (SPCC) plan in place to reduce the risk.

Waste Materials Management

The following are examples of potential pollution sources:

- Waste Materials- trash, debris, empty product containers, rinse water, used oil filters.
- Fluids and Materials- gravel, sand, and soil.
- Recyclables- scrap metals, used batteries, tires, spent solvent, used oil

Suggested Best Management Practices (BMP's)

- a) Cover and clearly label all waste receptacles according to waste type.
- b) Collect all litter that accumulates around the facility grounds and dispose in properly labeled containers.
- c) Ensure that trash bins are used and not overflowing by scheduling regular pickup and disposal of waste materials.
- d) Store containers, material, and salvage away from direct traffic routes, drain inlets, catch basins, outfalls, areas prone to flooding or ponding, and floor trench drains to prevent accidental damage or spills.
- e) Educate and train every employee that is their daily responsibility to be aware of materials, residues, and trash that could be washed away in Stormwater.
- f) Develop a plan to reuse or dispose of irregular waste material as soon as the material is brought on site.
- g) Store batteries in an upright position in leak proof covered containers.
- h) Schedule regular pick up for waste tires, scrap metal used oil, used antifreeze and other waste intended for recycling.
- i) If any waste material may be hazardous, complete a waste determination prior to disposal according to Departmental Procedures and keep records at the facility. Any material that poses a significant threat to human health and the environment, contact Hazardous Material Response. If unsure of disposal requirements, contact the Public Works Director for direction.
- j) Store hazardous waste containers (preferred in a building or covered area) on pallets or in a containment device to prevent corrosion of the containers by contact with moisture or other chemicals.
- k) Immediately contain and clean up any spills that may occur, and properly dispose of the cleaning materials.

Product Material Management

The following are examples of potential pollution sources:

- Stockpiled materials - gravel, sand and soil, paints, fertilizers, and other chemicals and pesticides

Suggested Best Management Practices (BMP's)

- a) Locate raw material stockpiles away from drain inlets, catch basins and outfalls.
- b) Sweep up loose product that is outside of designated area to prevent tracking.
- c) Reduce the exposure of stockpiles and limit the amount of stockpiled materials during the rainy season.
- d) To the extent possible, store materials indoors or cover piles with storm resistant coverings to prevent exposure to precipitation.
- e) Minimize the amount of pesticides and fertilizers that are stored on-site at all times.
- f) Store and dispose of pesticides and fertilizers per manufacturer's recommendations.
- g) Store materials in a dedicated area away from direct traffic routes to prevent accidental damage or spills and store materials indoors or under a covered area when possible.
- h) When receiving new product materials, check drums, tanks, and contents.
- i) Ensure all containers are clearly and accurately labeled according to contents.
- j) Close containers between filling and emptying events.
- k) Keep an adequate supply of dry absorbent material and dispose of properly once used

Nebraska Department of Transportation Municipal Pollution Prevention

MAINTENANCE FACILITY Good Housekeeping and Pollution Prevention

Building & Grounds



- Keep culverts, gutters, and catch basins free of pollutants.
- Sweep paved areas to remove dirt, grit, grass clippings and other pollutants.
- Identify and repair off site erosion quickly to prevent impact to vegetation and drainage channels.

Vehicles & Equipment



- Conduct maintenance or repairs away from drain inlets or catch basins.
- Clean up fuel & oil residues with absorbents, then sweep up material.
- Park vehicles & equipment close to pumps and don't top off tank when fueling.

Product Materials



- Locate raw material stockpiles away from drain inlets and catch basins.
- Store materials in a dedicated area away from direct traffic routes to prevent damage or spills.
- Ensure all containers are properly labeled.

Bulk Storage Containers



- Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
- Keep valves or plugs on secondary containment closed at all times except when draining uncontaminated water.
- Make sure automatic shutoff valves are functioning properly.

Waste Materials



- Cover and clearly label all waste receptacles according to waste type.
- Develop a plan to reuse or dispose of construction salvage as soon as material is brought on-site.
- Store batteries in upright position in leak-proof and covered containers.

For more information contact the NDOT at:
Phone: 402-479-4656
Email: dot.operationsenvironmental@nebraska.gov
Address: 1500 Highway 2
 PO Box 94759
 Lincoln, NE 68509-4759
Website: dot.nebraska.gov/projects/environment

What is Stormwater Runoff?

Stormwater runoff is precipitation (rain or melted snow) that flows over land. Stormwater can pick up pollutants as it runs off the land into lakes, streams and rivers. This is called polluted runoff.

Storm drains collect runoff and convey it without treatment directly into water bodies. Polluted runoff can impact drinking water, wildlife, human health, and property values.



What are Common Stormwater Pollutants?



- **Soil, sand, sediments** cloud the water, smother and destroy critical wildlife habitat.
- **Chemicals** (fertilizer, paints and solvents, vehicle fluids, tar sealants, etc.) are carried with runoff and can be toxic to wildlife.
- **Salt**, which is spread on roads, sidewalks and parking lots to melt snow and ice, dissolves in water or snowmelt. Once it gets into our water it cannot be removed. Salt in water bodies can be toxic to aquatic life.
- **Solid waste & debris**, like cigarette butts, leaves, trash and other forms of litter is unsightly and can harm wildlife.

Why is Stormwater Quality Important to NDOT?

Environmental Stewardship combines environmental considerations into the planning, design, construction and operational activities associated with the Nebraska transportation system. NDOT is committed to its role as an environmental steward and to preserving and protecting the environmental features and resources of the state.

Environmental permits are issued to NDOT for controlling many construction and operations activities which may impact water quality. NDOT works to communicate these requirements clearly, equipping Department staff to support compliance activities. In urban areas that have at least 10,000 people, additional stormwater control requirements are necessary to comply with EPA and NDEQ regulations. These permits are referred to as the National Pollutant Discharge Elimination System (NPDES) MS4 Permit.

Good Housekeeping and Pollution Prevention at NDOT Facilities

Maintenance facilities operated by NDOT serve as a base for highway maintenance operations, providing many important services such as snow and ice control, highway and bridge maintenance, landscaping and mowing, fleet maintenance and repair, fueling operations, signal and lighting repair, sign maintenance, animal removal, and pickup of roadway litter and debris. NDOT is required to develop and implement an operation & maintenance program that includes a training component focused on preventing or reducing polluted runoff from NDOT operations.



Good Housekeeping and Pollution Prevention Goals

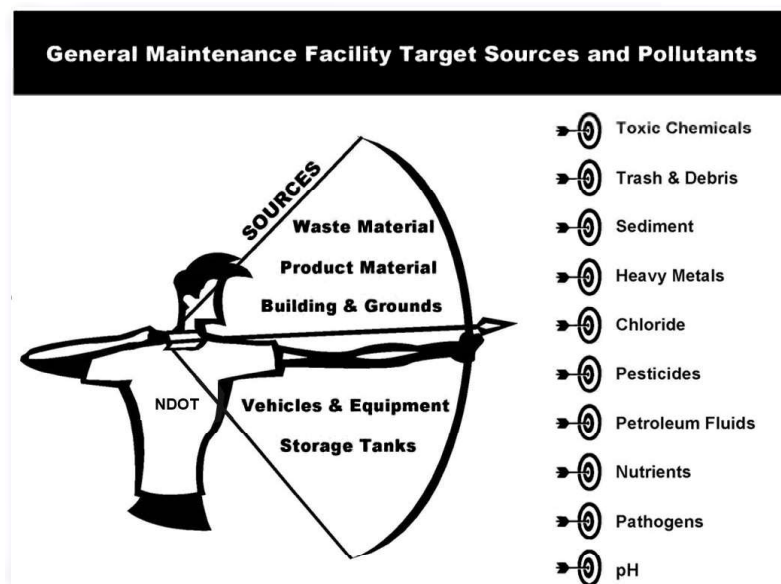


- **Reduce the risk** of discharging targeted pollutants into a storm drain system that may contaminate waters of the state from maintenance facilities
- **Inform and educate** maintenance facility staff about the personal actions recommended for managing targeted pollutants within individual facilities across the state.
- **Track** ongoing good housekeeping and pollution prevention efforts conducted at facilities in order to quantify effectiveness of stormwater protection.

- **Demonstrate compliance** with a program, including training, to reduce polluted runoff from maintenance facilities. This is required for all NDOT Operations conducted inside the urban boundary of a Nebraska community having more than 10,000 residents.
- **Maintain consistency** with existing environmental stewardship efforts and regulatory compliance obligations fulfilled at each facility.

Target Pollutants and Source Categories

Every NDOT facility has unique conditions, but it is important to identify common target pollutants at a site. Understanding how to prevent and limit pollutant sources daily in facility activities such as vehicle & equipment management or product material storage leads to environmental stewardship.



SOURCE CATEGORIES

Waste Material
Product Material
Building & Grounds
Vehicles & Equipment
Bulk Storage Tanks

What is a Facility Runoff Control Plan?

If your facility lies within a MS4 Boundary, a Facility Runoff Control Plan (FRCP) will provide NDOT Maintenance Facility staff with a user-friendly, site-specific approach to protecting the quality of stormwater leaving a facility, using good housekeeping and pollution prevention Best Management Practices (BMPs). The FRCP is a living document, providing stormwater quality education, facility inspection and corrective action guidance for NDOT Maintenance Facility staff. However, the FRCP does not replace other facility environmental regulatory requirements (SPCC, RCRA, etc.).

What is a Corrective Action?



Each facility with a FRCP is responsible for completing a self-inspection once a month. Qualified facility inspectors document potential and immediate pollutant issues requiring a corrective action, or the next action needed to repair, remove or remediate the pollutant and pollutant source before it can enter the storm drain system. Corrective actions should be completed before the next rain event or next facility inspection, whichever is first.

Pollution Prevention is Everyone's Responsibility

Each person at a facility is responsible for protecting stormwater quality by making good housekeeping and pollution prevention Best Management Practices part of their daily routine. Always consider "L"evating your daily facility management by being mindful of **The Five "L"s** of Pollution Prevention.



Roadside Development and Compliance Unit (RDC)

NDOT's MS4 Program is implemented by the Environmental Division - Roadside Development and Compliance Unit.

RDC is responsible for making sure the following five required elements of the MS4 Program are being implemented for NDOT Construction and Operations.

1. Public Education, Outreach and Involvement
2. Illicit Discharge Detection and Elimination
3. Construction Stormwater
4. Post-Construction Stormwater
5. Good Housekeeping and Pollution Prevention



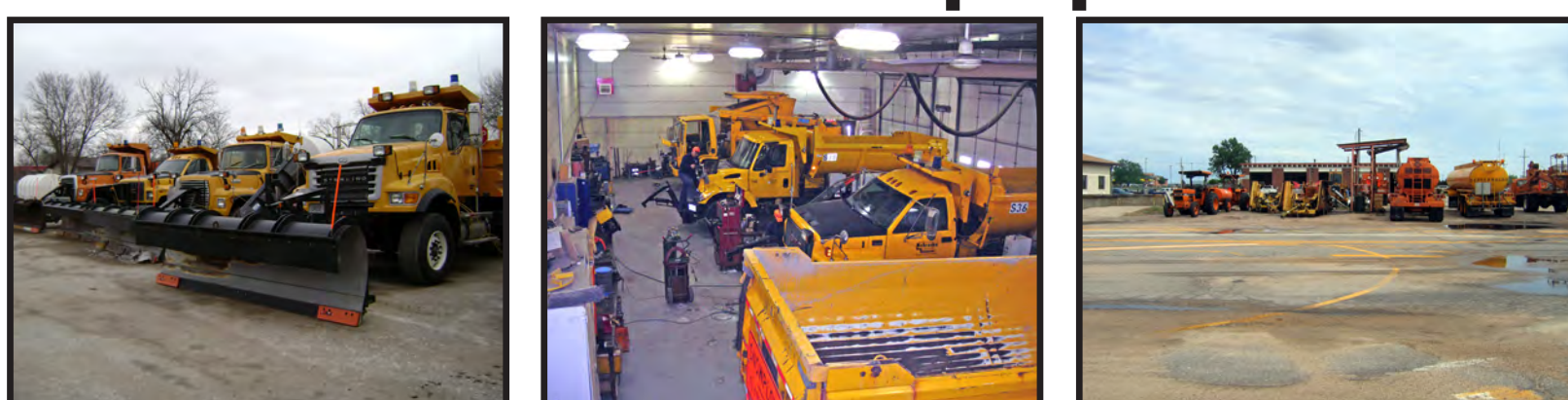
Nebraska Department of Transportation Municipal Pollution Prevention

Building & Grounds



- Keep culverts, gutters, and catch basins free of pollutants.
- Sweep paved areas to remove dirt, grit, grass clippings and other pollutants.
- Identify and repair off site erosion quickly to prevent impact to vegetation and drainage channels.

Vehicles & Equipment



- Conduct maintenance or repairs away from drain inlets or catch basins.
- Clean up fuel & oil residues with absorbents, then sweep up material.
- Park vehicles & equipment close to pumps and don't top off tank when fueling.

Product Materials



- Locate raw material stockpiles away from drain inlets and catch basins.
- Store materials in a dedicated area away from direct traffic routes to prevent damage or spills.
- Ensure all containers are properly labeled.

Bulk Storage Containers



- Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
- Keep valves or plugs on secondary containment closed at all times except when draining uncontaminated water.
- Make sure automatic shutoff valves are functioning properly.

Waste Materials



- Cover and clearly label all waste receptacles according to waste type.
- Develop a plan to reuse or dispose of construction salvage as soon as material is brought on-site.
- Store batteries in upright position in leak-proof and covered containers.

For more information contact the NDOT at:

NEBRASKA

Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION

Phone: 402-479-4656
Email: dor.operationsenvironmental@nebraska.gov
Address: 1500 Highway 2
PO Box 94759
Lincoln, NE 68509-4759
Website: dot.nebraska.gov/projects/environment

ATTACHMENT E
EDUCATION & TRAINING



TRAINING:

DATE OF TRAINING:

LOCATION/FORM OF TRAINING:

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Recommended Regular Trainings:

- Facility Good Housekeeping and Pollution Prevention (GHPP)
 - A training course to cover GHPP BMPs at the City's maintenance facilities.
 - Staff will be required to take a refresher course every 3 years and new hires will be required to take the course within the first 30 days of employment.
 - Recommended for Public Works Department, Fleet Maintenance Department, and Streets Department staff.
 - In-house Training.
- Implementation of Facility Runoff Control Plans (FRCP)
 - A training course related to the implementation and overview of the FRCP.
 - Staff will be required to take a refresher course every 3 years and new hires will be required to take the course within the first 6 months of employment.
 - Recommended for Public Works Department and FRCP Municipal Facilities staff.
 - In-house Training.
- Illicit Discharge Detection and Elimination (IDDE)
 - A training course related to illicit discharges.
 - Staff will be required take a refresher course every 3 years and new hires will be required to take the course within the first 30 days of employment.
 - Recommended for Public Works Department staff.
 - In-house Training.
- Erosion and Sediment Control training classes through City of Omaha's Annual Seminar or NDOT's Inspector Certification ([NE LTAP | Nebraska LTAP | Nebraska \(unl.edu\)](#)).
 - Classroom and Online Options

Additional trainings and informational webinars:

EPA WEBINARS

Post-Construction BMP Performance

EPA Webinar

Dated 2/6/2008

Video Length 2 hours 5 minutes

Video Description: *Explores the details of best management practice (BMP) performance, including pollutant concentrations, volume reduction and total load reduction. It also debunks the BMP performance myth of using "percent removal" and highlights the Urban BMP Performance Tool, which includes hundreds of studies on BMP performance.*

Hyperlink to Website: [BMP Performance - YouTube](#)

Road Salt Pollution

EPA Stormwater Pollution Webinar

Dated 2006

Video Length 2 hours 11 minutes

Video Description: *Provides information on the impacts of road salt on the environment, implementation of TMLDs involving road salt, successful reduction strategies used by states, and possible groundwater impacts.*

Hyperlink to Website: [EPA's Stormwater Pollution Prevention Webinar Series: Road Salt Pollution Prevention Strategies - YouTube](#)

Building a Local Program & Municipal Operations

EPA Webinar – “Killing Two Birds with One Stone”

Dated 12/6/2006

Video Length 2 hours 2 minutes

Video Description: *Includes an overview of maintenance activities, explains why maintenance is essential for water quality, and identifies top maintenance headaches faced by MS4s. It also discusses how to build an effective local maintenance program, conduct a municipal operations analysis, train municipal employees, reduce future maintenance burden by improving designs, track maintenance needs and activities, and ensure maintenance happens.*

Hyperlink to Website: [Building a Local Program to Maintain Your Stormwater Practices - YouTube](#)

Conducting IDDE Investigations

EPA Stormwater Webinar

Dated 7/11/2007

Video Length 1 hour 58 minutes

Video Description: *Discusses the field and lab methods necessary to conduct IDDE investigations. The covered topics include: IDDE terminology, basic components of an effective IDDE program, desk top assessments of illicit discharge potential to prioritize field activities, outfall reconnaissance inventory, post-screening prioritization, and detailed field and lab analyses to confirm and identify illicit discharges.*

Hyperlink to Website: [Conducting Illicit Discharge Detection and Elimination Investigations \(IDDE 201\) - YouTube](#)

Finding & Fixing Illicit Discharges & Connections

EPA Stormwater Webinar

Dated 9/30/2009

Video Length 2 hour 0 minutes

Video Description: *Focuses on finding and eliminating illicit discharges. The covered topics include: methods for tracing illicit discharges to their sources via various methods and eliminating illicit discharges. A specific case study is also discussed.*

Hyperlink to Website: [Illicit Discharge Detection and Elimination IDDE 301 - YouTube](#)

OSHA HAZWOPER Training Courses (Good Housekeeping)

24-hour, 40-hour, and 8-hour trainings

Online OSHA classes available

HAZWOPER training applies to workers and employers involved in five specific types of operations outlined in OSHA's HAZWOPER standard:

- Required cleanup operations involving hazardous substances and conducted at an uncontrolled hazardous waste site
- Corrective actions involving cleanup operations at sites covered by the Resource Conservation and Recovery Act (RCRA)
- Hazardous waste operations conducted at treatment, storage and disposal (TSD) facilities regulated under RCRA
- Operations at non-TSD facilities that generate hazardous waste
- Emergency response operations involving the release of or substantial threat of release of hazardous substances regardless of the location of the hazards

Spill Prevention, Control, and Countermeasure (SPCC) Trainings (Good Housekeeping)

Confined Space Entry Trainings for Sewer Maintenance (Good Housekeeping & IDDE)

MUNICIPAL EMPLOYEE TRAINING STRATEGY
GOOD HOUSEKEEPING & POLLUTION PREVENTION

Adapted from the City of Omaha Environmental Quality Control
Division Plan



Goal

The City of Bellevue recognizes the importance of having a broad base of educated and informed personnel in efforts to minimize stormwater pollution. With this, the City not only focuses on stormwater education to residents and the regulated community, but also coordinates education for applicable municipal employees, in an effort to achieve program goals through increased awareness. Training and education is to be focused on increasing comprehension and application of Good Housekeeping and Pollution Prevention (GH & PP) strategies that will protect the quality of stormwater runoff.

Target Audiences

Training is provided to the employees who, through their routine activities, have the most potential to encounter stormwater pollution. These municipal employees can include:

- City maintenance facility staff and field crews
- City staff associated with Municipal Separate Storm Sewer System (MS4) maintenance activities

Municipal employees in other divisions and departments that may encounter potential sources of stormwater pollution in some form as part of their job duties will be made aware of training opportunities as they are provided, such as the annual Sediment & Erosion Control Seminar.

The primary message of the municipal staff training program is that each employee has a personal responsibility to protect water quality by making smart decisions, and to look for potential pollution sources, minimize sources, and address sources as applicable, as part of their standard operations.

Training Resources

Trainings will be provided in a variety of forms, including but not limited to:

- EPA training webinars: Videos on a variety of GH & PP topics
- Presentations: tailored presentations to cover topics specific to audience
- Conferences and seminars: Events with tailored presentations, and often, applicable vendors for the subject matter and audience organized by the City, the Papillion Creek Watershed Partnership, or professional organizations
- Printed materials: brochures, posters, and field guides
- Web resources: Websites with electronic resources, including OmahaStormwater.org, and web-based educational programs and tools

Training Topics

From year to year, various topics will be highlighted and prioritized to broaden the knowledge base of municipal staff. Topics to be covered include, but are not limited to:

- Illicit discharge detection and elimination

- Construction site runoff
- Good housekeeping measures and practices
- Post-construction Best Management Practices (BMPs)
- Spill prevention and countermeasures
- General pollution prevention
- Stormwater management

Training Descriptions

- Training for City maintenance facility staff and field crews is provided in the Facility Runoff Control Plan (FRCP) Program document if one has been developed for their reporting location.
- Training specific to MS4 maintenance activities is available through conferences, online resources, and other platforms offered by professional organizations and agencies.
- Public Works staff receives initial training on GH & PP topics, including in-field training for inspection and maintenance activities, as well as ongoing trainings for continued education.

Training Tracking

- Attendance and subject matter will be documented for each formal training coordinated and/or attended by Public Works and/or applicable staff.
- As part of their Facility Runoff Control Plans (FRCPs), maintenance facilities are to document their trainings. Site supervisors are encouraged to review and incorporate stormwater related topics into less formal educational settings, including staff meetings, safety meetings, and employee orientation.
- MS4 maintenance activity trainings are the responsibility of the respective department.

Evaluation

Providing education opportunities and materials relevant to municipal staff is an ongoing consideration. The employee training strategy will be evaluated annually to determine appropriate topics and groups of staff that need further education or increased levels of awareness. Upon review each year, training format and content will be adjusted for applicability and greatest effectiveness. The City will continue to develop GH & PP educational materials as needs are recognized and/or staff feedback identifies a relevant topic that could reduce the risk of stormwater pollution.



ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) TRAINING STRATEGY

Adapted from City of Omaha Environmental Quality Control Division,
Public Works Department Plan



Goal

Provide training for municipal field staff whose primary job duties lend them to potentially come in contact with or otherwise observe an illicit discharge or illicit connection to the separate storm sewer system.

Target Audience

Municipal field staff originate from multiple City Departments. These can include:

- Parks, Recreation & Public Property
 - Park Maintenance
 - Code Enforcement
- Planning
 - Permits and Inspections
 - Community Development
- Public Works Department
 - Waste Water Department
 - Streets Department
 - Fleet Maintenance Department

Strategy

Each respective Department's potential to encounter illicit discharges varies, some are more likely to see them than others. The Public Works Department serves as a primary resource for stormwater-related topics, including illicit discharge detection and elimination. Training and training resources will be provided to these Departments commensurate with their potential to come in contact with an illicit discharge. Ultimately, each Department oversees the training curriculum for their staff. The primary approach for training of municipal field staff will include, but is not limited to:

1. Compliance level training to eliminate confirmed illicit discharges or connections.
2. Inspector level training on illicit discharge detection.
3. Awareness level training for facility or department wide training sessions.
4. Provide printed educational materials.
5. Offer education and guidance on a case by case basis.

Most Departments will receive awareness level training. Within the Public Works Department identified personnel will receive Inspector and Compliance level training. City of Bellevue will encourage personnel to attend various internal and external training opportunities throughout the year. The training session topics include good housekeeping practices, erosion control installation and inspection, storm water pollution prevention measures, and other MS4 related trainings.

Training Tracking

- Attendance and subject matter will be documented for each formal training coordinated and/or attended.
- As part of their Facility Runoff Control Plans (FRCPs), maintenance facilities are to document their trainings. Site supervisors are encouraged to review and incorporate stormwater related

topics, including IDDE, into less formal educational settings, including staff meetings, safety meetings, and employee orientation.

- Tracking for additional trainings are the responsibility of the respective Department.

Reporting

The MS4 annual report will provide details of the training events and the number of employees in attendance, and the distribution of outreach materials.

Evaluation

Providing education opportunities and materials relevant to municipal staff is an ongoing consideration. The City of Bellevue will continue to develop educational materials as needs are recognized and staff feedback identifies a relevant topic that could reduce the risk of stormwater pollution citywide.



CITY OF BELLEVUE
STORM WATER MANAGEMENT PROGRAM
FACILITIES RUNOFF CONTROL PLAN (FRCP)
MAINTENANCE DISTRICT 2 – SOUTH SHOP

Prepared for:

City of Bellevue
MS4 Storm Water Program

July 2022

Facilities Runoff Control Plan (FRCP) Program

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Table 1: General Maintenance - Facility Target Sources & Pollutants

Table 2: Staff Responsibilities for FRCP Continuous Implementation

Figures

Figure 1: Target Source Categories & BMPs

Attachments

Attachment A: City of Bellevue Facilities Map

Attachment B: Facility Profile & Questionnaire

Hot Spot Investigation Form

Aerial Map & Site Photos

FRCP Site Visit Photo Checklist

Attachment C: Inspection Checklists

Schedule for Facility BMP Implementation

Attachment D: Suggested BMP Practices

Attachment E: Education & Training

1.0 Program Overview

As a regulated Municipal Separate Storm Sewer System (MS4), the City of Bellevue (City) is required to develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from agency operations. The developed program includes employee training to prevent and reduce stormwater pollution from activities at facilities listed in **Attachment A**. Facility Runoff Control Plans (FRCP) are one tool used by the City to comply with these requirements.

Maintenance facilities operated by the City serve as a base for maintenance operations providing many important services such as, but not limited to, snow removal and ice control, street and bridge maintenance, landscaping and mowing, fleet maintenance and repair, fueling operations, signal and lighting repair, sign maintenance, animal removal, pickup of roadway litter and debris household hazardous waste collection and sewer maintenance. These operations mostly occur inside of the regulated MS4 permit boundary.

A FRCP provides the City maintenance facility staff with a comprehensible approach to protecting the quality of stormwater leaving a maintenance facility using good housekeeping and pollution prevention Best Management Practices (BMP). The Good Housekeeping/Pollution Prevention goals for this effort include:

- ▶ Reduce the risk of discharging targeted pollutants into a storm drain system that may contaminate waterways from maintenance facilities.
- ▶ Inform and educate maintenance facility staff about the personal actions recommended for managing target pollutants within individual facilities.
- ▶ Track on-going pollution prevention and good housekeeping efforts conducted at each facility in order to quantify effectiveness of stormwater protection.
- ▶ Demonstrate compliance with the program, including training, to reduce pollutant runoff from maintenance facilities.
- ▶ Maintain consistency with existing environmental stewardship efforts and regulatory compliance obligations fulfilled at each facility.

This FRCP development document is divided into the following sections:

- ▶ **Section 2.0** provides an overview of the FRCP documents and development process.
- ▶ **Section 3.0** describes the maintenance facility good housekeeping and pollution prevention target pollutant categories.
- ▶ **Section 4.0** describes how FRCP elements will be developed and implemented over time.

2.0 Facility Runoff Control Plans

2.1 Overview

A Facility Runoff Control Plan (FRCP) is a living document that provides stormwater quality education, facility inspection, and corrective action guidance for City maintenance facility staff. Facility staff use the site-specific information provided in the document to identify potential target pollutants and sources. Good housekeeping and pollution prevention methods are recommended which are largely based on personal actions and planning efforts described as non-structural Best Management Practices (BMPs). The primary focus of a FRCP is encouraging implementation of effective non-structural BMPs.

2.2 Plan Elements

A Facility Runoff Control Plan (FRCP) is developed from a standardized selection of target pollutant information (Section 3.0) and is tailored to target the potential pollution sources and discharge locations at each facility. To keep information organized, a FRCP is kept in a three-ring binder at the maintenance facility it was developed for. Site specific details in the FRCP include the following information:

- ▶ A **Title Page** that identifies the facility name and the date of the most recent version;
- ▶ A **Vicinity Map** that identifies adjacent land uses and receiving waters;
- ▶ An **Overview** of the major facility operations;
- ▶ A **Responsibility Chart and Reporting Procedures**;
- ▶ Identification and description of **Target Pollutants and Pollutant Sources**;
- ▶ A **Site Map** that corresponds with the **Inspection Checklist and Instructions**; and
- ▶ Blank **Corrective Action Logs** for completion with facility Inspection Checklists.

2.3 FRCP Development Team

The FRCP Development Team represents a small group of individuals from the City's Public Works Department and third-party consultants, as needed, charged with the responsibility of maintaining consistent standards. The Team is responsible for evaluating each facility, educating and training facility staff, developing the FRCP document, and monitoring implementation of the FRCP.

2.4 Development Process

Development of each FRCP requires preparation, data collection when on-site, and timely follow-up. A description of the development process is described below.

Facilities Runoff Control Plan (FRCP) Program

- ▶ **Facility Contact and Scheduling (Section 2.4.1)**
 - Notify Department Supervisors of intended facilities to inspect.
 - Contact the main facility personnel as designated by the Department Supervisor.
 - Schedule initial facility visit and basic stormwater education session.
 - Complete desktop assessment of facility to prepare for facility visit.
- ▶ **Facility Evaluation (Section 2.4.2)**
 - Mobilize FRCP Development Team on-site and explain the development procedures to key City personnel.
 - Complete a Facility Evaluation Questionnaire for information about the facility.
 - Complete a walkthrough of the entire facility, asking questions along the way, taking additional notes and digital photographs using the photo checklist.
 - Schedule the next visit and identify staff members who must attend to be trained as qualified inspectors.
 - Provide Basic Good Housekeeping/Pollution Prevention Education for all facility staff whenever possible.
- ▶ **FRCP Implementation and Updates (Section 2.4.3)**
 - Compile all information gathered into a FRCP document.
 - Within two (2) weeks of the inspection, mobilize the FRCP Development Team and introduce the document to all the facility staff who will become qualified inspectors.
 - Use the current site map, inspection checklist, and Corrective Action form to teach the qualified inspectors how to conduct the facility inspections.
 - The FRCP Development Team identifies any revisions that need to be made to the FRCP before submitting the updated document to the Facility.
 - Provide a Question-and-Answer session with Facility staff before leaving the site.
 - The Main Site Contact(s) may make minor additions/revisions by writing on the current document.
 - The FRCP Development Team may provide assistance to make revisions to the current document when there have been significant changes to the facility.

2.4.1 Facility Contact and Scheduling

The FRCP Development Team contacts the Department Supervisors and Main Site Contact(s) to schedule a facility visit and staff education. Basic information is collected from the Main Site Contact(s) about the facility location, operations, and staff. Between the initial contact and the site visit, a desktop analysis is conducted to ensure the visit is efficient for everyone involved. The desktop analysis identifies helpful information such as a site map, nearest receiving waters, an organization chart, preliminary list of target pollutants, and recommended inspection questions about the management of such pollutants.

2.4.2 Facility Evaluation and GH/PP and Stormwater Education

The FRCP Development Team conducts an initial evaluation of the facility to obtain information necessary for developing the facility specific FRCP. The majority of the facility evaluation is conducted with staff that has been selected to be involved in continuous implementation of the FRCP recommendations. A Facility Evaluation Questionnaire is completed to ensure all relevant information is collected. The facility evaluation visit should also include an introductory educational presentation for all facility maintenance staff (discussed further in Section 4.5.1) and a facility walkthrough.

The facility walkthrough is conducted to provide the FRCP Development Team an opportunity to ask questions about specific site conditions as well as propose hypothetical housekeeping issues to determine how the facility is operated and maintained. The walkthrough is a good time to allow facility staff to ask questions about alternative good housekeeping/pollution prevention techniques that may be of interest. The FRCP Development Team documents the site thoroughly with field notes and digital photographs for reference back at the office. Following the walkthrough, the group completes all remaining information on the Facility Evaluation Questionnaire, ensuring that the facility evaluation is consistent and comprehensive. The visit is concluded by fielding any lingering staff questions and scheduling the next site visit.

2.4.3 FRCP Implementation and Updates

The FRCP Development Team continues to develop the FRCP using information collected during the site visits. In order to keep the development process on track, the FRCP is updated within two (2) weeks of a facility visit by the FRCP Development Team. The FRCP includes defining the facility inspection areas, coordination of inspection questions, and confirmation of target pollutants of concern based on actual site conditions. The FRCP also includes information specific to each facility such as existing references, procedures, and/or classifications to ensure the document is relevant.

The FRCP Development Team returns to deliver the FRCP and to conduct FRCP Inspector Training (discussed further in Section 4.5.2). All individuals who will be responsible for conducting FRCP inspections must attend the training. The FRCP is used as the training material for FRCP Inspector Training. This method allows the FRCP Development Team to introduce facility staff to the individual FRCP features during the training.

The FRCP Development Team conducts the first official site inspection with the site inspectors, allowing them to get a feel for the FRCP and learn the expectations for documentation and verification of Corrective Actions. The visit concludes the first official inspection with a question-and-answer session with staff. All staff members completing the FRCP Inspector Training are considered Qualified Inspectors and must sign the FRCP document following the training.

The FRCP Development Team makes all revisions to the document and will send updated pages to the facility with a new revision number and date listed on the cover sheet. The FRCP is continually maintained on-site, and copies of inspection records are not submitted to the FRCP Development Team, but kept in the facility binder.

Facilities Runoff Control Plan (FRCP) Program

Updates to the FRCP can be made for various reasons. There is currently no permit requirement for the frequency of updating an FRCP on a regular basis. Each FRCP should reflect the current conditions on-site. Any substantial changes to the facility, staff, procedures, or materials used after the FRCP has been finalized must be noted by hand in the FRCP until a revised edition can be made. All revisions in the FRCP should be initialed and dated in the facility's master copy of the FRCP.

3.0 Maintenance Facility Target Pollutant Identification

The FRCP is developed with the primary focus placed on enabling facility staff to identify potential problems and take actions that reduce the risk of stormwater pollution. The first step in this process is to identify the common target pollutants found at maintenance facilities. Every facility has unique conditions and target pollutants, but Section 3.1 identifies the common target pollutants that can be anticipated at most facilities. The second step is to connect maintenance facility activities with the potential to discharge these target pollutants. Section 3.2 identifies the five target pollutant categories used in each FRCP. *Table 1* displays the key maintenance items and specific activities that can create and cause target pollutants to contaminate stormwater.

Table 1: General Maintenance - Facility Target Sources and Pollutants

TARGET SOURCES	TARGET POLLUTANTS
Waste Material	Toxic Chemicals
Product Material	Trash and Debris
Building and Grounds	Sediment
Vehicles and Equipment	Heavy Metals
Storage Tanks	Chloride
	Pesticides
	Petroleum Fluids
	Nutrients
	Pathogens
	pH

3.1 Target Pollutants

3.1.1 Petroleum and Vehicle Fluids

Petroleum products (e.g., gasoline, diesel fuel, motor oil and other lubricants), antifreeze, and hydraulic fluids are common pollutants deposited on the ground at maintenance facilities. Many of these products may contain special additives, which may be toxic to humans and aquatic life. Potential sources of these products at maintenance facilities include leaks from vehicles and machinery and vehicle maintenance activities such as fueling, changing oil and washing.

3.1.2 Pesticides

A pesticide is a chemical agent designed to control pest organisms. The most common forms of pesticides are organic chemicals designed to target insects (insecticides) or vascular plants (herbicides). Pesticides are routinely detected in surface waters largely because water is one of the primary media in which pesticides are transported from targeted applications – the pest – to non-intended parts of the environment. Using pesticides for chemical weed control and integrated pest management activities requires storage at maintenance facilities which can become a potential source of pollution if managed improperly.

3.1.3 Metals

Dissolved and suspended metals are found in stormwater runoff above a certain threshold may harm aquatic life. These metals come from various sources and activities, including fuel combustion, brake pad wear (copper), tire wear (cadmium and zinc), metal corrosion, pressure-treated wood and creosote posts used for guard rails (arsenic), paints, herbicides and other materials. Maintenance facilities become a central location for much of the materials and equipment that can be a source of dissolved and suspended metals in stormwater.

3.1.4 Sediment

An amount of sediment transported by stormwater in excess of natural concentrations is considered a pollutant. Additionally, potential pollutants (e.g., metals and nutrients) attached to sediment particles are transported with the sediments to receiving waters and increasing the potential for water quality impacts. Potential sources of sediment in runoff from maintenance facilities include tracking, transport and storage of loose bulk materials (e.g., sand or other aggregate), grading-related activities un-vegetated soils, and soil erosion.

3.1.5 Litter and Debris

Litter and debris in stormwater accumulate in the manufactured form of paper, aluminum cans, styrofoam, plastic waste products and other items commonly discarded inappropriately. These pollutants can be transported by wind and stormwater into the storm drainage system. Litter and debris is often brought to maintenance facilities after street sweeping, storm drain maintenance, and right-of-way cleanup activities. Litter in surface waters can inhibit the growth of aquatic vegetation, harm aquatic organisms by ingestion or entanglement, convey other pollutants, such as toxic substances and cause aesthetic problems on shorelines of ponds and lakes. In addition to impacting water quality, these items may obstruct the stormwater drainage system and cause property damages.

3.1.6 Nutrients

Nutrients include any substance taken up by living things to promote growth. The term generally applies to nitrogen and phosphorus, but is also applied to other essential trace elements less commonly used. Excessive amounts of nutrients that make their way to receiving waters can over-stimulate the growth of aquatic plants causing extreme algal blooms leading to low dissolved oxygen levels and can result in fish kills, foul odors, and limited public use. Some of the possible sources of nitrogen and phosphorous from maintenance facilities include storage of fertilizers, decaying plant materials from tree trimming, vegetation management surfactants and emulsifiers and natural sources such as the mineralized organic matter in soils.

3.1.7 pH

The pH of a water sample is a measure of its acidity (acid) or alkalinity (base). Water that is acidic or alkaline may causes harm to aquatic organisms or consumers of the water, and may even result in damage to equipment and materials. Maintenance activities that may change the

pH of runoff include the storage of batteries holding battery acid, parts washing and management of concrete wastes.

3.1.8 Pathogens

Pathogenic microorganisms, such as viruses and bacteria, can be extremely variable in natural conditions making them difficult to measure and control. A group of pathogenic microorganisms known as coliform is commonly measured as an indicator of the potential presence of pathogens with fecal origin which can cause significant health issues in humans and other water consumers. Sources of total and fecal coliforms in stormwater runoff are everywhere (e.g., soil microorganisms, wild and domestic animal droppings, etc.). Maintenance facilities must control specific sources of coliform from any animal wastes, non-permitted sewer connections to a storm drain or receiving stream, seepage from septic tanks and spillage from portable toilets.

3.1.9 Chlorides and Sulfates

Winter roads maintenance requires the use of chemicals and abrasives in large enough quantities to keep roadways safe for travel. Maintenance facilities store large quantities of sand and salt in preparation for use during storm events. To prevent salts from caking, a variety of chemicals are added to the stockpiles. Chlorides and sulfates are all dissolved substances that may be toxic to receiving waters in strong enough doses. Chlorides and sulfates will typically runoff during rain events from unmanaged maintenance facilities eliminating stream channel vegetation which is essential for a healthy aquatic ecosystem and the prevention of stream bank erosion.

3.2 Target Source Categories

Target pollutants are generated from one of five potential sources that occur at maintenance facilities. Using appropriate Best Management Practices (BMPs) for each of the sources depicted in *Figure 1* and described below helps ensure that all potential pollutants are addressed.



Figure 1: Pollutant Sources & BMPs

3.2.1 Building and Grounds Maintenance

Maintenance facilities require building and grounds management, which includes care of landscaped areas around each facility, cleaning of parking areas and pavements, and maintenance of the stormwater drainage system. Tasks to perform these activities include equipment operation, litter/trash pickup and maintenance landscaping, which can in turn result in spills, leaks, trash, sewage, erosion and chemical vegetation control. Potential target pollutants could include sediment, litter, trash, sewage, pesticides, fuel, hydraulic fluid and oil. **Buildings and grounds must be maintained in a manner that reduces the risk of discharging pollutants to the stormwater drainage system.**

3.2.2 Vehicle and Equipment Management

Maintenance facilities are the primary staging areas for all vehicles and equipment used to operate and maintain roads and properties owned by the City. All vehicles and equipment require operation and management of some type, which may include storage, fueling, cleaning, maintenance and repair. Haphazard management actions can quickly lead to substantial spills, leaks, and non-stormwater discharges. **Vehicle fluids at fueling areas as well as equipment washing, storage, and maintenance areas must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

3.2.3 Storage Tank Management

Bulk storage tanks full of stock products are a typical feature of most maintenance facilities and they generally come in all shapes and sizes. Substances contained in storage tanks may include soil stabilizers, dust suppressants, herbicides, fertilizers, de-icing chemicals, fuels, lubricants and other petroleum products. A Spill Prevention Control and Countermeasure (SPCC) plan may be in place to reduce the risk of pollution from certain petroleum products, but all bulk storage tanks generate a certain level of risk of discharge to adjacent drainages and receiving waters. **Storage tanks must be protected and maintained in a manner that reduces the risk of discharging pollutants to the stormwater drainage system.**

3.2.4 Waste Material Management

Activities at maintenance facilities generate many types of wastes that accumulate or may be discharge into the environment. Types of wastes that must be managed include construction salvage materials such as rubble, fencing, soil, aggregate; recyclables such as scrap metal, tires, spent partswasher solvent, used oil, and used batteries. Waste materials can also include trash and debris, empty product containers, and rinse water. Personnel need to reference the Department-specific procedures or the City's standard guidance regarding waste handling to determine the appropriate methods for managing all types of waste. **Both hazardous and non-hazardous wastes must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

3.2.5 Product Material Management

Maintenance facilities store a large variety of products that could be harmful to the environment if they come into contact with surface waters. Materials that may be stored include pesticides, petroleum products, paints, concrete and asphalt products, and solvents. Storage and handling practices that minimize exposure of these materials to stormwater can significantly minimize the potential for receiving water contamination. Large stockpiles of materials located on maintenance lots require responsible management just as much as products that are stored indoors or under cover. **All product materials must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

Suggested BMP practices for Building and Ground Management, Vehicle and Equipment Management, Waste Materials Management, and Product Material Management are found in **Attachment D.**

4.0 Continuous Implementation

4.1 Administrative Support

All facilities are encouraged to contact the FRCP Development Team with questions about conducting facility inspections and maintaining records as well as suggesting appropriate BMPs and pollution prevention efforts.

4.2 Responsibilities and Organization

Continuous implementation of the FRCP relies on designated maintenance facility staff as well as Department Supervisors. *Table 2* outlines the specific expectations and responsibilities of each City employee involved with the FRCP continuous implementation process.

Table 2: Staff Responsibilities for FRCP Continuous Implementation

Department Supervisors	<ul style="list-style-type: none"> ▶ Assist in problem resolution when requested by Main Site Contact(s)
Main Site Contact(s)	<ul style="list-style-type: none"> ▶ Coordinate facility staff for training events and facility inspections ▶ Participate in training with FRCP Development Team ▶ Verify facility inspection reports and Corrective Actions are complete ▶ Contact the FRCP Development Team for assistance with troublesome Corrective Actions ▶ Participate in facility Audits with FRCP Development Team ▶ Maintain and up-date as needed the FRCP Binder/File
Facility Inspectors	<ul style="list-style-type: none"> ▶ Conduct at least one (1) inspection every six (6) months ▶ Participate in education and training with FRCP Development Team ▶ Participate in facility Audits with FRCP Development Team ▶ Take immediate and scheduled actions when possible to reduce stormwater pollution risk

4.3 Decision Making Process

Continuous implementation of the FRCP Program is broken into four stages: Inspections and Evaluations, Corrective Actions, Recordkeeping, and Reporting. All stages must be conducted to support the annual compliance reporting effort and to reduce the risk of stormwater pollution from City maintenance facilities. The four stages are discussed in detail below.

4.3.1 Inspections and Evaluations

Inspection forms are included in with the FRCP document. Each inspector is trained to identify potential problems and likely Corrective Actions using their FRCP document. The main facility contact will designate a time every six (6) months for at least one (1) qualified individual to walk the facility and complete an inspection. Inspections will be conducted quarterly. Frequency of inspections will be re-evaluated at the end of each year. At least once every five (5) years, the

facility will undergo an Audit to determine the level of compliance and need for additional training. Section 4.4 describes FRCP Audits and **Attachment C** includes checklists for audits.

4.3.2 Corrective Actions

Site inspectors will make the determination if an immediate Corrective Action can resolve a problem or if it must be scheduled through the main facility contact. In all cases, the recommended Corrective Actions should be completed before the next rain event or facility inspection, whichever is first. In the event that a recommended Corrective Action is insufficient or a similar problem continues to come about that could be solved through a structural management practice, the responsibility to take appropriate Corrective Action is sent up the chain of command and the Corrective Action form will reflect actions taken to resolve the problem. All reasonable and prudent efforts are expected in order to reduce the risk of stormwater pollution until a final Corrective Action is made.

4.3.3 Recordkeeping

Each main contact at each facility reviews and verifies the completed inspection forms and Corrective Actions prior to filing the forms with the FRCP. Records are kept with the FRCP for at least five (5) years as a reference when a Facility Audit is completed. Each facility will be responsible for maintaining the records of all Audits and FRCP training and education.

4.3.4 Reporting

The City's Public Works Department will summarize all FRCP Program activity for inclusion in the MS4 Annual Report. A narrative and numeric description of efforts will be completed for education and training, inspections and Corrective Actions as well as FRCP Audits. Information gathered from each facility will be used to summarize a city-wide perspective for FRCP Good Housekeeping and Pollution Prevention efforts.

4.4 Audits

The FRCP supports the City of Bellevue stormwater management program. The FRCP document sets up facility Good Housekeeping/Pollution Prevention inspections to be conducted by Qualified Facility Inspectors quarterly at approximately 6-month intervals using the form provided in the FRCP. A FRCP Audit will be conducted every five (5) years at a minimum.

The audit checklists, included in **Attachment C**, have been developed to aid in assessing a facility's compliance with the requirements as they were expressed in the FRCP document. The primary outcome of an FRCP audit is the identification of opportunities to improve compliance with City of Bellevue Good Housekeeping/Pollution Prevention practices. Audits also allow the FRCP Development Team to look at the program's overall impact in terms of environmental protection and pollution prevention. The results of the audits will be used to address the FRCP program's progress in the MS4 Annual Report.

4.4.1 Qualified Auditors

An auditor shall be a qualified person familiar with the Facility Runoff Control Plan program and the goals thereof. The auditor must be familiar enough with the FRCP program to conduct an audit that will collect the data necessary to make a meaningful evaluation of the facility's compliance status and the effectiveness of the program in achieving its goals. The auditor must sign off on the Audit Checklist and distribute the completed checklist to the appropriate parties. If additional Auditors are needed, third party consultants may be used. The FRCP Development Team is responsible for selecting and training FRCP Auditors. To become a qualified auditor, the individuals would need to attend a FRCP inspection and become familiar with the FRCP program.

4.5 Education and Training

Providing training opportunities and education materials relevant to maintenance facility staff is an ongoing consideration for the FRCP Development Team. A major goal of this program is to inform and educate maintenance facility staff about the personal actions recommended for managing pollutants of concern within individual facilities throughout the City. A brief summary is provided below and more detailed information regarding education and training is included in **Attachment E** of this document along with training logs.

4.5.1 Basic Stormwater Awareness - Good Housekeeping/Pollution Prevention

The FRCP Development Team provides a short, in-house education session for all maintenance facility staff at the time of the first FRCP facility visit, and annually with new staff. The session is intended to give the audience a general understanding of how good housekeeping and pollution prevention actions relate to protection of stormwater quality. The primary message for the audience is that each employee has a personal responsibility to protect water quality by staying alert and looking for potential pollution sources. The secondary message is that these efforts will help the City comply with the MS4 permit requirements.

4.5.2 FRCP Inspector Training

A focused education session is provided for all maintenance facility staff selected to be involved with implementing the site specific FRCP. This session is provided during the second site visit by the FRCP Development Team. The session uses the FRCP developed for that site as the learning materials. Learning objectives are accomplished through hands-on use of the FRCP documents. The primary message for the audience is that the FRCP is a living document that must be maintained in order to demonstrate compliance with the stormwater permit issued to the City. Each facility must maintain at least one (1) qualified site inspector at all times.

4.5.3 On-going GH/PP and Stormwater Education

The City's Public Works Department continually looks to identify and develop on-going Good Housekeeping/Pollution Prevention (GH/PP) and Stormwater education materials that also

Facilities Runoff Control Plan (FRCP) Program

support the FRCP Program. On-going GH/PP and Stormwater education is provided in a number of ways including on-line training, safety meetings, posters/brochures, and conferences. Individualized GH/PP and Stormwater education topics are provided at each facility on an as needed basis.

ATTACHMENT A

CITY OF BELLEVUE FACILITIES MAP

City of Bellevue Facilities Map



Map #	Bellevue Property	Address
1	Street Department South Shop	206 Industrial Dr
2	Street Department North Shop	8285 Cedar Island Rd
3	Wastewater Maintenance Facility	8902 Cedar Island Rd
4	Street Department Southwest Shop	12805 S. 9th St
5	Fleet Maintenance Facility	2012 Betz Rd
6	Public Safety Building	1510 Wall St
7	Parks Department Office	8201 S. 42nd St
8	Cascio Pool	1500 Lawrence Ln
9	Dowding Pool	1500 Washington St
10	Gilbert Pool	503 W 29th Ave
11	Sun Valley Pool	5351 Arrow Rock Dr

ATTACHMENT B

FACILITY PROFILE & QUESTIONNAIRE

HOT SPOT INVESTIGATION FORM

AERIAL MAP & SITE PHOTOS

FRCP SITE VISIT PHOTO CHECKLIST

Maintenance Facility Runoff Control Plan

Facility Profile & Questionnaire

Please provide the following information:

General Information	
Maintenance Site Name	City of Bellevue Street Maintenance Shop District 2 – South Shop
Physical Street Address	206 Industrial Drive
City, County, State, Zip	Bellevue, Sarpy, NE 68005
Latitude & Longitude	41° 07' 36.41" N 95° 53' 31.88" W
Facility Supervisor	Bobby Riggs
Main Site Contact	Bobby Riggs
Main Site Contact's Phone Number	(402) 293-3126 bobby.riggs@bellevue.net
Additional Site Contacts	

Site Activities	Circle
Stationary Liquid Deicer Storage Tanks? If yes, provide the tank quantity: <u>Two 5,000-gallon tanks</u> Secondary containment/protection? If yes, provide type of secondary containment/protection: _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No <input type="radio"/> Yes or <input checked="" type="radio"/> No
Solid Deicer Storage? Covered? <u>Salt is covered – 850 ton capacity of salt</u> Bermed? List types of deicer: _____ Gravel, Salt _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No <input type="radio"/> Yes or <input checked="" type="radio"/> No <input type="radio"/> Yes or <input checked="" type="radio"/> No
Vehicle Maintenance?	<input type="radio"/> Yes or <input checked="" type="radio"/> No
Vehicle/Equipment Washing? Wash bay or outdoor washing: _____ <u>Outdoors</u> _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Outdoor Plow Storage?	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Outdoor Stockpiles? Describe the type of stockpile (<u>sand</u> , <u>gravel</u>), millings, mulch, asphalt cold patch, winter mix, <u>construction debris</u> , <u>excavated soil</u> : _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Vehicles & Equipment Parked Outdoors? If yes, list the vehicles/equipment (i.e. fuel vehicles, oil distributor, etc): <u>Semi-Truck, Street Cleaner Machine</u>	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Other Activities:	

Solid Waste Activities		Circle		
Hazardous Waste Generator Status -N/A		VSQG	SQG	LQG
Do you reference the Waste Manual for waste disposal decisions? <input checked="" type="radio"/> Yes or No				
Universal Wastes at Facility (Title 40 of the Code of Federal Regulations (CFR) in part 273)		Batteries Lamps Mercury Containing Items <input checked="" type="radio"/> Pesticides Aerosol Cans		
Is there an outside storage area for hazardous materials or hazardous waste? Yes or <input checked="" type="radio"/> No				
Is antifreeze stored on-site? Yes or <input checked="" type="radio"/> No If yes, what is it stored in? _____				
How is used antifreeze managed?		Recycled w/ outside company Reused on-site Sold		
Has waste antifreeze been tested for hazardous vs. non-hazardous? Yes or No				

*VSQG = Very Small Quantity Generator, SQG = Small Quantity Generator, LQG = Large Quantity Generator
<https://www.epa.gov/hwgenerators/categories-hazardous-waste-generators>

Grass & Weed Control Activities	
Are pesticides stored on-site? If yes, where? <u>Inside Shop</u>	<input checked="" type="radio"/> Yes or No
Are fertilizers stored on site? If yes, where? <u>Inside Shop</u>	<input checked="" type="radio"/> Yes or No
Are personnel certified or educated on application methods?	<input checked="" type="radio"/> Yes or No

Solvent Usage and Storage		
Are there any solvent parts washers used on-site? - None		
Chemical Name	CAS Number	Yearly Usage
Is any aqueous cleaning done?		

Used Oil Activities	Circle
Aboveground oil storage tanks (ASTs)	Used Oil <input checked="" type="radio"/> Gasoline <input checked="" type="radio"/> Diesel Equip. Hydraulic Tank
Any underground storage tanks (USTs)?	Yes or <input checked="" type="radio"/> No If yes, describe: _____
Do you have a Spill Prevention, Control, & Countermeasure (SPCC) Plan?	Yes or <input checked="" type="radio"/> No
How is used oil disposed of?	Describe (hazardous or nonhazardous, recycled): - N/A
Do you burn used oil on-site?	Yes or <input checked="" type="radio"/> No If yes, what do you burn it in? _____

Geographic	
Number of Acres at Facility: 6.07	Impervious Surface Estimate: 59.3%
Are there wetlands on or near the facility?	<input checked="" type="radio"/> Yes or No Type of Wetlands: PEM1C
Nearest Receiving Water (surface water body):	Name: Base Lake Distance: 3,369'
Name of the watershed the property is located in:	Big Papillion – Mosquito Watershed

Miscellaneous	Circle
Are any wastes disposed of in underground injection wells, septic drainages, or on-site lagoon?	Yes or <input checked="" type="radio"/> No List type of wastes and where they are disposed: _____
Are there any floor drains? _____	<input checked="" type="radio"/> Yes or No If yes, what do they empty into? <u>Sump Pit to Area Inlet</u>
Are there pits or sumps on-site? _____	<input checked="" type="radio"/> Yes or No * Sump in car wash inlet * Pits <input checked="" type="radio"/> Sumps Other: _____
Are there oil-water separators on-site?	Yes or <input checked="" type="radio"/> No If yes, how many? _____ Who maintains the separators & when? _____

Miscellaneous Continued

Is the site a Hot Spot, Potential Hot Spot, or Not a Hot Spot?
Hotspot

Are there any drinking water wells on the property?
No

Identify Property Neighbors:

North: Sweet Cecilia Maria

South: Cedar Properties LLC Andrew Workshops LLC

East: Spaceworks LLC

West: Woodland Valley 2021 MHC LLC

Process Flow

Describe what happens when you transfer or receive new material: i.e. salt, sand, fuel

- Sand is hauled in by Lyman-Richey and stacked in bins at each shop.
- Salt is delivered with grain trucks or belly dump trucks, then stored in an outdoor building or covered structures on site.
- Fuel is hauled in and stored in containment tanks.

Pollution Prevention/Good Housekeeping BMPs:

Describe BMPs being implemented and how often:
No official protocol is currently implemented at this site. Department is looking to implement FRCP plan and recommendations for BMPs for the coming year.

Addition Comments:

Attachments:

Site Diagram(s) / Aerial Photograph, Hot Spot Evaluation Sheet, Site Photo Log

Prepared by: Adam Schneider **Date:** 07 / 18 / 2022

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Street Maintenance Shop Dist 2- South Shop
Inspection Date 6/29/2022
FRCP Inspector Name Tyler Wynn
Facility Address 206 Industrial Dr., Bellevue, NE
Facility Supervisor Bobby Riggs
Main Site Contact Bobby Riggs
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained
Fueled *Repaired*
Washed *Recycled*
Stored

A4. Are vehicles stored and /or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: *sand/salt mix, liquid deicer, asphalt millings*

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % *100*
Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					No Gutters
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5	
Organic Material	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5	
Litter	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5	

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (> 15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

Fueling area is covered
 Washout inlet has sump that is cleaned by Bellevue Sewer Dept
 Loading and unloading of soil, sand, gravel stockpiles occurs regularly
 Grizzly dirt, sand and salt are covered- rocks, gravel, mulch, soil is uncovered
 No labels on liquid deicer tanks
 Significant rust on dumpster
 Loose gravel in parking lot
 Only diesel stored on site- no gas
 Area flooded in 2019- City plans to rebuild or relocate shops

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 20
 FRCP is required
 Targeted education is recommended.

Street Maintenance District 2 - South Shop

Site Photos Location & Aerial Map



Hancock St

Harlan Lewis Rd

Woodland Valley

Worldwide Aircraft

Bellevue Marina

Industrial Dr

Google Earth

300 ft



Picture 1: Area Inlet – 6/29/2022



Picture 2: Covered Fueling Area – 6/29/2022



Picture 3: Downspout Drain to Impervious Surface – 6/29/2022



Picture 4: Gutters Drain to Impervious Surface – 6/29/2022



Picture 5: Downspout Drain to Impervious Surface – 6/29/2022



Picture 6: Portable Bluiding Drain to Inlet – 6/29/2022



Picture 7: Gravel on Pavement Leading to Inlet – 6/29/2022



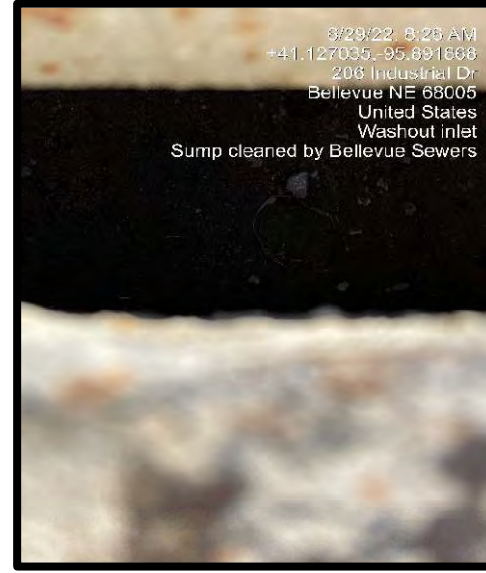
Picture 8: Gravel on Pavement Leading to Inlet– 6/29/2022



Picture 9: Grizzly Dirt and Salt Stockpiles – 6/29/2022



Picture 10: Sump Cleaned by Bellevue Sewers – 6/29/2022



Picture 11: Sump Cleaned by Bellevue Sewers – 6/29/2022



Picture 12: Sump Cleaned by Bellevue Sewers – 6/29/2022



Picture 13: Interior of Area Inlet – 6/29/2022



Picture 14: Liquid Deicer Storage Tanks Without Labels – 6/29/2022



Picture 15: Mulch and Rock Stockpile – 6/29/2022



Picture 16: Rust on Dumpster – 6/29/2022



Picture 17: Sand and Salt Mix Stockpiles – 6/29/2022



Picture 18: Stains on Asphalt – 6/29/2022



Picture 19: Stains on Pavement Around Dumpster – 6/29/2022



Picture 20: Stockpiles Draining to Area Inlet – 6/29/2022



Picture 21: Uncovered Gravel Stockpile – 6/29/2022



Picture 22: Uncovered Gravel Stockpiles – 6/29/2022



Picture 23: Vehicle Stored Outdoors – 6/29/2022



FRCP Site Visit Photo Checklist

Municipal Maintenance Facility: Maintenance District 2 - South Shop

Facility Address: 206 Industrial Drive

Photo Description	✓	Date
1. Front of Facility/Main Office		
2. Stormwater Drainages: Outfalls, drainage swales, ditches	✓	6/29/22
3. Paved Areas (including millings areas)	✓	6/29/22
4. Exposed Soil & Gravel	✓	6/29/22
5. Floor Drains, Trench Drains, Oil-water Separators	✓	6/29/22
6. Vehicle & Equipment Washing		
7. Parked Vehicle & Equipment Storage: Plows, Forklifts, Loaders, Vehicles	✓	6/29/22
8. Vehicle & Equipment Fueling	✓	6/29/22
9. Vehicle & Equipment Maintenance & Repair		
10. Stockpiled Materials: winter mix, sylvex, salt, mulch, millings	✓	6/29/22
11. Weed & Pest Management Chemicals		
12. Paints, Adhesives, Solvents		
13. Petroleum Oils & Fluids	✓	6/29/22
14. Aboveground Storage Tanks: Winter chemicals, fuel, oil, etc.	✓	6/29/22
15. Underground Storage Tanks		
16. Waste Materials: Trash bins, Waste drums	✓	6/29/22
17. Construction Salvage: Rubble, Fencing, Soil, Aggregate	✓	6/29/22
18. Recyclables: Scrap Metal, Used Batteries, Tires, Used Oil		
19. Mechanics Shop		

N/A = not applicable (no photo needed)

✓ = photo taken and included with program FRCP records (include date taken above)

ATTACHMENT C

INSPECTION CHECKLISTS
SCHEDULE FOR FACILITY BMP
IMPLEMENTATION

Maintenance Facility Runoff Control Plan Inspection Checklist

SECTION I: Site Information	
Facility Name	
Inspection Date	
FRCP Inspector Name	
Facility Address	
Facility Supervisor	
Main Site Contact	
Other Contacts	

SECTION II: Inspection Records Review (*attach copies of all reviewed inspection records)	
1. Is facility inspection and records complete and thorough?	Y or N
2. General findings from Inspection Records Review:	
<ul style="list-style-type: none"> • 	

SECTION III: General Facility Overview	
1. Have any major changes occurred to the facility since the last review?	
2. Have any structural BMPs been added to the facility?	
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Needs Improvement Satisfactory Outstanding

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ATTACHMENT D

SUGGESTED BMP PRACTICES

Building and Grounds Management

The following are examples of potential pollution sources and/or potential pollutant conveyances:

- Stormwater Drainages- drain inlets, ditches, and outfalls
- Infiltration, Retention, and Detention BMP's Surfaced Areas Exposed Soil
- Gravel and Millings Floor Drains
- Trench Drains
- Oil-Water Separators

Suggested Best Management Practices (BMP's)

a) Keep culverts, ditches, gutters, drain inlets, catch basins, and outfalls as well as infiltration, retention and detention areas free of target pollutants and in good condition.

b) Sweep surfaced areas to remove sediment and other materials that could be tracked or dispersed across the facility. Do not wash or spray materials into the storm drain system.

c) Inspect and identify areas of erosion, or offsite discharge of sediment or aggregate, that need preventative maintenance.

d) Keep floor drains, trench drains, and oil-water separators clear of build-up or debris to ensure proper drainage.

e) Keep emergency clean-up materials such as drain covers, absorbent booms, rags, or sandbags conveniently located near drain inlets, catch basins, and outfalls to stop pollutants from entering in the event of a spill.

f) Keep surfaced areas in good condition. Protect slopes, flat areas, exposed soil area, or transportation corridors with pavement if vegetation or aggregate are not an option or are inadequate solutions.

Vehicle and Equipment Management

The following are examples of potential pollution sources:

- Vehicle and equipment
- Equipment washing
- Parked vehicle and equipment storage
- Equipment fueling
- Equipment maintenance and repair

Suggested Best Management Practices (BMP's)

- a) Wash all equipment in designated areas (under cover with a pipe to a collection pit and then City sanitary sewer system)
- b) Minimize water usage during cleaning operations and use dry clean-up methods to remove sediments, clippings and other debris.
- c) Use biodegradable detergents if cleaning agents are necessary.
- d) Keep parts, equipment, and vehicles stored indoors or within designated outdoor areas away from storm drains, inlets, or catch basins.
- e) Inspect all connectors and liquid reservoirs on stored equipment and vehicles for leaks. Move leaking equipment and vehicles indoors or capture materials and dispose of properly.
- f) Immediately contain and clean up any spills or releases when they occur, and properly dispose of the cleaning materials.
- g) Cleanup evidence of fuel or oil residues on surfaces by grinning absorbent into the surface and sweeping up the material.
- h) Keep spill response kits and/or clean-up materials in close proximity to areas where spills or leaks are most likely to occur. Dispose of properly after use.
- i) Park vehicles and/or equipment close to the pump when refueling.
- j) Conduct all maintenance on vehicles and equipment indoors whenever possible.

Storage Tank Management

The following are examples of potential pollution sources:

- Substances contained in storage tanks may include soil stabilizers, dust suppressants, herbicides, fertilizers, de-icing chemicals, fuels, lubricants and other petroleum products

Suggested Best Management Practices (BMP's)

- a) Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
- b) Keep valves or plugs on secondary containment closed at all times except when draining uncontaminated water.
- c) Make sure automatic shutoff valves are functioning properly.
- d) A Spill Prevention Control and Countermeasure (SPCC) plan in place to reduce the risk.

Waste Materials Management

The following are examples of potential pollution sources:

- Waste Materials- trash, debris, empty product containers, rinse water, used oil filters.
- Fluids and Materials- gravel, sand, and soil.
- Recyclables- scrap metals, used batteries, tires, spent solvent, used oil

Suggested Best Management Practices (BMP's)

- a) Cover and clearly label all waste receptacles according to waste type.
- b) Collect all litter that accumulates around the facility grounds and dispose in properly labeled containers.
- c) Ensure that trash bins are used and not overflowing by scheduling regular pickup and disposal of waste materials.
- d) Store containers, material, and salvage away from direct traffic routes, drain inlets, catch basins, outfalls, areas prone to flooding or ponding, and floor trench drains to prevent accidental damage or spills.
- e) Educate and train every employee that is their daily responsibility to be aware of materials, residues, and trash that could be washed away in Stormwater.
- f) Develop a plan to reuse or dispose of irregular waste material as soon as the material is brought on site.
- g) Store batteries in an upright position in leak proof covered containers.
- h) Schedule regular pick up for waste tires, scrap metal used oil, used antifreeze and other waste intended for recycling.
- i) If any waste material may be hazardous, complete a waste determination prior to disposal according to Departmental Procedures and keep records at the facility. Any material that poses a significant threat to human health and the environment, contact Hazardous Material Response. If unsure of disposal requirements, contact the Public Works Director for direction.
- j) Store hazardous waste containers (preferred in a building or covered area) on pallets or in a containment device to prevent corrosion of the containers by contact with moisture or other chemicals.
- k) Immediately contain and clean up any spills that may occur, and properly dispose of the cleaning materials.

Product Material Management

The following are examples of potential pollution sources:

- Stockpiled materials - gravel, sand and soil, paints, fertilizers, and other chemicals and pesticides

Suggested Best Management Practices (BMP's)

- a) Locate raw material stockpiles away from drain inlets, catch basins and outfalls.
- b) Sweep up loose product that is outside of designated area to prevent tracking.
- c) Reduce the exposure of stockpiles and limit the amount of stockpiled materials during the rainy season.
- d) To the extent possible, store materials indoors or cover piles with storm resistant coverings to prevent exposure to precipitation.
- e) Minimize the amount of pesticides and fertilizers that are stored on-site at all times.
- f) Store and dispose of pesticides and fertilizers per manufacturer's recommendations.
- g) Store materials in a dedicated area away from direct traffic routes to prevent accidental damage or spills and store materials indoors or under a covered area when possible.
- h) When receiving new product materials, check drums, tanks, and contents.
- i) Ensure all containers are clearly and accurately labeled according to contents.
- j) Close containers between filling and emptying events.
- k) Keep an adequate supply of dry absorbent material and dispose of properly once used

Nebraska Department of Transportation Municipal Pollution Prevention



MAINTENANCE FACILITY Good Housekeeping and Pollution Prevention

Building & Grounds



- Keep culverts, gutters, and catch basins free of pollutants.
- Sweep paved areas to remove dirt, grit, grass clippings and other pollutants.
- Identify and repair off site erosion quickly to prevent impact to vegetation and drainage channels.

Vehicles & Equipment



- Conduct maintenance or repairs away from drain inlets or catch basins.
- Clean up fuel & oil residues with absorbents, then sweep up material.
- Park vehicles & equipment close to pumps and don't top off tank when fueling.

Product Materials



- Locate raw material stockpiles away from drain inlets and catch basins.
- Store materials in a dedicated area away from direct traffic routes to prevent damage or spills.
- Ensure all containers are properly labeled.

Bulk Storage Containers



- Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
- Keep valves or plugs on secondary containment closed at all times except when draining uncontaminated water.
- Make sure automatic shutoff valves are functioning properly.

Waste Materials



- Cover and clearly label all waste receptacles according to waste type.
- Develop a plan to reuse or dispose of construction salvage as soon as material is brought on-site.
- Store batteries in upright position in leak-proof and covered containers.

For more information contact the NDOT at:
Phone: 402-479-4656
Email: dot.operationsenvironmental@nebraska.gov
Address: 1500 Highway 2
 PO Box 94759
 Lincoln, NE 68509-4759
Website: dot.nebraska.gov/projects/environment



What is Stormwater Runoff?

Stormwater runoff is precipitation (rain or melted snow) that flows over land. Stormwater can pick up pollutants as it runs off the land into lakes, streams and rivers. This is called polluted runoff.

Storm drains collect runoff and convey it without treatment directly into water bodies. Polluted runoff can impact drinking water, wildlife, human health, and property values.



What are Common Stormwater Pollutants?



- **Soil, sand, sediments** cloud the water, smother and destroy critical wildlife habitat.
- **Chemicals** (fertilizer, paints and solvents, vehicle fluids, tar sealants, etc.) are carried with runoff and can be toxic to wildlife.
- **Salt**, which is spread on roads, sidewalks and parking lots to melt snow and ice, dissolves in water or snowmelt. Once it gets into our water it cannot be removed. Salt in water bodies can be toxic to aquatic life.
- **Solid waste & debris**, like cigarette butts, leaves, trash and other forms of litter is unsightly and can harm wildlife.

Why is Stormwater Quality Important to NDOT?

Environmental Stewardship combines environmental considerations into the planning, design, construction and operational activities associated with the Nebraska transportation system. NDOT is committed to its role as an environmental steward and to preserving and protecting the environmental features and resources of the state.

Environmental permits are issued to NDOT for controlling many construction and operations activities which may impact water quality. NDOT works to communicate these requirements clearly, equipping Department staff to support compliance activities. In urban areas that have at least 10,000 people, additional stormwater control requirements are necessary to comply with EPA and NDEQ regulations. These permits are referred to as the National Pollutant Discharge Elimination System (NPDES) MS4 Permit.

Good Housekeeping and Pollution Prevention at NDOT Facilities

Maintenance facilities operated by NDOT serve as a base for highway maintenance operations, providing many important services such as snow and ice control, highway and bridge maintenance, landscaping and mowing, fleet maintenance and repair, fueling operations, signal and lighting repair, sign maintenance, animal removal, and pickup of roadway litter and debris. NDOT is required to develop and implement an operation & maintenance program that includes a training component focused on preventing or reducing polluted runoff from NDOT operations.



Good Housekeeping and Pollution Prevention Goals



- **Reduce the risk** of discharging targeted pollutants into a storm drain system that may contaminate waters of the state from maintenance facilities
- **Inform and educate** maintenance facility staff about the personal actions recommended for managing targeted pollutants within individual facilities across the state.
- **Track** ongoing good housekeeping and pollution prevention efforts conducted at facilities in order to quantify effectiveness of stormwater protection.

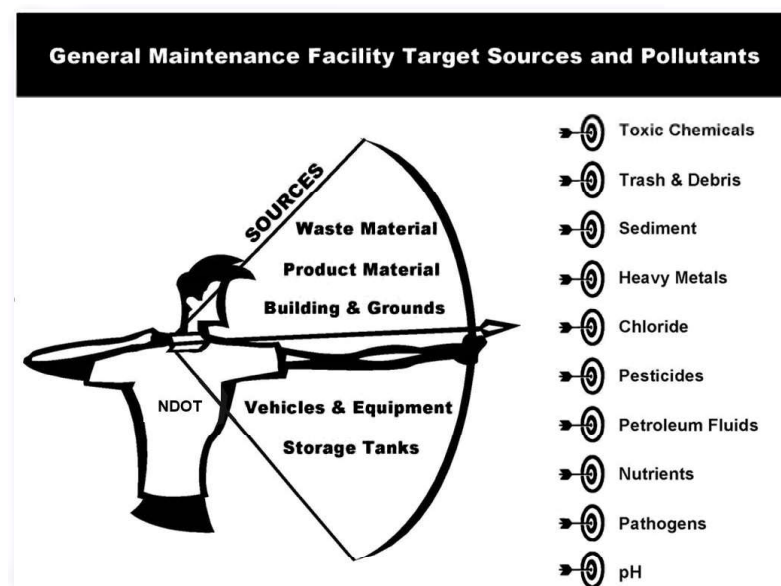
- **Demonstrate compliance** with a program, including training, to reduce polluted runoff from maintenance facilities. This is required for all NDOT Operations conducted inside the urban boundary of a Nebraska community having more than 10,000 residents.
- **Maintain consistency** with existing environmental stewardship efforts and regulatory compliance obligations fulfilled at each facility.

Target Pollutants and Source Categories

Every NDOT facility has unique conditions, but it is important to identify common target pollutants at a site. Understanding how to prevent and limit pollutant sources daily in facility activities such as vehicle & equipment management or product material storage leads to environmental stewardship.

SOURCE CATEGORIES

Waste Material
Product Material
Building & Grounds
Vehicles & Equipment
Bulk Storage Tanks



What is a Facility Runoff Control Plan?

If your facility lies within a MS4 Boundary, a Facility Runoff Control Plan (FRCP) will provide NDOT Maintenance Facility staff with a user-friendly, site-specific approach to protecting the quality of stormwater leaving a facility, using good housekeeping and pollution prevention Best Management Practices (BMPs). The FRCP is a living document, providing stormwater quality education, facility inspection and corrective action guidance for NDOT Maintenance Facility staff. However, the FRCP does not replace other facility environmental regulatory requirements (SPCC, RCRA, etc.).

What is a Corrective Action?



Each facility with a FRCP is responsible for completing a self-inspection once a month. Qualified facility inspectors document potential and immediate pollutant issues requiring a corrective action, or the next action needed to repair, remove or remediate the pollutant and pollutant source before it can enter the storm drain system. Corrective actions should be completed before the next rain event or next facility inspection, whichever is first.

Pollution Prevention is Everyone's Responsibility

Each person at a facility is responsible for protecting stormwater quality by making good housekeeping and pollution prevention Best Management Practices part of their daily routine. Always consider "L"evating your daily facility management by being mindful of **The Five "L"s** of Pollution Prevention.



Roadside Development and Compliance Unit (RDC)

NDOT's MS4 Program is implemented by the Environmental Division - Roadside Development and Compliance Unit.

RDC is responsible for making sure the following five required elements of the MS4 Program are being implemented for NDOT Construction and Operations.

1. Public Education, Outreach and Involvement
2. Illicit Discharge Detection and Elimination
3. Construction Stormwater
4. Post-Construction Stormwater
5. Good Housekeeping and Pollution Prevention



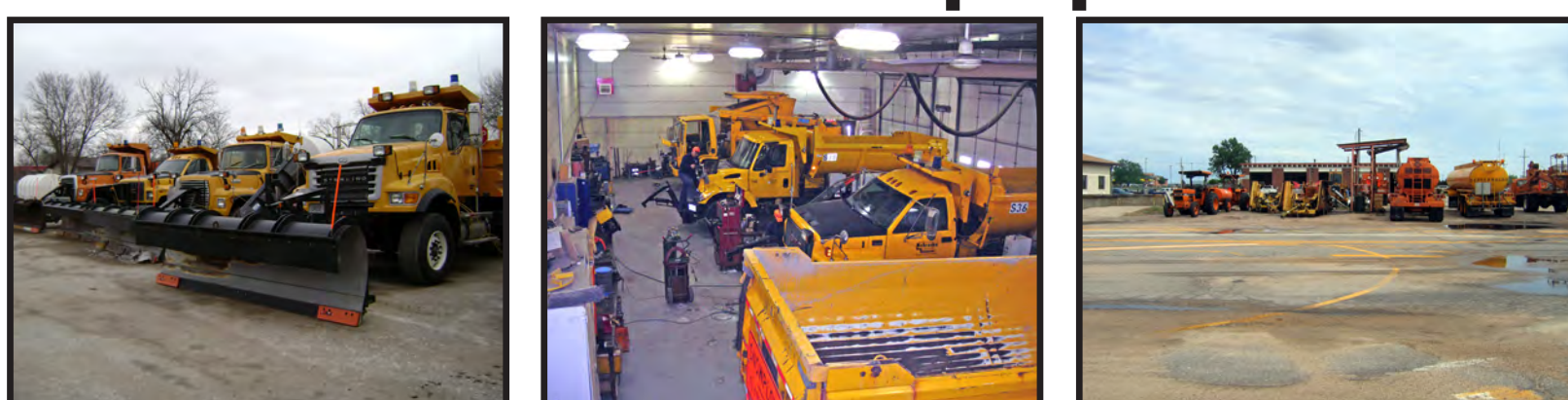
Nebraska Department of Transportation Municipal Pollution Prevention

Building & Grounds



- Keep culverts, gutters, and catch basins free of pollutants.
- Sweep paved areas to remove dirt, grit, grass clippings and other pollutants.
- Identify and repair off site erosion quickly to prevent impact to vegetation and drainage channels.

Vehicles & Equipment



- Conduct maintenance or repairs away from drain inlets or catch basins.
- Clean up fuel & oil residues with absorbents, then sweep up material.
- Park vehicles & equipment close to pumps and don't top off tank when fueling.

Product Materials



- Locate raw material stockpiles away from drain inlets and catch basins.
- Store materials in a dedicated area away from direct traffic routes to prevent damage or spills.
- Ensure all containers are properly labeled.

Bulk Storage Containers



- Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
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Waste Materials



- Cover and clearly label all waste receptacles according to waste type.
- Develop a plan to reuse or dispose of construction salvage as soon as material is brought on-site.
- Store batteries in upright position in leak-proof and covered containers.

For more information contact the NDOT at:

NEBRASKA

Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION

Phone: 402-479-4656
Email: dot.operationsenvironmental@nebraska.gov
Address: 1500 Highway 2
PO Box 94759
Lincoln, NE 68509-4759
Website: dot.nebraska.gov/projects/environment

ATTACHMENT E
EDUCATION & TRAINING



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Recommended Regular Trainings:

- Facility Good Housekeeping and Pollution Prevention (GHPP)
 - A training course to cover GHPP BMPs at the City's maintenance facilities.
 - Staff will be required to take a refresher course every 3 years and new hires will be required to take the course within the first 30 days of employment.
 - Recommended for Public Works Department, Fleet Maintenance Department, and Streets Department staff.
 - In-house Training.
- Implementation of Facility Runoff Control Plans (FRCP)
 - A training course related to the implementation and overview of the FRCP.
 - Staff will be required to take a refresher course every 3 years and new hires will be required to take the course within the first 6 months of employment.
 - Recommended for Public Works Department and FRCP Municipal Facilities staff.
 - In-house Training.
- Illicit Discharge Detection and Elimination (IDDE)
 - A training course related to illicit discharges.
 - Staff will be required take a refresher course every 3 years and new hires will be required to take the course within the first 30 days of employment.
 - Recommended for Public Works Department staff.
 - In-house Training.
- Erosion and Sediment Control training classes through City of Omaha's Annual Seminar or NDOT's Inspector Certification ([NE LTAP | Nebraska LTAP | Nebraska \(unl.edu\)](#)).
 - Classroom and Online Options

Additional trainings and informational webinars:

EPA WEBINARS

Post-Construction BMP Performance

EPA Webinar

Dated 2/6/2008

Video Length 2 hours 5 minutes

Video Description: *Explores the details of best management practice (BMP) performance, including pollutant concentrations, volume reduction and total load reduction. It also debunks the BMP performance myth of using "percent removal" and highlights the Urban BMP Performance Tool, which includes hundreds of studies on BMP performance.*

Hyperlink to Website: [BMP Performance - YouTube](#)

Road Salt Pollution

EPA Stormwater Pollution Webinar

Dated 2006

Video Length 2 hours 11 minutes

Video Description: *Provides information on the impacts of road salt on the environment, implementation of TMLDs involving road salt, successful reduction strategies used by states, and possible groundwater impacts.*

Hyperlink to Website: [EPA's Stormwater Pollution Prevention Webinar Series: Road Salt Pollution Prevention Strategies - YouTube](#)

Building a Local Program & Municipal Operations

EPA Webinar – “Killing Two Birds with One Stone”

Dated 12/6/2006

Video Length 2 hours 2 minutes

Video Description: *Includes an overview of maintenance activities, explains why maintenance is essential for water quality, and identifies top maintenance headaches faced by MS4s. It also discusses how to build an effective local maintenance program, conduct a municipal operations analysis, train municipal employees, reduce future maintenance burden by improving designs, track maintenance needs and activities, and ensure maintenance happens.*

Hyperlink to Website: [Building a Local Program to Maintain Your Stormwater Practices - YouTube](#)

Conducting IDDE Investigations

EPA Stormwater Webinar

Dated 7/11/2007

Video Length 1 hour 58 minutes

Video Description: *Discusses the field and lab methods necessary to conduct IDDE investigations. The covered topics include: IDDE terminology, basic components of an effective IDDE program, desk top assessments of illicit discharge potential to prioritize field activities, outfall reconnaissance inventory, post-screening prioritization, and detailed field and lab analyses to confirm and identify illicit discharges.*

Hyperlink to Website: [Conducting Illicit Discharge Detection and Elimination Investigations \(IDDE 201\) - YouTube](#)

Finding & Fixing Illicit Discharges & Connections

EPA Stormwater Webinar

Dated 9/30/2009

Video Length 2 hour 0 minutes

Video Description: *Focuses on finding and eliminating illicit discharges. The covered topics include: methods for tracing illicit discharges to their sources via various methods and eliminating illicit discharges. A specific case study is also discussed.*

Hyperlink to Website: [Illicit Discharge Detection and Elimination IDDE 301 - YouTube](#)

OSHA HAZWOPER Training Courses (Good Housekeeping)

24-hour, 40-hour, and 8-hour trainings

Online OSHA classes available

HAZWOPER training applies to workers and employers involved in five specific types of operations outlined in OSHA's HAZWOPER standard:

- Required cleanup operations involving hazardous substances and conducted at an uncontrolled hazardous waste site
- Corrective actions involving cleanup operations at sites covered by the Resource Conservation and Recovery Act (RCRA)
- Hazardous waste operations conducted at treatment, storage and disposal (TSD) facilities regulated under RCRA
- Operations at non-TSD facilities that generate hazardous waste
- Emergency response operations involving the release of or substantial threat of release of hazardous substances regardless of the location of the hazards

Spill Prevention, Control, and Countermeasure (SPCC) Trainings (Good Housekeeping)

Confined Space Entry Trainings for Sewer Maintenance (Good Housekeeping & IDDE)

MUNICIPAL EMPLOYEE TRAINING STRATEGY
GOOD HOUSEKEEPING & POLLUTION PREVENTION

Adapted from the City of Omaha Environmental Quality Control
Division Plan



Goal

The City of Bellevue recognizes the importance of having a broad base of educated and informed personnel in efforts to minimize stormwater pollution. With this, the City not only focuses on stormwater education to residents and the regulated community, but also coordinates education for applicable municipal employees, in an effort to achieve program goals through increased awareness. Training and education is to be focused on increasing comprehension and application of Good Housekeeping and Pollution Prevention (GH & PP) strategies that will protect the quality of stormwater runoff.

Target Audiences

Training is provided to the employees who, through their routine activities, have the most potential to encounter stormwater pollution. These municipal employees can include:

- City maintenance facility staff and field crews
- City staff associated with Municipal Separate Storm Sewer System (MS4) maintenance activities

Municipal employees in other divisions and departments that may encounter potential sources of stormwater pollution in some form as part of their job duties will be made aware of training opportunities as they are provided, such as the annual Sediment & Erosion Control Seminar.

The primary message of the municipal staff training program is that each employee has a personal responsibility to protect water quality by making smart decisions, and to look for potential pollution sources, minimize sources, and address sources as applicable, as part of their standard operations.

Training Resources

Trainings will be provided in a variety of forms, including but not limited to:

- EPA training webinars: Videos on a variety of GH & PP topics
- Presentations: tailored presentations to cover topics specific to audience
- Conferences and seminars: Events with tailored presentations, and often, applicable vendors for the subject matter and audience organized by the City, the Papillion Creek Watershed Partnership, or professional organizations
- Printed materials: brochures, posters, and field guides
- Web resources: Websites with electronic resources, including OmahaStormwater.org, and web-based educational programs and tools

Training Topics

From year to year, various topics will be highlighted and prioritized to broaden the knowledge base of municipal staff. Topics to be covered include, but are not limited to:

- Illicit discharge detection and elimination

- Construction site runoff
- Good housekeeping measures and practices
- Post-construction Best Management Practices (BMPs)
- Spill prevention and countermeasures
- General pollution prevention
- Stormwater management

Training Descriptions

- Training for City maintenance facility staff and field crews is provided in the Facility Runoff Control Plan (FRCP) Program document if one has been developed for their reporting location.
- Training specific to MS4 maintenance activities is available through conferences, online resources, and other platforms offered by professional organizations and agencies.
- Public Works staff receives initial training on GH & PP topics, including in-field training for inspection and maintenance activities, as well as ongoing trainings for continued education.

Training Tracking

- Attendance and subject matter will be documented for each formal training coordinated and/or attended by Public Works and/or applicable staff.
- As part of their Facility Runoff Control Plans (FRCPs), maintenance facilities are to document their trainings. Site supervisors are encouraged to review and incorporate stormwater related topics into less formal educational settings, including staff meetings, safety meetings, and employee orientation.
- MS4 maintenance activity trainings are the responsibility of the respective department.

Evaluation

Providing education opportunities and materials relevant to municipal staff is an ongoing consideration. The employee training strategy will be evaluated annually to determine appropriate topics and groups of staff that need further education or increased levels of awareness. Upon review each year, training format and content will be adjusted for applicability and greatest effectiveness. The City will continue to develop GH & PP educational materials as needs are recognized and/or staff feedback identifies a relevant topic that could reduce the risk of stormwater pollution.



ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) TRAINING STRATEGY

Adapted from City of Omaha Environmental Quality Control Division,
Public Works Department Plan



Goal

Provide training for municipal field staff whose primary job duties lend them to potentially come in contact with or otherwise observe an illicit discharge or illicit connection to the separate storm sewer system.

Target Audience

Municipal field staff originate from multiple City Departments. These can include:

- Parks, Recreation & Public Property
 - Park Maintenance
 - Code Enforcement
- Planning
 - Permits and Inspections
 - Community Development
- Public Works Department
 - Waste Water Department
 - Streets Department
 - Fleet Maintenance Department

Strategy

Each respective Department's potential to encounter illicit discharges varies, some are more likely to see them than others. The Public Works Department serves as a primary resource for stormwater-related topics, including illicit discharge detection and elimination. Training and training resources will be provided to these Departments commensurate with their potential to come in contact with an illicit discharge. Ultimately, each Department oversees the training curriculum for their staff. The primary approach for training of municipal field staff will include, but is not limited to:

1. Compliance level training to eliminate confirmed illicit discharges or connections.
2. Inspector level training on illicit discharge detection.
3. Awareness level training for facility or department wide training sessions.
4. Provide printed educational materials.
5. Offer education and guidance on a case by case basis.

Most Departments will receive awareness level training. Within the Public Works Department identified personnel will receive Inspector and Compliance level training. City of Bellevue will encourage personnel to attend various internal and external training opportunities throughout the year. The training session topics include good housekeeping practices, erosion control installation and inspection, storm water pollution prevention measures, and other MS4 related trainings.

Training Tracking

- Attendance and subject matter will be documented for each formal training coordinated and/or attended.
- As part of their Facility Runoff Control Plans (FRCPs), maintenance facilities are to document their trainings. Site supervisors are encouraged to review and incorporate stormwater related

topics, including IDDE, into less formal educational settings, including staff meetings, safety meetings, and employee orientation.

- Tracking for additional trainings are the responsibility of the respective Department.

Reporting

The MS4 annual report will provide details of the training events and the number of employees in attendance, and the distribution of outreach materials.

Evaluation

Providing education opportunities and materials relevant to municipal staff is an ongoing consideration. The City of Bellevue will continue to develop educational materials as needs are recognized and staff feedback identifies a relevant topic that could reduce the risk of stormwater pollution citywide.



CITY OF BELLEVUE
STORM WATER MANAGEMENT PROGRAM
FACILITIES RUNOFF CONTROL PLAN (FRCP)
MAINTENANCE DISTRICT 3 – SOUTHWEST SHOP

Prepared for:

City of Bellevue
MS4 Storm Water Program

July 2022

Facilities Runoff Control Plan (FRCP) Program

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Table 2: Staff Responsibilities for FRCP Continuous Implementation

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Figure 1: Target Source Categories & BMPs

Attachments

Attachment A: City of Bellevue Facilities Map

Attachment B: Facility Profile & Questionnaire

Hot Spot Investigation Form

Aerial Map & Site Photos

FRCP Site Visit Photo Checklist

Attachment C: Inspection Checklists

Schedule for Facility BMP Implementation

Attachment D: Suggested BMP Practices

Attachment E: Education & Training

1.0 Program Overview

As a regulated Municipal Separate Storm Sewer System (MS4), the City of Bellevue (City) is required to develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from agency operations. The developed program includes employee training to prevent and reduce stormwater pollution from activities at facilities listed in **Attachment A**. Facility Runoff Control Plans (FRCP) are one tool used by the City to comply with these requirements.

Maintenance facilities operated by the City serve as a base for maintenance operations providing many important services such as, but not limited to, snow removal and ice control, street and bridge maintenance, landscaping and mowing, fleet maintenance and repair, fueling operations, signal and lighting repair, sign maintenance, animal removal, pickup of roadway litter and debris household hazardous waste collection and sewer maintenance. These operations mostly occur inside of the regulated MS4 permit boundary.

A FRCP provides the City maintenance facility staff with a comprehensible approach to protecting the quality of stormwater leaving a maintenance facility using good housekeeping and pollution prevention Best Management Practices (BMP). The Good Housekeeping/Pollution Prevention goals for this effort include:

- ▶ Reduce the risk of discharging targeted pollutants into a storm drain system that may contaminate waterways from maintenance facilities.
- ▶ Inform and educate maintenance facility staff about the personal actions recommended for managing target pollutants within individual facilities.
- ▶ Track on-going pollution prevention and good housekeeping efforts conducted at each facility in order to quantify effectiveness of stormwater protection.
- ▶ Demonstrate compliance with the program, including training, to reduce pollutant runoff from maintenance facilities.
- ▶ Maintain consistency with existing environmental stewardship efforts and regulatory compliance obligations fulfilled at each facility.

This FRCP development document is divided into the following sections:

- ▶ **Section 2.0** provides an overview of the FRCP documents and development process.
- ▶ **Section 3.0** describes the maintenance facility good housekeeping and pollution prevention target pollutant categories.
- ▶ **Section 4.0** describes how FRCP elements will be developed and implemented over time.

2.0 Facility Runoff Control Plans

2.1 Overview

A Facility Runoff Control Plan (FRCP) is a living document that provides stormwater quality education, facility inspection, and corrective action guidance for City maintenance facility staff. Facility staff use the site-specific information provided in the document to identify potential target pollutants and sources. Good housekeeping and pollution prevention methods are recommended which are largely based on personal actions and planning efforts described as non-structural Best Management Practices (BMPs). The primary focus of a FRCP is encouraging implementation of effective non-structural BMPs.

2.2 Plan Elements

A Facility Runoff Control Plan (FRCP) is developed from a standardized selection of target pollutant information (Section 3.0) and is tailored to target the potential pollution sources and discharge locations at each facility. To keep information organized, a FRCP is kept in a three-ring binder at the maintenance facility it was developed for. Site specific details in the FRCP include the following information:

- ▶ A **Title Page** that identifies the facility name and the date of the most recent version;
- ▶ A **Vicinity Map** that identifies adjacent land uses and receiving waters;
- ▶ An **Overview** of the major facility operations;
- ▶ A **Responsibility Chart** and **Reporting Procedures**;
- ▶ Identification and description of **Target Pollutants** and **Pollutant Sources**;
- ▶ A **Site Map** that corresponds with the **Inspection Checklist** and **Instructions**; and
- ▶ Blank **Corrective Action Logs** for completion with facility Inspection Checklists.

2.3 FRCP Development Team

The FRCP Development Team represents a small group of individuals from the City's Public Works Department and third-party consultants, as needed, charged with the responsibility of maintaining consistent standards. The Team is responsible for evaluating each facility, educating and training facility staff, developing the FRCP document, and monitoring implementation of the FRCP.

2.4 Development Process

Development of each FRCP requires preparation, data collection when on-site, and timely follow-up. A description of the development process is described below.

Facilities Runoff Control Plan (FRCP) Program

- ▶ **Facility Contact and Scheduling (Section 2.4.1)**
 - Notify Department Supervisors of intended facilities to inspect.
 - Contact the main facility personnel as designated by the Department Supervisor.
 - Schedule initial facility visit and basic stormwater education session.
 - Complete desktop assessment of facility to prepare for facility visit.
- ▶ **Facility Evaluation (Section 2.4.2)**
 - Mobilize FRCP Development Team on-site and explain the development procedures to key City personnel.
 - Complete a Facility Evaluation Questionnaire for information about the facility.
 - Complete a walkthrough of the entire facility, asking questions along the way, taking additional notes and digital photographs using the photo checklist.
 - Schedule the next visit and identify staff members who must attend to be trained as qualified inspectors.
 - Provide Basic Good Housekeeping/Pollution Prevention Education for all facility staff whenever possible.
- ▶ **FRCP Implementation and Updates (Section 2.4.3)**
 - Compile all information gathered into a FRCP document.
 - Within two (2) weeks of the inspection, mobilize the FRCP Development Team and introduce the document to all the facility staff who will become qualified inspectors.
 - Use the current site map, inspection checklist, and Corrective Action form to teach the qualified inspectors how to conduct the facility inspections.
 - The FRCP Development Team identifies any revisions that need to be made to the FRCP before submitting the updated document to the Facility.
 - Provide a Question-and-Answer session with Facility staff before leaving the site.
 - The Main Site Contact(s) may make minor additions/revisions by writing on the current document.
 - The FRCP Development Team may provide assistance to make revisions to the current document when there have been significant changes to the facility.

2.4.1 Facility Contact and Scheduling

The FRCP Development Team contacts the Department Supervisors and Main Site Contact(s) to schedule a facility visit and staff education. Basic information is collected from the Main Site Contact(s) about the facility location, operations, and staff. Between the initial contact and the site visit, a desktop analysis is conducted to ensure the visit is efficient for everyone involved. The desktop analysis identifies helpful information such as a site map, nearest receiving waters, an organization chart, preliminary list of target pollutants, and recommended inspection questions about the management of such pollutants.

2.4.2 Facility Evaluation and GH/PP and Stormwater Education

The FRCP Development Team conducts an initial evaluation of the facility to obtain information necessary for developing the facility specific FRCP. The majority of the facility evaluation is conducted with staff that has been selected to be involved in continuous implementation of the FRCP recommendations. A Facility Evaluation Questionnaire is completed to ensure all relevant information is collected. The facility evaluation visit should also include an introductory educational presentation for all facility maintenance staff (discussed further in Section 4.5.1) and a facility walkthrough.

The facility walkthrough is conducted to provide the FRCP Development Team an opportunity to ask questions about specific site conditions as well as propose hypothetical housekeeping issues to determine how the facility is operated and maintained. The walkthrough is a good time to allow facility staff to ask questions about alternative good housekeeping/pollution prevention techniques that may be of interest. The FRCP Development Team documents the site thoroughly with field notes and digital photographs for reference back at the office. Following the walkthrough, the group completes all remaining information on the Facility Evaluation Questionnaire, ensuring that the facility evaluation is consistent and comprehensive. The visit is concluded by fielding any lingering staff questions and scheduling the next site visit.

2.4.3 FRCP Implementation and Updates

The FRCP Development Team continues to develop the FRCP using information collected during the site visits. In order to keep the development process on track, the FRCP is updated within two (2) weeks of a facility visit by the FRCP Development Team. The FRCP includes defining the facility inspection areas, coordination of inspection questions, and confirmation of target pollutants of concern based on actual site conditions. The FRCP also includes information specific to each facility such as existing references, procedures, and/or classifications to ensure the document is relevant.

The FRCP Development Team returns to deliver the FRCP and to conduct FRCP Inspector Training (discussed further in Section 4.5.2). All individuals who will be responsible for conducting FRCP inspections must attend the training. The FRCP is used as the training material for FRCP Inspector Training. This method allows the FRCP Development Team to introduce facility staff to the individual FRCP features during the training.

The FRCP Development Team conducts the first official site inspection with the site inspectors, allowing them to get a feel for the FRCP and learn the expectations for documentation and verification of Corrective Actions. The visit concludes the first official inspection with a question-and-answer session with staff. All staff members completing the FRCP Inspector Training are considered Qualified Inspectors and must sign the FRCP document following the training.

The FRCP Development Team makes all revisions to the document and will send updated pages to the facility with a new revision number and date listed on the cover sheet. The FRCP is continually maintained on-site, and copies of inspection records are not submitted to the FRCP Development Team, but kept in the facility binder.

Facilities Runoff Control Plan (FRCP) Program

Updates to the FRCP can be made for various reasons. There is currently no permit requirement for the frequency of updating an FRCP on a regular basis. Each FRCP should reflect the current conditions on-site. Any substantial changes to the facility, staff, procedures, or materials used after the FRCP has been finalized must be noted by hand in the FRCP until a revised edition can be made. All revisions in the FRCP should be initialed and dated in the facility's master copy of the FRCP.

3.0 Maintenance Facility Target Pollutant Identification

The FRCP is developed with the primary focus placed on enabling facility staff to identify potential problems and take actions that reduce the risk of stormwater pollution. The first step in this process is to identify the common target pollutants found at maintenance facilities. Every facility has unique conditions and target pollutants, but Section 3.1 identifies the common target pollutants that can be anticipated at most facilities. The second step is to connect maintenance facility activities with the potential to discharge these target pollutants. Section 3.2 identifies the five target pollutant categories used in each FRCP. *Table 1* displays the key maintenance items and specific activities that can create and cause target pollutants to contaminate stormwater.

Table 1: General Maintenance - Facility Target Sources and Pollutants

TARGET SOURCES	TARGET POLLUTANTS
Waste Material	Toxic Chemicals
Product Material	Trash and Debris
Building and Grounds	Sediment
Vehicles and Equipment	Heavy Metals
Storage Tanks	Chloride
	Pesticides
	Petroleum Fluids
	Nutrients
	Pathogens
	pH

3.1 Target Pollutants

3.1.1 Petroleum and Vehicle Fluids

Petroleum products (e.g., gasoline, diesel fuel, motor oil and other lubricants), antifreeze, and hydraulic fluids are common pollutants deposited on the ground at maintenance facilities. Many of these products may contain special additives, which may be toxic to humans and aquatic life. Potential sources of these products at maintenance facilities include leaks from vehicles and machinery and vehicle maintenance activities such as fueling, changing oil and washing.

3.1.2 Pesticides

A pesticide is a chemical agent designed to control pest organisms. The most common forms of pesticides are organic chemicals designed to target insects (insecticides) or vascular plants (herbicides). Pesticides are routinely detected in surface waters largely because water is one of the primary media in which pesticides are transported from targeted applications – the pest – to non-intended parts of the environment. Using pesticides for chemical weed control and integrated pest management activities requires storage at maintenance facilities which can become a potential source of pollution if managed improperly.

3.1.3 Metals

Dissolved and suspended metals are found in stormwater runoff above a certain threshold may harm aquatic life. These metals come from various sources and activities, including fuel combustion, brake pad wear (copper), tire wear (cadmium and zinc), metal corrosion, pressure-treated wood and creosote posts used for guard rails (arsenic), paints, herbicides and other materials. Maintenance facilities become a central location for much of the materials and equipment that can be a source of dissolved and suspended metals in stormwater.

3.1.4 Sediment

An amount of sediment transported by stormwater in excess of natural concentrations is considered a pollutant. Additionally, potential pollutants (e.g., metals and nutrients) attached to sediment particles are transported with the sediments to receiving waters and increasing the potential for water quality impacts. Potential sources of sediment in runoff from maintenance facilities include tracking, transport and storage of loose bulk materials (e.g., sand or other aggregate), grading-related activities un-vegetated soils, and soil erosion.

3.1.5 Litter and Debris

Litter and debris in stormwater accumulate in the manufactured form of paper, aluminum cans, styrofoam, plastic waste products and other items commonly discarded inappropriately. These pollutants can be transported by wind and stormwater into the storm drainage system. Litter and debris is often brought to maintenance facilities after street sweeping, storm drain maintenance, and right-of-way cleanup activities. Litter in surface waters can inhibit the growth of aquatic vegetation, harm aquatic organisms by ingestion or entanglement, convey other pollutants, such as toxic substances and cause aesthetic problems on shorelines of ponds and lakes. In addition to impacting water quality, these items may obstruct the stormwater drainage system and cause property damages.

3.1.6 Nutrients

Nutrients include any substance taken up by living things to promote growth. The term generally applies to nitrogen and phosphorus, but is also applied to other essential trace elements less commonly used. Excessive amounts of nutrients that make their way to receiving waters can over-stimulate the growth of aquatic plants causing extreme algal blooms leading to low dissolved oxygen levels and can result in fish kills, foul odors, and limited public use. Some of the possible sources of nitrogen and phosphorous from maintenance facilities include storage of fertilizers, decaying plant materials from tree trimming, vegetation management surfactants and emulsifiers and natural sources such as the mineralized organic matter in soils.

3.1.7 pH

The pH of a water sample is a measure of its acidity (acid) or alkalinity (base). Water that is acidic or alkaline may causes harm to aquatic organisms or consumers of the water, and may even result in damage to equipment and materials. Maintenance activities that may change the

pH of runoff include the storage of batteries holding battery acid, parts washing and management of concrete wastes.

3.1.8 Pathogens

Pathogenic microorganisms, such as viruses and bacteria, can be extremely variable in natural conditions making them difficult to measure and control. A group of pathogenic microorganisms known as coliform is commonly measured as an indicator of the potential presence of pathogens with fecal origin which can cause significant health issues in humans and other water consumers. Sources of total and fecal coliforms in stormwater runoff are everywhere (e.g., soil microorganisms, wild and domestic animal droppings, etc.). Maintenance facilities must control specific sources of coliform from any animal wastes, non-permitted sewer connections to a storm drain or receiving stream, seepage from septic tanks and spillage from portable toilets.

3.1.9 Chlorides and Sulfates

Winter roads maintenance requires the use of chemicals and abrasives in large enough quantities to keep roadways safe for travel. Maintenance facilities store large quantities of sand and salt in preparation for use during storm events. To prevent salts from caking, a variety of chemicals are added to the stockpiles. Chlorides and sulfates are all dissolved substances that may be toxic to receiving waters in strong enough doses. Chlorides and sulfates will typically runoff during rain events from unmanaged maintenance facilities eliminating stream channel vegetation which is essential for a healthy aquatic ecosystem and the prevention of stream bank erosion.

3.2 Target Source Categories

Target pollutants are generated from one of five potential sources that occur at maintenance facilities. Using appropriate Best Management Practices (BMPs) for each of the sources depicted in *Figure 1* and described below helps ensure that all potential pollutants are addressed.



Figure 1: Pollutant Sources & BMPs

3.2.1 Building and Grounds Maintenance

Maintenance facilities require building and grounds management, which includes care of landscaped areas around each facility, cleaning of parking areas and pavements, and maintenance of the stormwater drainage system. Tasks to perform these activities include equipment operation, litter/trash pickup and maintenance landscaping, which can in turn result in spills, leaks, trash, sewage, erosion and chemical vegetation control. Potential target pollutants could include sediment, litter, trash, sewage, pesticides, fuel, hydraulic fluid and oil. **Buildings and grounds must be maintained in a manner that reduces the risk of discharging pollutants to the stormwater drainage system.**

3.2.2 Vehicle and Equipment Management

Maintenance facilities are the primary staging areas for all vehicles and equipment used to operate and maintain roads and properties owned by the City. All vehicles and equipment require operation and management of some type, which may include storage, fueling, cleaning, maintenance and repair. Haphazard management actions can quickly lead to substantial spills, leaks, and non-stormwater discharges. **Vehicle fluids at fueling areas as well as equipment washing, storage, and maintenance areas must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

3.2.3 Storage Tank Management

Bulk storage tanks full of stock products are a typical feature of most maintenance facilities and they generally come in all shapes and sizes. Substances contained in storage tanks may include soil stabilizers, dust suppressants, herbicides, fertilizers, de-icing chemicals, fuels, lubricants and other petroleum products. A Spill Prevention Control and Countermeasure (SPCC) plan may be in place to reduce the risk of pollution from certain petroleum products, but all bulk storage tanks generate a certain level of risk of discharge to adjacent drainages and receiving waters. **Storage tanks must be protected and maintained in a manner that reduces the risk of discharging pollutants to the stormwater drainage system.**

3.2.4 Waste Material Management

Activities at maintenance facilities generate many types of wastes that accumulate or may be discharge into the environment. Types of wastes that must be managed include construction salvage materials such as rubble, fencing, soil, aggregate; recyclables such as scrap metal, tires, spent partswasher solvent, used oil, and used batteries. Waste materials can also include trash and debris, empty product containers, and rinse water. Personnel need to reference the Department-specific procedures or the City's standard guidance regarding waste handling to determine the appropriate methods for managing all types of waste. **Both hazardous and non-hazardous wastes must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

3.2.5 Product Material Management

Maintenance facilities store a large variety of products that could be harmful to the environment if they come into contact with surface waters. Materials that may be stored include pesticides, petroleum products, paints, concrete and asphalt products, and solvents. Storage and handling practices that minimize exposure of these materials to stormwater can significantly minimize the potential for receiving water contamination. Large stockpiles of materials located on maintenance lots require responsible management just as much as products that are stored indoors or under cover. **All product materials must be managed to reduce the risk of discharging pollutants to the stormwater drainage system.**

Suggested BMP practices for Building and Ground Management, Vehicle and Equipment Management, Waste Materials Management, and Product Material Management are found in **Attachment D.**

4.0 Continuous Implementation

4.1 Administrative Support

All facilities are encouraged to contact the FRCP Development Team with questions about conducting facility inspections and maintaining records as well as suggesting appropriate BMPs and pollution prevention efforts.

4.2 Responsibilities and Organization

Continuous implementation of the FRCP relies on designated maintenance facility staff as well as Department Supervisors. *Table 2* outlines the specific expectations and responsibilities of each City employee involved with the FRCP continuous implementation process.

Table 2: Staff Responsibilities for FRCP Continuous Implementation

Department Supervisors	<ul style="list-style-type: none"> ▶ Assist in problem resolution when requested by Main Site Contact(s)
Main Site Contact(s)	<ul style="list-style-type: none"> ▶ Coordinate facility staff for training events and facility inspections ▶ Participate in training with FRCP Development Team ▶ Verify facility inspection reports and Corrective Actions are complete ▶ Contact the FRCP Development Team for assistance with troublesome Corrective Actions ▶ Participate in facility Audits with FRCP Development Team ▶ Maintain and up-date as needed the FRCP Binder/File
Facility Inspectors	<ul style="list-style-type: none"> ▶ Conduct at least one (1) inspection every six (6) months ▶ Participate in education and training with FRCP Development Team ▶ Participate in facility Audits with FRCP Development Team ▶ Take immediate and scheduled actions when possible to reduce stormwater pollution risk

4.3 Decision Making Process

Continuous implementation of the FRCP Program is broken into four stages: Inspections and Evaluations, Corrective Actions, Recordkeeping, and Reporting. All stages must be conducted to support the annual compliance reporting effort and to reduce the risk of stormwater pollution from City maintenance facilities. The four stages are discussed in detail below.

4.3.1 Inspections and Evaluations

Inspection forms are included in with the FRCP document. Each inspector is trained to identify potential problems and likely Corrective Actions using their FRCP document. The main facility contact will designate a time every six (6) months for at least one (1) qualified individual to walk the facility and complete an inspection. Inspections will be conducted quarterly. Frequency of inspections will be re-evaluated at the end of each year. At least once every five (5) years, the

facility will undergo an Audit to determine the level of compliance and need for additional training. Section 4.4 describes FRCP Audits and **Attachment C** includes checklists for audits.

4.3.2 Corrective Actions

Site inspectors will make the determination if an immediate Corrective Action can resolve a problem or if it must be scheduled through the main facility contact. In all cases, the recommended Corrective Actions should be completed before the next rain event or facility inspection, whichever is first. In the event that a recommended Corrective Action is insufficient or a similar problem continues to come about that could be solved through a structural management practice, the responsibility to take appropriate Corrective Action is sent up the chain of command and the Corrective Action form will reflect actions taken to resolve the problem. All reasonable and prudent efforts are expected in order to reduce the risk of stormwater pollution until a final Corrective Action is made.

4.3.3 Recordkeeping

Each main contact at each facility reviews and verifies the completed inspection forms and Corrective Actions prior to filing the forms with the FRCP. Records are kept with the FRCP for at least five (5) years as a reference when a Facility Audit is completed. Each facility will be responsible for maintaining the records of all Audits and FRCP training and education.

4.3.4 Reporting

The City's Public Works Department will summarize all FRCP Program activity for inclusion in the MS4 Annual Report. A narrative and numeric description of efforts will be completed for education and training, inspections and Corrective Actions as well as FRCP Audits. Information gathered from each facility will be used to summarize a city-wide perspective for FRCP Good Housekeeping and Pollution Prevention efforts.

4.4 Audits

The FRCP supports the City of Bellevue stormwater management program. The FRCP document sets up facility Good Housekeeping/Pollution Prevention inspections to be conducted by Qualified Facility Inspectors quarterly at approximately 6-month intervals using the form provided in the FRCP. A FRCP Audit will be conducted every five (5) years at a minimum.

The audit checklists, included in **Attachment C**, have been developed to aid in assessing a facility's compliance with the requirements as they were expressed in the FRCP document. The primary outcome of an FRCP audit is the identification of opportunities to improve compliance with City of Bellevue Good Housekeeping/Pollution Prevention practices. Audits also allow the FRCP Development Team to look at the program's overall impact in terms of environmental protection and pollution prevention. The results of the audits will be used to address the FRCP program's progress in the MS4 Annual Report.

4.4.1 Qualified Auditors

An auditor shall be a qualified person familiar with the Facility Runoff Control Plan program and the goals thereof. The auditor must be familiar enough with the FRCP program to conduct an audit that will collect the data necessary to make a meaningful evaluation of the facility's compliance status and the effectiveness of the program in achieving its goals. The auditor must sign off on the Audit Checklist and distribute the completed checklist to the appropriate parties. If additional Auditors are needed, third party consultants may be used. The FRCP Development Team is responsible for selecting and training FRCP Auditors. To become a qualified auditor, the individuals would need to attend a FRCP inspection and become familiar with the FRCP program.

4.5 Education and Training

Providing training opportunities and education materials relevant to maintenance facility staff is an ongoing consideration for the FRCP Development Team. A major goal of this program is to inform and educate maintenance facility staff about the personal actions recommended for managing pollutants of concern within individual facilities throughout the City. A brief summary is provided below and more detailed information regarding education and training is included in **Attachment E** of this document along with training logs.

4.5.1 Basic Stormwater Awareness - Good Housekeeping/Pollution Prevention

The FRCP Development Team provides a short, in-house education session for all maintenance facility staff at the time of the first FRCP facility visit, and annually with new staff. The session is intended to give the audience a general understanding of how good housekeeping and pollution prevention actions relate to protection of stormwater quality. The primary message for the audience is that each employee has a personal responsibility to protect water quality by staying alert and looking for potential pollution sources. The secondary message is that these efforts will help the City comply with the MS4 permit requirements.

4.5.2 FRCP Inspector Training

A focused education session is provided for all maintenance facility staff selected to be involved with implementing the site specific FRCP. This session is provided during the second site visit by the FRCP Development Team. The session uses the FRCP developed for that site as the learning materials. Learning objectives are accomplished through hands-on use of the FRCP documents. The primary message for the audience is that the FRCP is a living document that must be maintained in order to demonstrate compliance with the stormwater permit issued to the City. Each facility must maintain at least one (1) qualified site inspector at all times.

4.5.3 On-going GH/PP and Stormwater Education

The City's Public Works Department continually looks to identify and develop on-going Good Housekeeping/Pollution Prevention (GH/PP) and Stormwater education materials that also

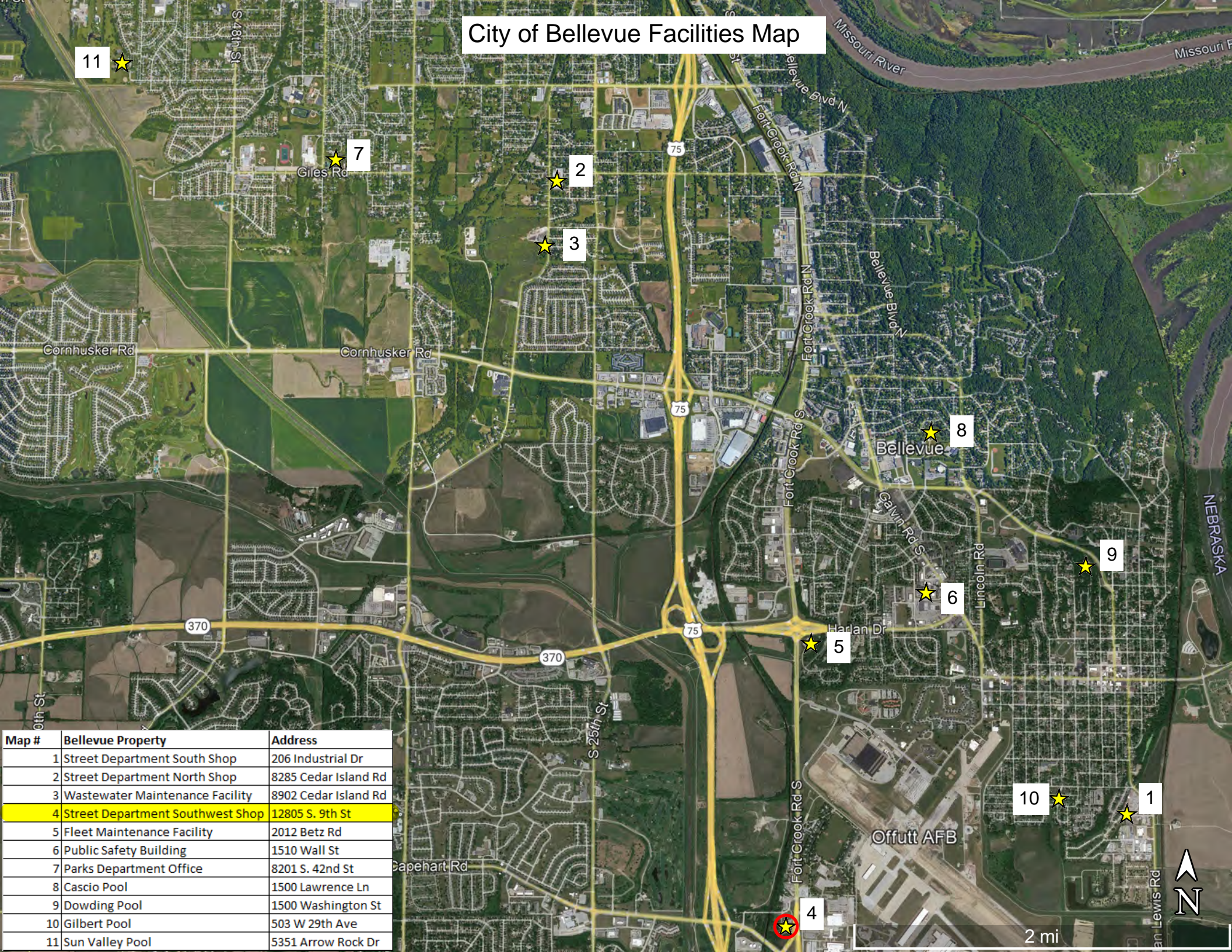
Facilities Runoff Control Plan (FRCP) Program

support the FRCP Program. On-going GH/PP and Stormwater education is provided in a number of ways including on-line training, safety meetings, posters/brochures, and conferences. Individualized GH/PP and Stormwater education topics are provided at each facility on an as needed basis.

ATTACHMENT A

CITY OF BELLEVUE FACILITIES MAP

City of Bellevue Facilities Map



Map #	Bellevue Property	Address
1	Street Department South Shop	206 Industrial Dr
2	Street Department North Shop	8285 Cedar Island Rd
3	Wastewater Maintenance Facility	8902 Cedar Island Rd
4	Street Department Southwest Shop	12805 S. 9th St
5	Fleet Maintenance Facility	2012 Betz Rd
6	Public Safety Building	1510 Wall St
7	Parks Department Office	8201 S. 42nd St
8	Cascio Pool	1500 Lawrence Ln
9	Dowding Pool	1500 Washington St
10	Gilbert Pool	503 W 29th Ave
11	Sun Valley Pool	5351 Arrow Rock Dr

ATTACHMENT B

FACILITY PROFILE & QUESTIONNAIRE

HOT SPOT INVESTIGATION FORM

AERIAL MAP & SITE PHOTOS

FRCP SITE VISIT PHOTO CHECKLIST

Maintenance Facility Runoff Control Plan

Facility Profile & Questionnaire

Please provide the following information:

General Information	
Maintenance Site Name	City of Bellevue Street Maintenance Shop District 3 – Southwest Shop
Physical Street Address	12805 S 9 th Street
City, County, State, Zip	Bellevue, Sarpy, NE 68123
Latitude & Longitude	41° 07' 04.13" N 95° 55' 38.99" W
Facility Supervisor	Bobby Riggs
Main Site Contact	Bobby Riggs
Main Site Contact's Phone Number	(402) 293-3126 bobby.riggs@bellevue.net
Additional Site Contacts	

Site Activities	Circle
Stationary Liquid Deicer Storage Tanks? If yes, provide the tank quantity: <u>10,000-gallon capacity</u> Secondary containment/protection? If yes, provide type of secondary containment/protection: _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No <input type="radio"/> Yes or <input checked="" type="radio"/> No
Solid Deicer Storage? Covered? <u>Salt is stored in building</u> Bermed? List types of deicer: <u>Gravel, Salt</u>	<input checked="" type="radio"/> Yes or <input type="radio"/> No <input checked="" type="radio"/> Yes or <input type="radio"/> No <input type="radio"/> Yes or <input checked="" type="radio"/> No
Vehicle Maintenance?	<input type="radio"/> Yes or <input checked="" type="radio"/> No
Vehicle/Equipment Washing? Wash bay or outdoor washing: <u>Outdoors</u>	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Outdoor Plow Storage?	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Outdoor Stockpiles? Describe the type of stockpile (<u>sand</u> , <u>gravel</u> , millings, mulch, asphalt cold patch, winter mix, <u>construction debris</u> , excavated soil): _____	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Vehicles & Equipment Parked Outdoors? If yes, list the vehicles/equipment (i.e. fuel vehicles, oil distributor, etc): <u>Tanker, Axle Trucks, Tractors, Tar Sealer</u>	<input checked="" type="radio"/> Yes or <input type="radio"/> No
Other Activities:	

Solid Waste Activities		Circle		
Hazardous Waste Generator Status -N/A		VSQG	SQG	LQG
Do you reference the Waste Manual for waste disposal decisions? <input checked="" type="radio"/> Yes or No				
Universal Wastes at Facility (Title 40 of the Code of Federal Regulations (CFR) in part 273)		Batteries Lamps Mercury Containing Items <input checked="" type="radio"/> Pesticides Aerosol Cans		
Is there an outside storage area for hazardous materials or hazardous waste? Yes or <input checked="" type="radio"/> No				
Is antifreeze stored on-site? Yes or <input checked="" type="radio"/> No If yes, what is it stored in? _____				
How is used antifreeze managed?		Recycled w/ outside company Reused on-site Sold		
Has waste antifreeze been tested for hazardous vs. non-hazardous? Yes or No				

*VSQG = Very Small Quantity Generator, SQG = Small Quantity Generator, LQG = Large Quantity Generator
<https://www.epa.gov/hwgenerators/categories-hazardous-waste-generators>

Grass & Weed Control Activities	
Are pesticides stored on-site? If yes, where? <u>Inside Shop</u>	<input checked="" type="radio"/> Yes or No
Are fertilizers stored on site? If yes, where? <u>Inside Shop</u>	Yes or <input checked="" type="radio"/> No
Are personnel certified or educated on application methods?	<input checked="" type="radio"/> Yes or No

Solvent Usage and Storage		
Are there any solvent parts washers used on-site? - None		
Chemical Name	CAS Number	Yearly Usage
Is any aqueous cleaning done?		

Used Oil Activities		Circle	
Aboveground oil storage tanks (ASTs) - None	Used Oil	Gasoline	
	Diesel	Equip. Hydraulic Tank	
Any underground storage tanks (USTs)?	Yes or <input checked="" type="radio"/> No If yes, describe: _____		
Do you have a Spill Prevention, Control, & Countermeasure (SPCC) Plan?	Yes or <input checked="" type="radio"/> No		
How is used oil disposed of?	Describe (hazardous or nonhazardous, recycled): - N/A		
Do you burn used oil on-site?	Yes or <input checked="" type="radio"/> No If yes, what do you burn it in? _____		

Geographic	
Number of Acres at Facility: 2.63	Impervious Surface Estimate: 29.4%
Are there wetlands on or near the facility?	Yes or <input checked="" type="radio"/> No Type of Wetlands: _____
Nearest Receiving Water (surface water body):	Name: Papillion Creek Distance: 2,091'
Name of the watershed the property is located in:	Big Papillion – Mosquito Watershed

Miscellaneous		Circle	
Are any wastes disposed of in underground injection wells, septic drainages, or on-site lagoon?	Yes or <input checked="" type="radio"/> No List type of wastes and where they are disposed: _____		
Are there any floor drains? _____	<input checked="" type="radio"/> Yes or No If yes, what do they empty into? <u>Sanitary</u> _____		
Are there pits or sumps on-site? _____	Yes or <input checked="" type="radio"/> No Pits Sumps Other: _____		
Are there oil-water separators on-site?	Yes or <input checked="" type="radio"/> No If yes, how many? _____ Who maintains the separators & when? _____		

Miscellaneous Continued

Is the site a Hot Spot, Potential Hot Spot, or Not a Hot Spot?
Hotspot

Are there any drinking water wells on the property?
No

Identify Property Neighbors:

North: Aksarben Fence and Gate LLC

South: Dowd/Duane J

East: United States of America

West: 9th St Apartments LLC Schneider/Penny S Sarver/Colleen L Schneider Jr/Carl E
Spring Justin W

Process Flow

Describe what happens when you transfer or receive new material: i.e. salt, sand, fuel

- Sand is hauled in by Lyman-Richey and stacked in bins at each shop.
- Salt is delivered with grain trucks or belly dump trucks, then stored in an outdoor building or covered structures on site.

Pollution Prevention/Good Housekeeping BMPs:

Describe BMPs being implemented and how often:
No official protocol is currently implemented at this site. Department is looking to implement FRCP plan and recommendations for BMPs for the coming year.

Addition Comments:

Attachments:

Site Diagram(s) / Aerial Photograph, Hot Spot Evaluation Sheet, Site Photo Log

Prepared by: Adam Schneider **Date:** 07 / 18 / 2022

Hot Spot Investigation Form

Site Information

Facility Name City of Bellevue Street Maintenance Distric 3- Southwest Shop
Inspection Date 6/29/2022
FRCP Inspector Name Tyler Wynn
Facility Address 12805 S 9th St., Bellevue, NE
Facility Supervisor Bobby Riggs
Main Site Contact
Other Contacts

A. VEHICLE OPERATIONS N/A (SKIP TO PART B)

A1. Types of Vehicles:

Fleet Vehicles School Buses Other: _____

A2. Approximate number of vehicles: _____

A3. Vehicle activities (circle all that apply):

Maintained Repaired Recycled
Fueled Washed Stored

A4. Are vehicles stored and/or repaired outside?

Y N Can't Tell

Are these vehicles lacking runoff diversion methods (berms, curbs, etc.)

Y N Can't Tell

A5. Is there evidence of spills/leakage from vehicles?

Y N Can't Tell

A6. Are uncovered outdoor fueling areas present?

Y N Can't Tell

A7. Are fueling areas directly connected to storm drains?

Y N Can't Tell

A8. Are vehicles washed outdoors?

Y N Can't Tell

Does the area where vehicles are washed discharge to the storm inlet?

Y N Can't Tell

B. OUTDOOR MATERIALS N/A (SKIP TO PART C)

B1. Are loading/unloading operations present?

Y N Can't Tell

If yes, are they uncovered?

Y N Can't Tell

If uncovered, are they near and draining into a storm drain inlet?

Y N Can't Tell

B2. Are materials stored outside?

Y N Can't Tell

If yes are they:

Liquid Solid Description: sand/salt mix, gravel, soil, rocks, liquid deicer

Where are they stored?

Grass/Dirt Area Concrete/Asphalt

Secondary containment (concrete curb/wall, plastic or fiberglass containers, etc.)

B3. Is the storage area directly or indirectly connected to storm drain (circle one)?

Y N Can't Tell

B4. Is staining or discoloration around the area visible?

Y N Can't Tell

B5. Does outdoor storage area lack a cover?

Y N Can't Tell

B6. Are liquid materials stored WITHOUT secondary containment?

Y N Can't Tell

B7. Are storage containers missing labels or in poor condition (rusting)?

Y N Can't Tell

C. WASTE MANAGEMENT N/A (SKIP TO PART D)

C1. Type of waste stored at the facility (check all that apply):

Garbage Construction Materials Hazardous Materials
 Other _____ None

C2. Dumpster condition (check all that apply):

No cover/Lid is open Damaged/Poor condition Leaking/Evidence of leakage (stains on ground)
 Overflowing Properly managed

C3. Is the dumpster located near a storm drain inlet?

Y N Can't Tell

If yes, are runoff diversion methods (berms, curbs, etc.) lacking?

Y N Can't Tell

D. BUILDING EXTERIOR N/A (SKIP TO PART E)

D1. Building:

Condition of surfaces:

Clean Stained
 Dirty Damaged

Evidence that maintenance results in discharge to storm drains (staining/discoloration)?

Y N Can't Tell

D2. Parking Lot:

Condition:

Clean Stained
 Dirty Breaking up

Surface material:

Concrete Gravel
 Asphalt Don't know

D3. Do downspouts discharge to impervious surface?

Y N Can't Tell None Visible

D4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)?

Y N Can't Tell

E. TURF/LANDSCAPING AREAS N/A (SKIP TO PART F)

E1. Approximate % of site with:

Forest canopy % _____ Turf Grass % *100*

Landscaping % _____ Bare Soil % _____

E2. Are fertilizers or pesticides applied within 5' of pavement, 25' of a storm drain, or 50' feet of a stream or waterbody?

Y N Can't Tell

E3. Do landscaped areas drain to the storm drain system?

Y N Can't Tell

E4. Are landscaped plants trimmings or grass clippings accumulated on adjacent impervious surface?

Y N Can't Tell

F. STORM WATER INFRASTRUCTURE N/A (SKIP TO PART G)

F1. Is trash present in gutters leading to storm drains? If so, complete the index below

Index Rating for Accumulation in Gutters					
	Clean			Filthy	
Sediment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Organic Material	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Litter	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

F2. Catch basin Inspection:

Dirty Clean

G. INTIAL HOTSPOT STATUS- INDEX RESULTS

- Not a hotspot (fewer than 5 circles)
- Potential hotspot (5 to 10 circles)
- Confirmed hotspot (10 to 15 circles)
- Severe hotspot (>15 circles)

TOTAL SCORE SCALE	RESULT	ACTION
>10	Hot Spot	FRCP Required
5 TO 10	Potential Hot Spot	Targeted Education & Policy (Consider FRCP)
<5	Not a Hot Spot	Targeted Education

NOTES:

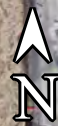
Liquid deicer missing labels
tractors, tar sealer, tandem axle trucks stored outside
Open lid on trash dumpster
Dumpster drains to culver pipe

RESULTS & ACTION FOR THIS FACILITY:

Total Score - 21
FRCP is required
Continued education and maintenance is recommended.

Street Maintenance District 3 - Southwest Shop

Site Photos Location & Aerial Map



Picture 1: Drainage Pipe in SW Corner of Yard – 6/29/2022



Picture 2: Drainage Area to Drain Pipe in SW Corner – 6/29/2022



Picture 3: Outdoor Storage Area – 6/29/2022



Picture 4: Concrete Debris Storage – 6/29/2022



Picture 5: Gravel Storage North – 6/29/2022



Picture 6: Outdoor Salt Storage West – 6/29/2022



Picture 7: Indoor Storage – 6/29/2022



Picture 8: Liquid Deicer Tanks – 6/29/2022



Picture 9: Gravel in Parking Lot – 6/29/2022



Picture 10: Gravel in Parking Lot – 6/29/2022



Picture 11: Washout Area – 6/29/2022



Picture 12: Liquid Deicer Tanks – 6/29/2022



Picture 13: Washout Inlet – 6/29/2022



Picture 14: Washout Inlet Overflow Pipe Spillway – 6/29/2022



Picture 15: Washout Inlet Overflow Pipe Spillway – 6/29/2022



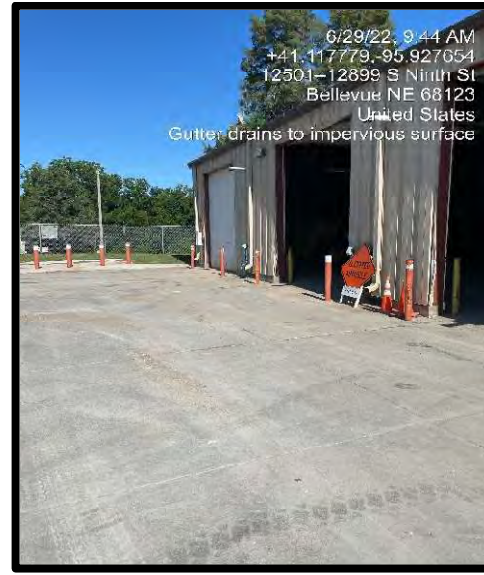
Picture 16: Outdoor Vehicle Storage – 6/29/2022



Picture 17: Gutter Drains to Impervious Surface – 6/29/2022



Picture 18: Gutter Drains to Impervious Surface – 6/29/2022



Picture 19: Gutter Drains to Impervious Surface – 6/29/2022



FRCP Site Visit Photo Checklist

Municipal Maintenance Facility: Maintenance District 3 - Southwest Shop

Facility Address: 12805 S 9th Street

Photo Description	✓	Date
1. Front of Facility/Main Office		
2. Stormwater Drainages: Outfalls, drainage swales, ditches	✓	6/29/22
3. Paved Areas (including millings areas)	✓	6/29/22
4. Exposed Soil & Gravel	✓	6/29/22
5. Floor Drains, Trench Drains, Oil-water Separators	✓	6/29/22
6. Vehicle & Equipment Washing		
7. Parked Vehicle & Equipment Storage: Plows, Forklifts, Loaders, Vehicles	✓	6/29/22
8. Vehicle & Equipment Fueling		
9. Vehicle & Equipment Maintenance & Repair		
10. Stockpiled Materials: winter mix, sylvex, salt, mulch, millings	✓	6/29/22
11. Weed & Pest Management Chemicals		
12. Paints, Adhesives, Solvents		
13. Petroleum Oils & Fluids	✓	6/29/22
14. Aboveground Storage Tanks: Winter chemicals, fuel, oil, etc.	✓	6/29/22
15. Underground Storage Tanks		
16. Waste Materials: Trash bins, Waste drums		
17. Construction Salvage: Rubble, Fencing, Soil, Aggregate	✓	6/29/22
18. Recyclables: Scrap Metal, Used Batteries, Tires, Used Oil		
19. Mechanics Shop	✓	6/29/22

N/A = not applicable (no photo needed)

✓ = photo taken and included with program FRCP records (include date taken above)

ATTACHMENT C

INSPECTION CHECKLISTS
SCHEDULE FOR FACILITY BMP
IMPLEMENTATION

Maintenance Facility Runoff Control Plan Inspection Checklist

SECTION I: Site Information	
Facility Name	
Inspection Date	
FRCP Inspector Name	
Facility Address	
Facility Supervisor	
Main Site Contact	
Other Contacts	

SECTION II: Inspection Records Review (*attach copies of all reviewed inspection records)	
1. Is facility inspection and records complete and thorough?	Y or N
2. General findings from Inspection Records Review:	
<ul style="list-style-type: none"> • 	

SECTION III: General Facility Overview	
1. Have any major changes occurred to the facility since the last review?	
2. Have any structural BMPs been added to the facility?	
3. Have there been significant discharges of pollutants to the environment? If so, were any procedural changes made?	
4. What training has been conducted to teach Good Housekeeping/Pollution Prevention?	
5. Any revisions to the FRCP needed? (explain)	
Walk Facility & Note Any Significant Observations:	
<ul style="list-style-type: none"> • 	

SECTION IV: Findings

Overall, is the intent of the FRCP understood?	No	/	Somewhat	/	Yes
Are regular inspections being conducted?	No	/	Sometimes	/	Yes
Are inspection questions consistent with facility conditions?	No		/	Yes	
Are inspection boundaries correct?	No		/	Yes	
Are conditions at the facility consistent with inspection records?	No	/	Somewhat	/	Yes

List changes that need to be made to the FRCP document or inspection form:

-

List recommendations or corrective actions based on inspection:

-

Section V: Overall Facility Grade (circle one)

Needs Improvement	Satisfactory	Outstanding
-------------------	--------------	-------------

FRCP Inspector: _____
(Printed Name)

(Signature)

Facility Supervisor: _____
(Printed Name)

(Signature)

Maintenance Facility Runoff Control Plan Inspection Checklist

SECTION I: Site Information	
Facility Name	
Inspection Date	
FRCP Inspector Name	
Facility Address	
Facility Supervisor	
Main Site Contact	
Other Contacts	

SECTION II: Inspection Records Review (*attach copies of all reviewed inspection records)	
1. Is facility inspection and records complete and thorough?	Y or N
2. General findings from Inspection Records Review:	
<ul style="list-style-type: none"> • 	

SECTION III: General Facility Overview	
1. Have any major changes occurred to the facility since the last review?	
2. Have any structural BMPs been added to the facility?	
3. Have there been significant discharges of pollutants to the environment? If so, were any procedural changes made?	
4. What training has been conducted to teach Good Housekeeping/Pollution Prevention?	
5. Any revisions to the FRCP needed? (explain)	
Walk Facility & Note Any Significant Observations:	
<ul style="list-style-type: none"> • 	

SECTION IV: Findings				
Overall, is the intent of the FRCP understood?	No	/	Somewhat	/ Yes
Are regular inspections being conducted?	No	/	Sometimes	/ Yes
Are inspection questions consistent with facility conditions?		No	/	Yes
Are inspection boundaries correct?		No	/	Yes
Are conditions at the facility consistent with inspection records?	No	/	Somewhat	/ Yes
List changes that need to be made to the FRCP document or inspection form:				
•				

List recommendations or corrective actions based on inspection:
•

Section V: Overall Facility Grade (circle one)
Needs Improvement Satisfactory Outstanding

FRCP Inspector: _____
 (Printed Name)

 (Signature)

Facility Supervisor: _____
 (Printed Name)

 (Signature)

Maintenance Facility Runoff Control Plan Inspection Checklist

SECTION I: Site Information	
Facility Name	
Inspection Date	
FRCP Inspector Name	
Facility Address	
Facility Supervisor	
Main Site Contact	
Other Contacts	

SECTION II: Inspection Records Review (*attach copies of all reviewed inspection records)	
1. Is facility inspection and records complete and thorough?	Y or N
2. General findings from Inspection Records Review:	
<ul style="list-style-type: none"> • 	

SECTION III: General Facility Overview	
1. Have any major changes occurred to the facility since the last review?	
2. Have any structural BMPs been added to the facility?	
3. Have there been significant discharges of pollutants to the environment? If so, were any procedural changes made?	
4. What training has been conducted to teach Good Housekeeping/Pollution Prevention?	
5. Any revisions to the FRCP needed? (explain)	
Walk Facility & Note Any Significant Observations:	
<ul style="list-style-type: none"> • 	

SECTION IV: Findings				
Overall, is the intent of the FRCP understood?	No	/	Somewhat	/ Yes
Are regular inspections being conducted?	No	/	Sometimes	/ Yes
Are inspection questions consistent with facility conditions?		No	/	Yes
Are inspection boundaries correct?		No	/	Yes
Are conditions at the facility consistent with inspection records?	No	/	Somewhat	/ Yes
List changes that need to be made to the FRCP document or inspection form:				
•				

List recommendations or corrective actions based on inspection:
•

Section V: Overall Facility Grade (circle one)
Needs Improvement Satisfactory Outstanding

FRCP Inspector: _____
 (Printed Name)

 (Signature)

Facility Supervisor: _____
 (Printed Name)

 (Signature)

Maintenance Facility Runoff Control Plan Inspection Checklist

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Facility Supervisor	
Main Site Contact	
Other Contacts	

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ATTACHMENT D

SUGGESTED BMP PRACTICES

Building and Grounds Management

The following are examples of potential pollution sources and/or potential pollutant conveyances:

- Stormwater Drainages- drain inlets, ditches, and outfalls
- Infiltration, Retention, and Detention BMP's Surfaced Areas Exposed Soil
- Gravel and Millings Floor Drains
- Trench Drains
- Oil-Water Separators

Suggested Best Management Practices (BMP's)

a) Keep culverts, ditches, gutters, drain inlets, catch basins, and outfalls as well as infiltration, retention and detention areas free of target pollutants and in good condition.

b) Sweep surfaced areas to remove sediment and other materials that could be tracked or dispersed across the facility. Do not wash or spray materials into the storm drain system.

c) Inspect and identify areas of erosion, or offsite discharge of sediment or aggregate, that need preventative maintenance.

d) Keep floor drains, trench drains, and oil-water separators clear of build-up or debris to ensure proper drainage.

e) Keep emergency clean-up materials such as drain covers, absorbent booms, rags, or sandbags conveniently located near drain inlets, catch basins, and outfalls to stop pollutants from entering in the event of a spill.

f) Keep surfaced areas in good condition. Protect slopes, flat areas, exposed soil area, or transportation corridors with pavement if vegetation or aggregate are not an option or are inadequate solutions.

Vehicle and Equipment Management

The following are examples of potential pollution sources:

- Vehicle and equipment
- Equipment washing
- Parked vehicle and equipment storage
- Equipment fueling
- Equipment maintenance and repair

Suggested Best Management Practices (BMP's)

- a) Wash all equipment in designated areas (under cover with a pipe to a collection pit and then City sanitary sewer system)
- b) Minimize water usage during cleaning operations and use dry clean-up methods to remove sediments, clippings and other debris.
- c) Use biodegradable detergents if cleaning agents are necessary.
- d) Keep parts, equipment, and vehicles stored indoors or within designated outdoor areas away from storm drains, inlets, or catch basins.
- e) Inspect all connectors and liquid reservoirs on stored equipment and vehicles for leaks. Move leaking equipment and vehicles indoors or capture materials and dispose of properly.
- f) Immediately contain and clean up any spills or releases when they occur, and properly dispose of the cleaning materials.
- g) Cleanup evidence of fuel or oil residues on surfaces by grinning absorbent into the surface and sweeping up the material.
- h) Keep spill response kits and/or clean-up materials in close proximity to areas where spills or leaks are most likely to occur. Dispose of properly after use.
- i) Park vehicles and/or equipment close to the pump when refueling.
- j) Conduct all maintenance on vehicles and equipment indoors whenever possible.

Storage Tank Management

The following are examples of potential pollution sources:

- Substances contained in storage tanks may include soil stabilizers, dust suppressants, herbicides, fertilizers, de-icing chemicals, fuels, lubricants and other petroleum products

Suggested Best Management Practices (BMP's)

- a) Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
- b) Keep valves or plugs on secondary containment closed at all times except when draining uncontaminated water.
- c) Make sure automatic shutoff valves are functioning properly.
- d) A Spill Prevention Control and Countermeasure (SPCC) plan in place to reduce the risk.

Waste Materials Management

The following are examples of potential pollution sources:

- Waste Materials- trash, debris, empty product containers, rinse water, used oil filters.
- Fluids and Materials- gravel, sand, and soil.
- Recyclables- scrap metals, used batteries, tires, spent solvent, used oil

Suggested Best Management Practices (BMP's)

- a) Cover and clearly label all waste receptacles according to waste type.
- b) Collect all litter that accumulates around the facility grounds and dispose in properly labeled containers.
- c) Ensure that trash bins are used and not overflowing by scheduling regular pickup and disposal of waste materials.
- d) Store containers, material, and salvage away from direct traffic routes, drain inlets, catch basins, outfalls, areas prone to flooding or ponding, and floor trench drains to prevent accidental damage or spills.
- e) Educate and train every employee that is their daily responsibility to be aware of materials, residues, and trash that could be washed away in Stormwater.
- f) Develop a plan to reuse or dispose of irregular waste material as soon as the material is brought on site.
- g) Store batteries in an upright position in leak proof covered containers.
- h) Schedule regular pick up for waste tires, scrap metal used oil, used antifreeze and other waste intended for recycling.
- i) If any waste material may be hazardous, complete a waste determination prior to disposal according to Departmental Procedures and keep records at the facility. Any material that poses a significant threat to human health and the environment, contact Hazardous Material Response. If unsure of disposal requirements, contact the Public Works Director for direction.
- j) Store hazardous waste containers (preferred in a building or covered area) on pallets or in a containment device to prevent corrosion of the containers by contact with moisture or other chemicals.
- k) Immediately contain and clean up any spills that may occur, and properly dispose of the cleaning materials.

Product Material Management

The following are examples of potential pollution sources:

- Stockpiled materials - gravel, sand and soil, paints, fertilizers, and other chemicals and pesticides

Suggested Best Management Practices (BMP's)

- a) Locate raw material stockpiles away from drain inlets, catch basins and outfalls.
- b) Sweep up loose product that is outside of designated area to prevent tracking.
- c) Reduce the exposure of stockpiles and limit the amount of stockpiled materials during the rainy season.
- d) To the extent possible, store materials indoors or cover piles with storm resistant coverings to prevent exposure to precipitation.
- e) Minimize the amount of pesticides and fertilizers that are stored on-site at all times.
- f) Store and dispose of pesticides and fertilizers per manufacturer's recommendations.
- g) Store materials in a dedicated area away from direct traffic routes to prevent accidental damage or spills and store materials indoors or under a covered area when possible.
- h) When receiving new product materials, check drums, tanks, and contents.
- i) Ensure all containers are clearly and accurately labeled according to contents.
- j) Close containers between filling and emptying events.
- k) Keep an adequate supply of dry absorbent material and dispose of properly once used

Nebraska Department of Transportation Municipal Pollution Prevention

MAINTENANCE FACILITY Good Housekeeping and Pollution Prevention

Building & Grounds



- Keep culverts, gutters, and catch basins free of pollutants.
- Sweep paved areas to remove dirt, grit, grass clippings and other pollutants.
- Identify and repair off site erosion quickly to prevent impact to vegetation and drainage channels.

Vehicles & Equipment



- Conduct maintenance or repairs away from drain inlets or catch basins.
- Clean up fuel & oil residues with absorbents, then sweep up material.
- Park vehicles & equipment close to pumps and don't top off tank when fueling.

Product Materials



- Locate raw material stockpiles away from drain inlets and catch basins.
- Store materials in a dedicated area away from direct traffic routes to prevent damage or spills.
- Ensure all containers are properly labeled.

Bulk Storage Containers



- Inspect tanks, pumps, pipes and valves for leaks and signs of corrosion.
- Keep valves or plugs on secondary containment closed at all times except when draining uncontaminated water.
- Make sure automatic shutoff valves are functioning properly.

Waste Materials



- Cover and clearly label all waste receptacles according to waste type.
- Develop a plan to reuse or dispose of construction salvage as soon as material is brought on-site.
- Store batteries in upright position in leak-proof and covered containers.

For more information contact the NDOT at:
Phone: 402-479-4656
Email: dot.operationsenvironmental@nebraska.gov
Address: 1500 Highway 2
 PO Box 94759
 Lincoln, NE 68509-4759
Website: dot.nebraska.gov/projects/environment

What is Stormwater Runoff?

Stormwater runoff is precipitation (rain or melted snow) that flows over land. Stormwater can pick up pollutants as it runs off the land into lakes, streams and rivers. This is called polluted runoff.

Storm drains collect runoff and convey it without treatment directly into water bodies. Polluted runoff can impact drinking water, wildlife, human health, and property values.



What are Common Stormwater Pollutants?



- **Soil, sand, sediments** cloud the water, smother and destroy critical wildlife habitat.
- **Chemicals** (fertilizer, paints and solvents, vehicle fluids, tar sealants, etc.) are carried with runoff and can be toxic to wildlife.
- **Salt**, which is spread on roads, sidewalks and parking lots to melt snow and ice, dissolves in water or snowmelt. Once it gets into our water it cannot be removed. Salt in water bodies can be toxic to aquatic life.
- **Solid waste & debris**, like cigarette butts, leaves, trash and other forms of litter is unsightly and can harm wildlife.

Why is Stormwater Quality Important to NDOT?

Environmental Stewardship combines environmental considerations into the planning, design, construction and operational activities associated with the Nebraska transportation system. NDOT is committed to its role as an environmental steward and to preserving and protecting the environmental features and resources of the state.

Environmental permits are issued to NDOT for controlling many construction and operations activities which may impact water quality. NDOT works to communicate these requirements clearly, equipping Department staff to support compliance activities. In urban areas that have at least 10,000 people, additional stormwater control requirements are necessary to comply with EPA and NDEQ regulations. These permits are referred to as the National Pollutant Discharge Elimination System (NPDES) MS4 Permit.

Good Housekeeping and Pollution Prevention at NDOT Facilities

Maintenance facilities operated by NDOT serve as a base for highway maintenance operations, providing many important services such as snow and ice control, highway and bridge maintenance, landscaping and mowing, fleet maintenance and repair, fueling operations, signal and lighting repair, sign maintenance, animal removal, and pickup of roadway litter and debris. NDOT is required to develop and implement an operation & maintenance program that includes a training component focused on preventing or reducing polluted runoff from NDOT operations.



Good Housekeeping and Pollution Prevention Goals



- **Reduce the risk** of discharging targeted pollutants into a storm drain system that may contaminate waters of the state from maintenance facilities
- **Inform and educate** maintenance facility staff about the personal actions recommended for managing targeted pollutants within individual facilities across the state.
- **Track** ongoing good housekeeping and pollution prevention efforts conducted at facilities in order to quantify effectiveness of stormwater protection.

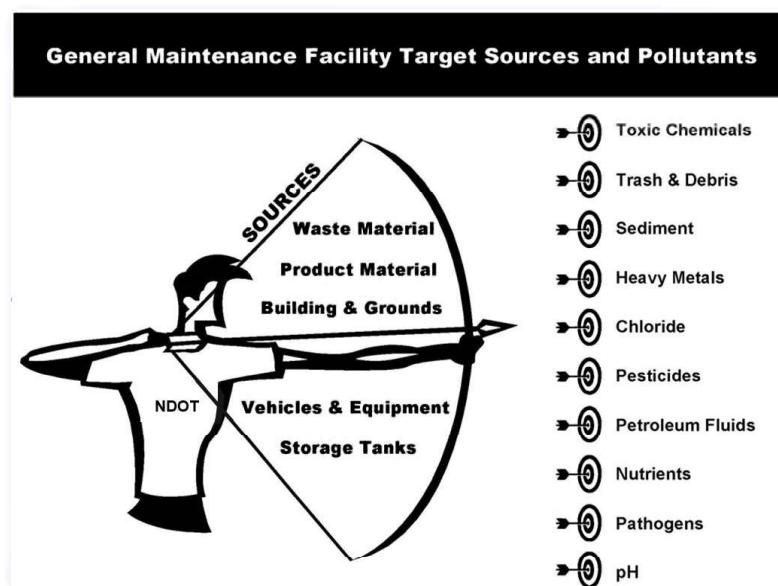
- **Demonstrate compliance** with a program, including training, to reduce polluted runoff from maintenance facilities. This is required for all NDOT Operations conducted inside the urban boundary of a Nebraska community having more than 10,000 residents.
- **Maintain consistency** with existing environmental stewardship efforts and regulatory compliance obligations fulfilled at each facility.

Target Pollutants and Source Categories

Every NDOT facility has unique conditions, but it is important to identify common target pollutants at a site. Understanding how to prevent and limit pollutant sources daily in facility activities such as vehicle & equipment management or product material storage leads to environmental stewardship.

SOURCE CATEGORIES

Waste Material
Product Material
Building & Grounds
Vehicles & Equipment
Bulk Storage Tanks



What is a Facility Runoff Control Plan?

If your facility lies within a MS4 Boundary, a Facility Runoff Control Plan (FRCP) will provide NDOT Maintenance Facility staff with a user-friendly, site-specific approach to protecting the quality of stormwater leaving a facility, using good housekeeping and pollution prevention Best Management Practices (BMPs). The FRCP is a living document, providing stormwater quality education, facility inspection and corrective action guidance for NDOT Maintenance Facility staff. However, the FRCP does not replace other facility environmental regulatory requirements (SPCC, RCRA, etc.).

What is a Corrective Action?



Each facility with a FRCP is responsible for completing a self-inspection once a month. Qualified facility inspectors document potential and immediate pollutant issues requiring a corrective action, or the next action needed to repair, remove or remediate the pollutant and pollutant source before it can enter the storm drain system. Corrective actions should be completed before the next rain event or next facility inspection, whichever is first.

Pollution Prevention is Everyone's Responsibility

Each person at a facility is responsible for protecting stormwater quality by making good housekeeping and pollution prevention Best Management Practices part of their daily routine. Always consider "L"evating your daily facility management by being mindful of **The Five "L"s** of Pollution Prevention.



Roadside Development and Compliance Unit (RDC)

NDOT's MS4 Program is implemented by the Environmental Division - Roadside Development and Compliance Unit.

RDC is responsible for making sure the following five required elements of the MS4 Program are being implemented for NDOT Construction and Operations.

1. Public Education, Outreach and Involvement
2. Illicit Discharge Detection and Elimination
3. Construction Stormwater
4. Post-Construction Stormwater
5. Good Housekeeping and Pollution Prevention



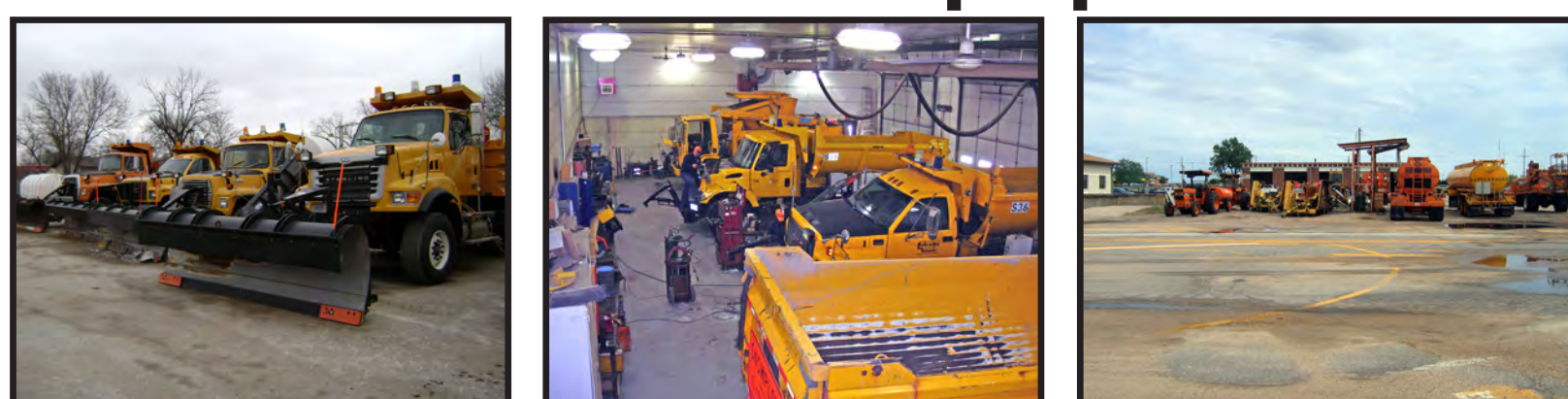
Nebraska Department of Transportation Municipal Pollution Prevention

Building & Grounds



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Vehicles & Equipment



- Conduct maintenance or repairs away from drain inlets or catch basins.
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For more information contact the NDOT at:

NEBRASKA

Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION

Phone: 402-479-4656
Email: dot.operationsenvironmental@nebraska.gov
Address: 1500 Highway 2
PO Box 94759
Lincoln, NE 68509-4759
Website: dot.nebraska.gov/projects/environment

ATTACHMENT E

EDUCATION & TRAINING



TRAINING:

DATE OF TRAINING:

LOCATION/FORM OF TRAINING:

DESCRIPTION:

NAME	E-MAIL	DEPARTMENT	SIGNATURE
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Recommended Regular Trainings:

- Facility Good Housekeeping and Pollution Prevention (GHPP)
 - A training course to cover GHPP BMPs at the City's maintenance facilities.
 - Staff will be required to take a refresher course every 3 years and new hires will be required to take the course within the first 30 days of employment.
 - Recommended for Public Works Department, Fleet Maintenance Department, and Streets Department staff.
 - In-house Training.
- Implementation of Facility Runoff Control Plans (FRCP)
 - A training course related to the implementation and overview of the FRCP.
 - Staff will be required to take a refresher course every 3 years and new hires will be required to take the course within the first 6 months of employment.
 - Recommended for Public Works Department and FRCP Municipal Facilities staff.
 - In-house Training.
- Illicit Discharge Detection and Elimination (IDDE)
 - A training course related to illicit discharges.
 - Staff will be required take a refresher course every 3 years and new hires will be required to take the course within the first 30 days of employment.
 - Recommended for Public Works Department staff.
 - In-house Training.
- Erosion and Sediment Control training classes through City of Omaha's Annual Seminar or NDOT's Inspector Certification ([NE LTAP | Nebraska LTAP | Nebraska \(unl.edu\)](#)).
 - Classroom and Online Options

Additional trainings and informational webinars:

EPA WEBINARS

Post-Construction BMP Performance

EPA Webinar

Dated 2/6/2008

Video Length 2 hours 5 minutes

Video Description: *Explores the details of best management practice (BMP) performance, including pollutant concentrations, volume reduction and total load reduction. It also debunks the BMP performance myth of using "percent removal" and highlights the Urban BMP Performance Tool, which includes hundreds of studies on BMP performance.*

Hyperlink to Website: [BMP Performance - YouTube](#)

Road Salt Pollution

EPA Stormwater Pollution Webinar

Dated 2006

Video Length 2 hours 11 minutes

Video Description: *Provides information on the impacts of road salt on the environment, implementation of TMLDs involving road salt, successful reduction strategies used by states, and possible groundwater impacts.*

Hyperlink to Website: [EPA's Stormwater Pollution Prevention Webinar Series: Road Salt Pollution Prevention Strategies - YouTube](#)

Building a Local Program & Municipal Operations

EPA Webinar – “Killing Two Birds with One Stone”

Dated 12/6/2006

Video Length 2 hours 2 minutes

Video Description: *Includes an overview of maintenance activities, explains why maintenance is essential for water quality, and identifies top maintenance headaches faced by MS4s. It also discusses how to build an effective local maintenance program, conduct a municipal operations analysis, train municipal employees, reduce future maintenance burden by improving designs, track maintenance needs and activities, and ensure maintenance happens.*

Hyperlink to Website: [Building a Local Program to Maintain Your Stormwater Practices - YouTube](#)

Conducting IDDE Investigations

EPA Stormwater Webinar

Dated 7/11/2007

Video Length 1 hour 58 minutes

Video Description: *Discusses the field and lab methods necessary to conduct IDDE investigations. The covered topics include: IDDE terminology, basic components of an effective IDDE program, desk top assessments of illicit discharge potential to prioritize field activities, outfall reconnaissance inventory, post-screening prioritization, and detailed field and lab analyses to confirm and identify illicit discharges.*

Hyperlink to Website: [Conducting Illicit Discharge Detection and Elimination Investigations \(IDDE 201\) - YouTube](#)

Finding & Fixing Illicit Discharges & Connections

EPA Stormwater Webinar

Dated 9/30/2009

Video Length 2 hour 0 minutes

Video Description: *Focuses on finding and eliminating illicit discharges. The covered topics include: methods for tracing illicit discharges to their sources via various methods and eliminating illicit discharges. A specific case study is also discussed.*

Hyperlink to Website: [Illicit Discharge Detection and Elimination IDDE 301 - YouTube](#)

OSHA HAZWOPER Training Courses (Good Housekeeping)

24-hour, 40-hour, and 8-hour trainings

Online OSHA classes available

HAZWOPER training applies to workers and employers involved in five specific types of operations outlined in OSHA's HAZWOPER standard:

- Required cleanup operations involving hazardous substances and conducted at an uncontrolled hazardous waste site
- Corrective actions involving cleanup operations at sites covered by the Resource Conservation and Recovery Act (RCRA)
- Hazardous waste operations conducted at treatment, storage and disposal (TSD) facilities regulated under RCRA
- Operations at non-TSD facilities that generate hazardous waste
- Emergency response operations involving the release of or substantial threat of release of hazardous substances regardless of the location of the hazards

Spill Prevention, Control, and Countermeasure (SPCC) Trainings (Good Housekeeping)

Confined Space Entry Trainings for Sewer Maintenance (Good Housekeeping & IDDE)

MUNICIPAL EMPLOYEE TRAINING STRATEGY
GOOD HOUSEKEEPING & POLLUTION PREVENTION

Adapted from the City of Omaha Environmental Quality Control
Division Plan



Goal

The City of Bellevue recognizes the importance of having a broad base of educated and informed personnel in efforts to minimize stormwater pollution. With this, the City not only focuses on stormwater education to residents and the regulated community, but also coordinates education for applicable municipal employees, in an effort to achieve program goals through increased awareness. Training and education is to be focused on increasing comprehension and application of Good Housekeeping and Pollution Prevention (GH & PP) strategies that will protect the quality of stormwater runoff.

Target Audiences

Training is provided to the employees who, through their routine activities, have the most potential to encounter stormwater pollution. These municipal employees can include:

- City maintenance facility staff and field crews
- City staff associated with Municipal Separate Storm Sewer System (MS4) maintenance activities

Municipal employees in other divisions and departments that may encounter potential sources of stormwater pollution in some form as part of their job duties will be made aware of training opportunities as they are provided, such as the annual Sediment & Erosion Control Seminar.

The primary message of the municipal staff training program is that each employee has a personal responsibility to protect water quality by making smart decisions, and to look for potential pollution sources, minimize sources, and address sources as applicable, as part of their standard operations.

Training Resources

Trainings will be provided in a variety of forms, including but not limited to:

- EPA training webinars: Videos on a variety of GH & PP topics
- Presentations: tailored presentations to cover topics specific to audience
- Conferences and seminars: Events with tailored presentations, and often, applicable vendors for the subject matter and audience organized by the City, the Papillion Creek Watershed Partnership, or professional organizations
- Printed materials: brochures, posters, and field guides
- Web resources: Websites with electronic resources, including OmahaStormwater.org, and web-based educational programs and tools

Training Topics

From year to year, various topics will be highlighted and prioritized to broaden the knowledge base of municipal staff. Topics to be covered include, but are not limited to:

- Illicit discharge detection and elimination

- Construction site runoff
- Good housekeeping measures and practices
- Post-construction Best Management Practices (BMPs)
- Spill prevention and countermeasures
- General pollution prevention
- Stormwater management

Training Descriptions

- Training for City maintenance facility staff and field crews is provided in the Facility Runoff Control Plan (FRCP) Program document if one has been developed for their reporting location.
- Training specific to MS4 maintenance activities is available through conferences, online resources, and other platforms offered by professional organizations and agencies.
- Public Works staff receives initial training on GH & PP topics, including in-field training for inspection and maintenance activities, as well as ongoing trainings for continued education.

Training Tracking

- Attendance and subject matter will be documented for each formal training coordinated and/or attended by Public Works and/or applicable staff.
- As part of their Facility Runoff Control Plans (FRCPs), maintenance facilities are to document their trainings. Site supervisors are encouraged to review and incorporate stormwater related topics into less formal educational settings, including staff meetings, safety meetings, and employee orientation.
- MS4 maintenance activity trainings are the responsibility of the respective department.

Evaluation

Providing education opportunities and materials relevant to municipal staff is an ongoing consideration. The employee training strategy will be evaluated annually to determine appropriate topics and groups of staff that need further education or increased levels of awareness. Upon review each year, training format and content will be adjusted for applicability and greatest effectiveness. The City will continue to develop GH & PP educational materials as needs are recognized and/or staff feedback identifies a relevant topic that could reduce the risk of stormwater pollution.

ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) TRAINING STRATEGY

Adapted from City of Omaha Environmental Quality Control Division,
Public Works Department Plan



Goal

Provide training for municipal field staff whose primary job duties lend them to potentially come in contact with or otherwise observe an illicit discharge or illicit connection to the separate storm sewer system.

Target Audience

Municipal field staff originate from multiple City Departments. These can include:

- Parks, Recreation & Public Property
 - Park Maintenance
 - Code Enforcement
- Planning
 - Permits and Inspections
 - Community Development
- Public Works Department
 - Waste Water Department
 - Streets Department
 - Fleet Maintenance Department

Strategy

Each respective Department's potential to encounter illicit discharges varies, some are more likely to see them than others. The Public Works Department serves as a primary resource for stormwater-related topics, including illicit discharge detection and elimination. Training and training resources will be provided to these Departments commensurate with their potential to come in contact with an illicit discharge. Ultimately, each Department oversees the training curriculum for their staff. The primary approach for training of municipal field staff will include, but is not limited to:

1. Compliance level training to eliminate confirmed illicit discharges or connections.
2. Inspector level training on illicit discharge detection.
3. Awareness level training for facility or department wide training sessions.
4. Provide printed educational materials.
5. Offer education and guidance on a case by case basis.

Most Departments will receive awareness level training. Within the Public Works Department identified personnel will receive Inspector and Compliance level training. City of Bellevue will encourage personnel to attend various internal and external training opportunities throughout the year. The training session topics include good housekeeping practices, erosion control installation and inspection, storm water pollution prevention measures, and other MS4 related trainings.

Training Tracking

- Attendance and subject matter will be documented for each formal training coordinated and/or attended.
- As part of their Facility Runoff Control Plans (FRCPs), maintenance facilities are to document their trainings. Site supervisors are encouraged to review and incorporate stormwater related

topics, including IDDE, into less formal educational settings, including staff meetings, safety meetings, and employee orientation.

- Tracking for additional trainings are the responsibility of the respective Department.

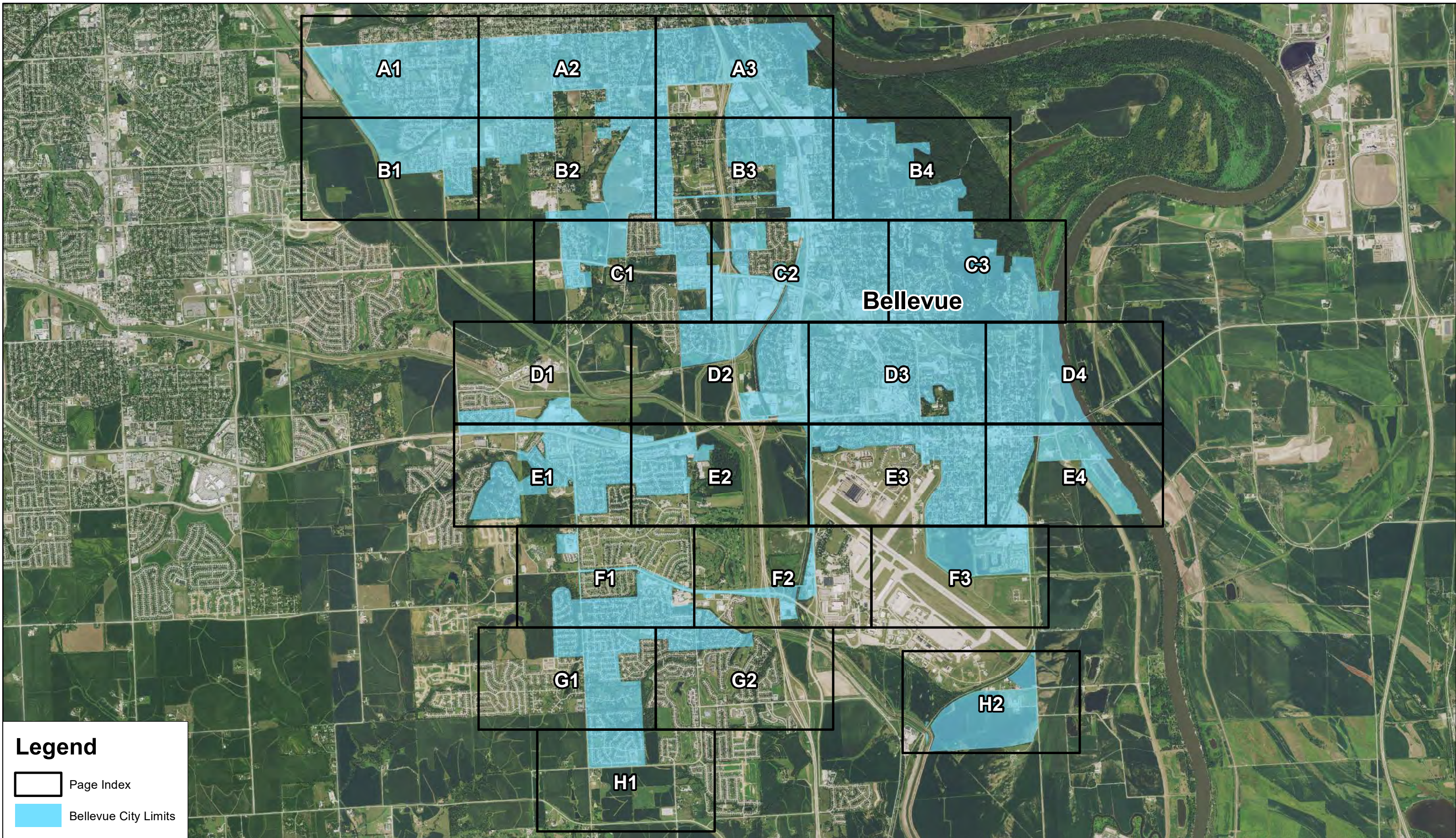
Reporting

The MS4 annual report will provide details of the training events and the number of employees in attendance, and the distribution of outreach materials.



Evaluation

Providing education opportunities and materials relevant to municipal staff is an ongoing consideration. The City of Bellevue will continue to develop educational materials as needs are recognized and staff feedback identifies a relevant topic that could reduce the risk of stormwater pollution citywide.

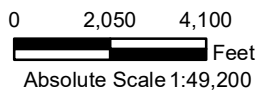
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-  Page Index
-  Bellevue City Limits

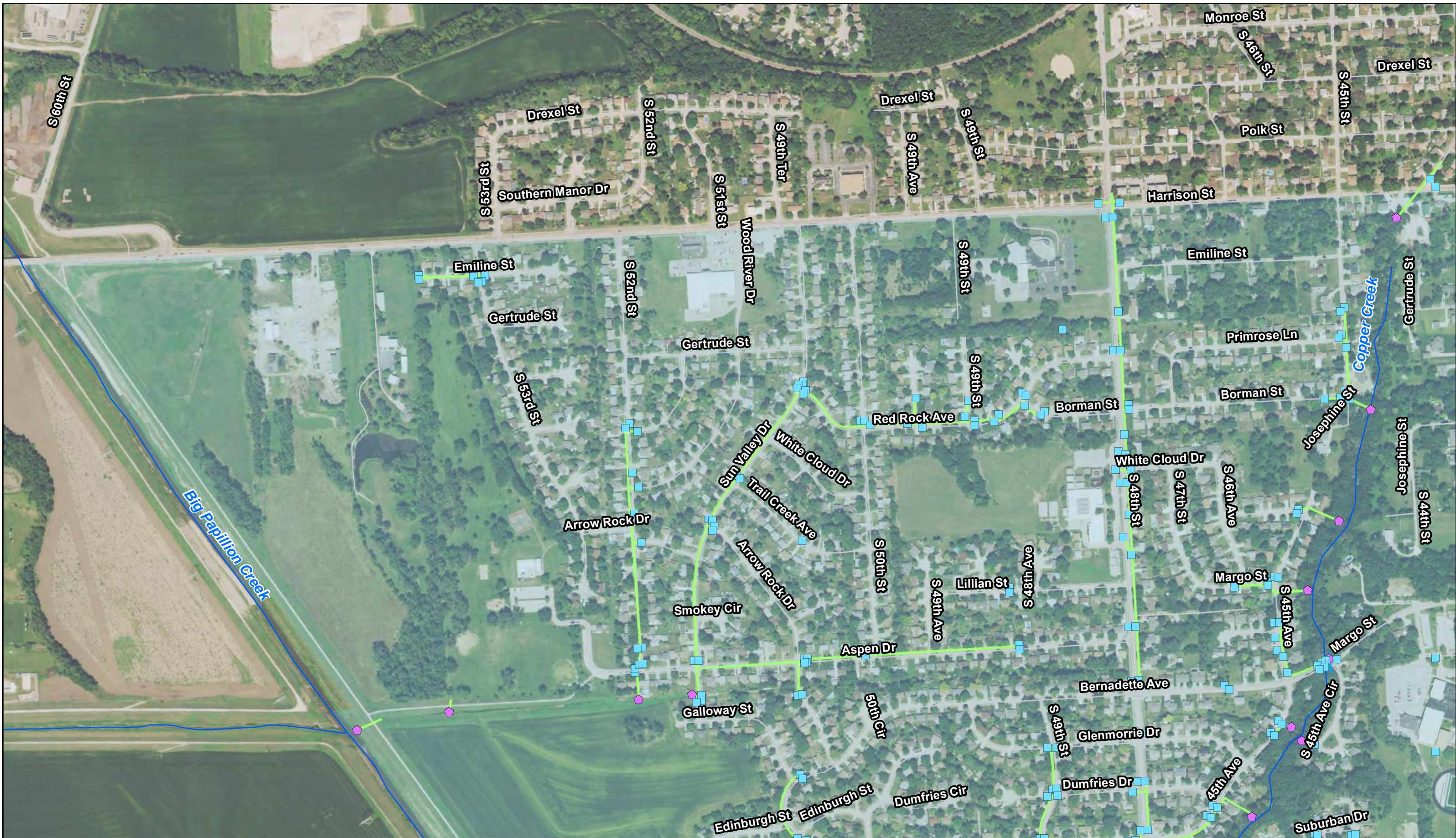
NAIP 2020 Sarpy County Aerial Imagery



MAP LAYOUT OVERVIEW

City of Bellevue
Sarpy County, Nebraska

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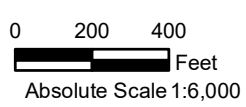
NAIP 2020 Sarpy County Aerial Imagery



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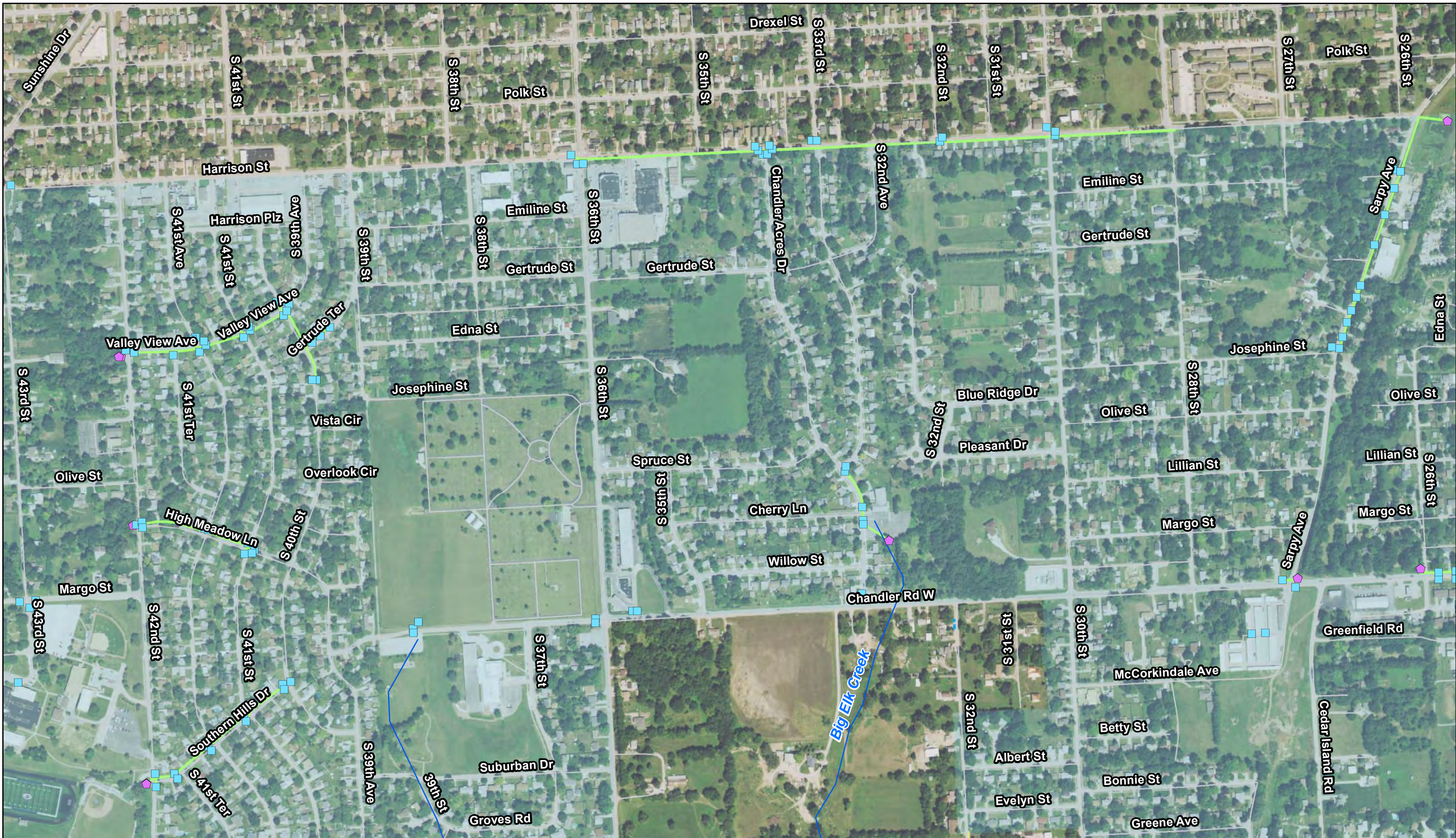
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- Inlet
- ◆ Discharge Point
- Stream/Channel
- Open Drain
- Storm Sewer Main
- Culvert
- Road
- Bellevue City Limits



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- A1

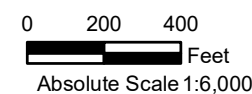


NAIP 2020 Sarpy County Aerial Imagery



Legend

- Inlet
- ◆ Discharge Point
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- Bellevue City Limits



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- A2

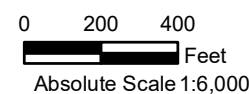


NAIP 2020 Sarpy County Aerial Imagery



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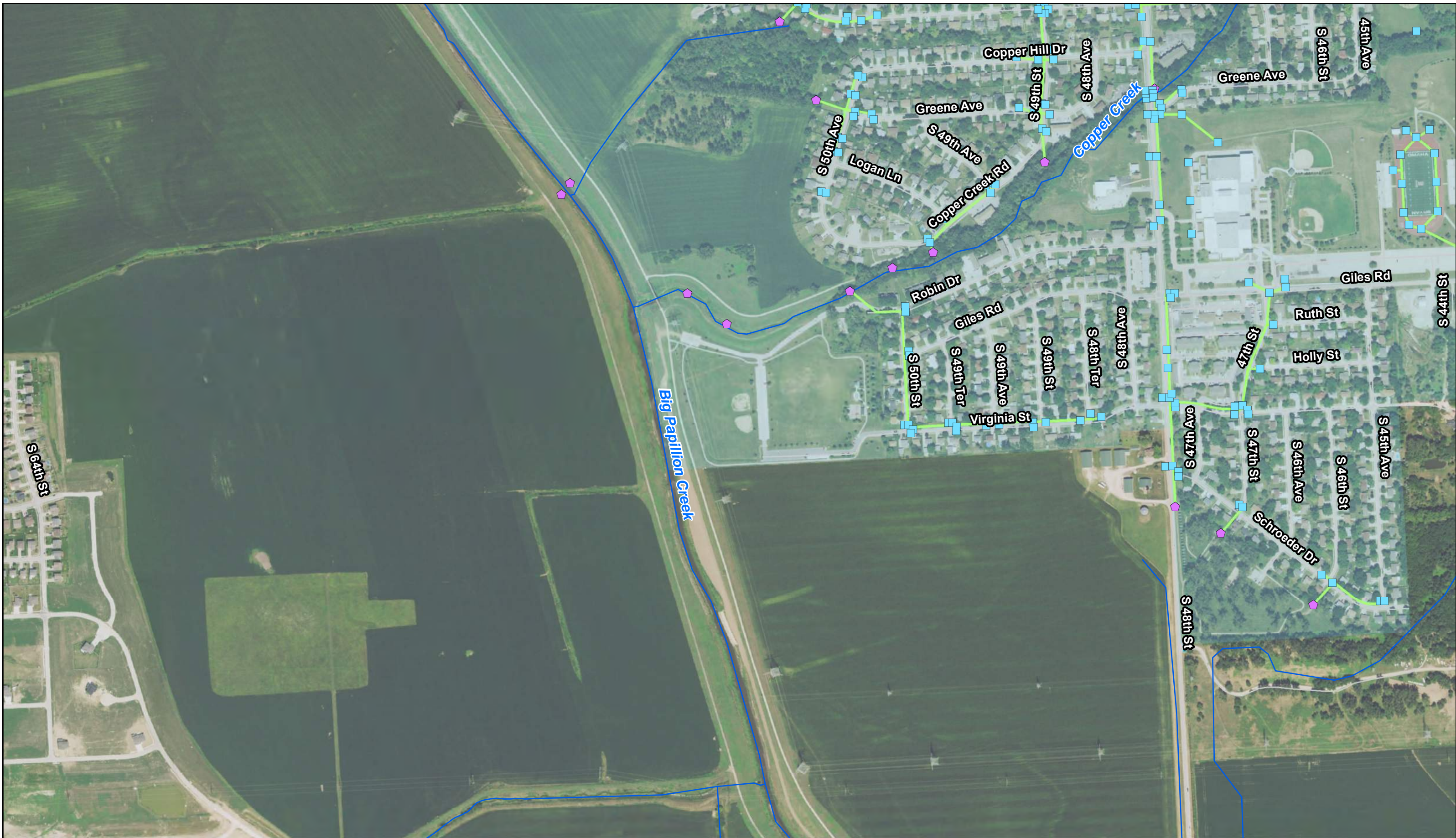
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- Bellevue City Limits



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STORM SEWER OUTFALL MAP- A3

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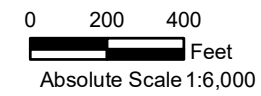
NAIP 2020 Sarpy County Aerial Imagery



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Legend

- Inlet
- ⬠ Discharge Point
- Stream/Channel
- Open Drain
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- Culvert
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- Bellevue City Limits



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- B1



NAIP 2020 Sarpy County Aerial Imagery



Legend

- Inlet
- ◆ Discharge Point
- Stream/Channel
- Open Drain
- Storm Sewer Main
- Culvert
- Road
- Bellevue City Limits



0 200 400
Feet
Absolute Scale 1:6,000

Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- B2

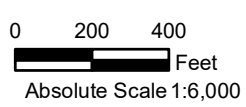


NAIP 2020 Sarpy County Aerial Imagery



Legend

- Inlet
- Open Drain
- Road
- ◆ Discharge Point
- Storm Sewer Main
- Bellevue City Limits
- Stream/Channel
- Culvert



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- B3

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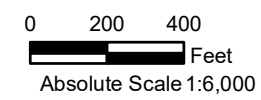


NAIP 2020 Sarpy County Aerial Imagery



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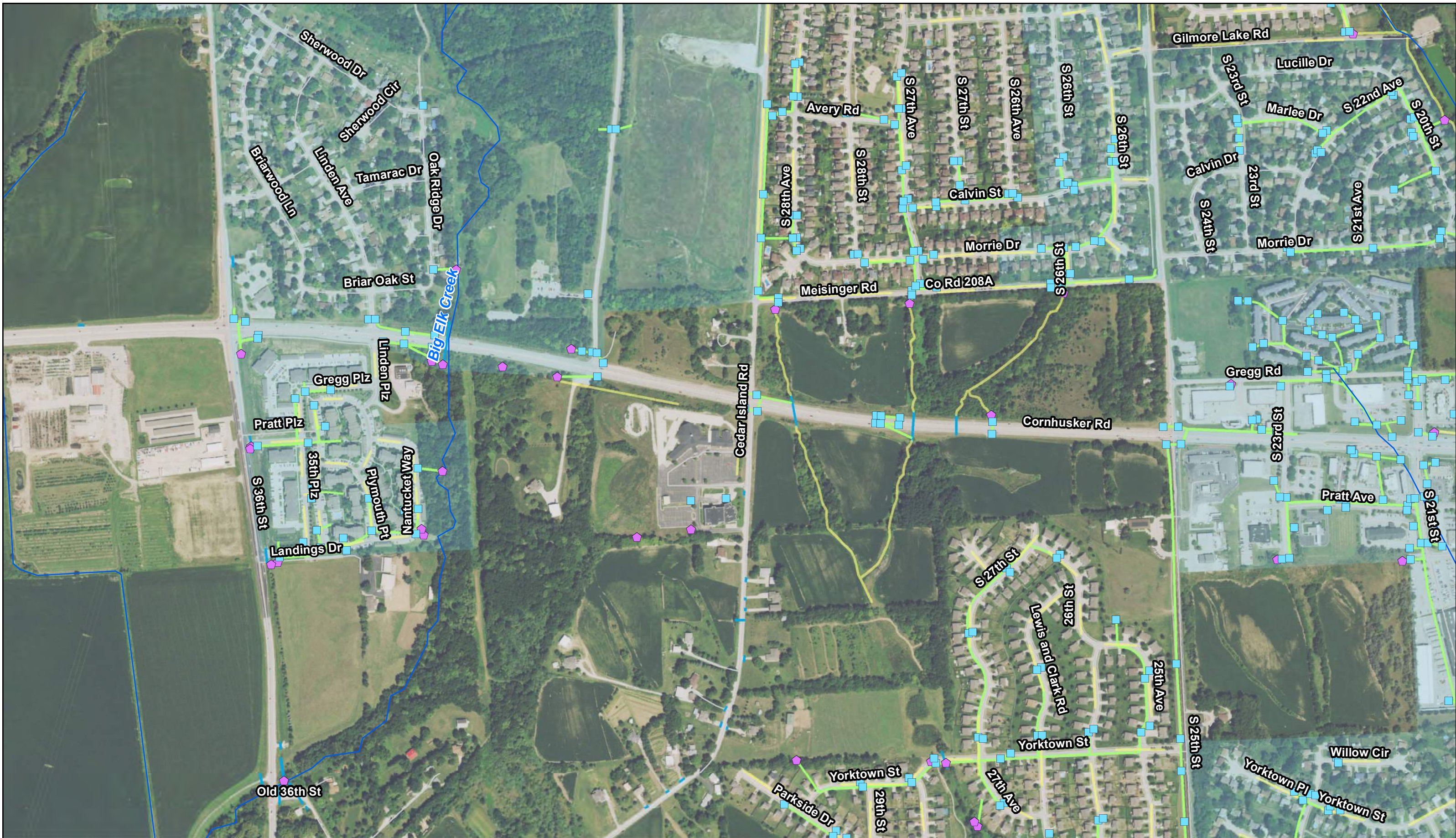
- Inlet
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- Stream/Channel
- Open Drain
- Storm Sewer Main
- Culvert
- Road
- Bellevue City Limits



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- B4

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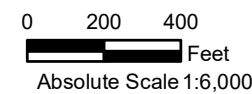


NAIP 2020 Sarpy County Aerial Imagery



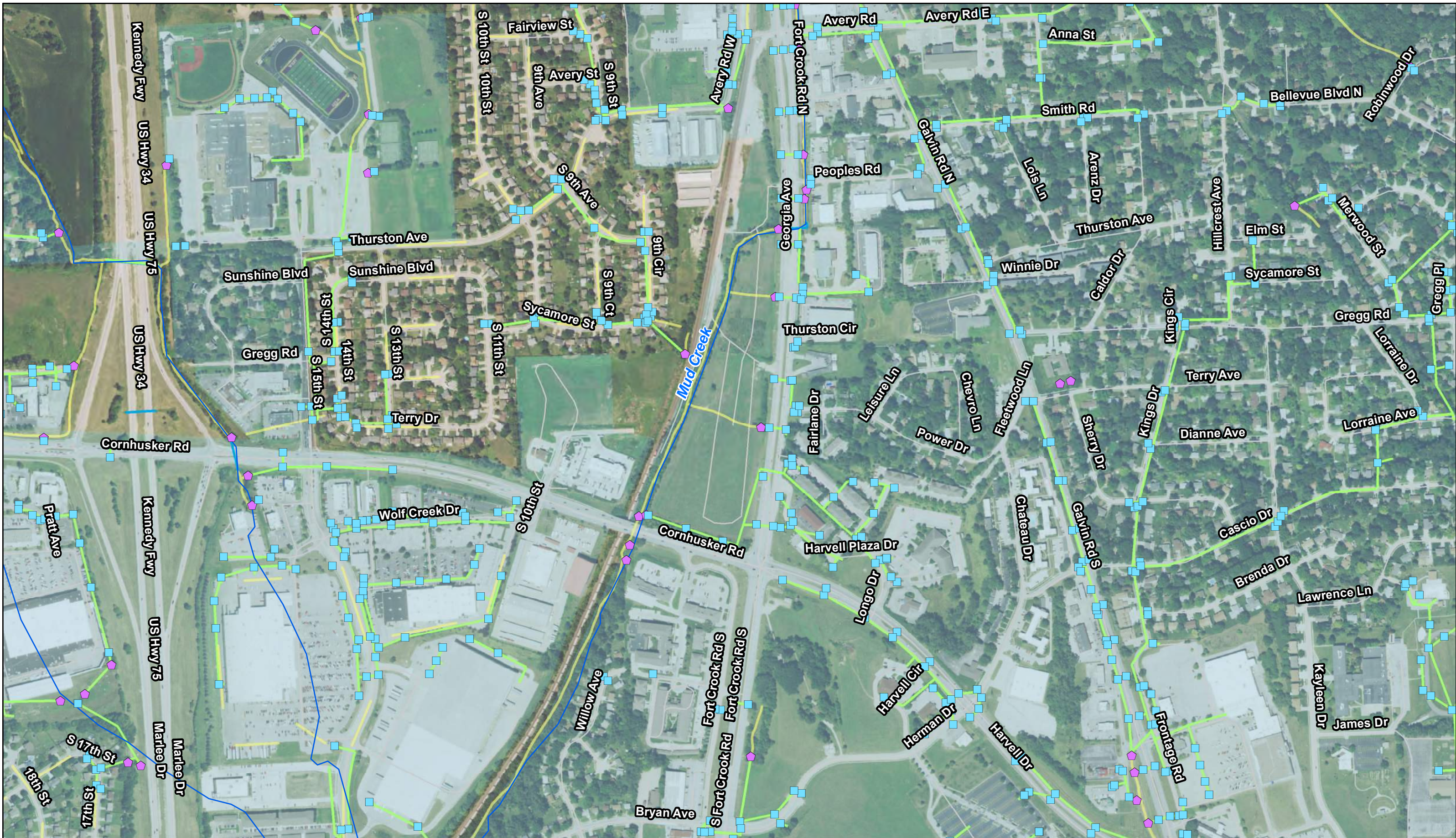
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- Inlet
- ◆ Discharge Point
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- Open Drain
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Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- C1

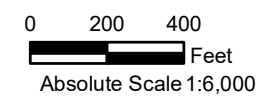


NAIP 2020 Sarpy County Aerial Imagery



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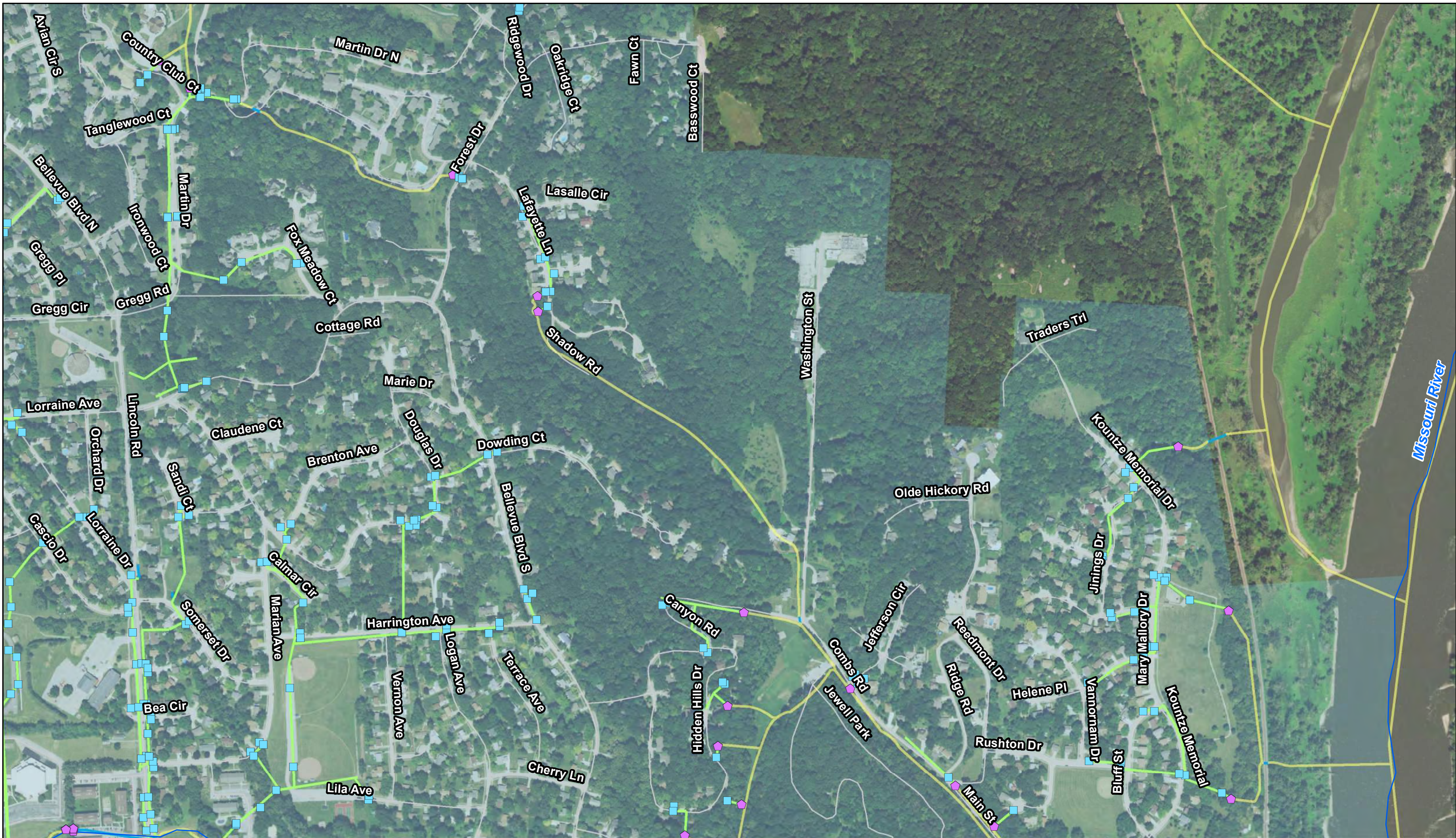
- Inlet
- Open Drain
- Road
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- Bellevue City Limits
- Stream/Channel
- Culvert



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- C2

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NAIP 2020 Sarpy County Aerial Imagery



Legend

- Inlet
- ◆ Discharge Point
- Stream/Channel
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- Storm Sewer Main
- Culvert
- Bellevue City Limits
- Road



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 Absolute Scale 1:6,000

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STORM SEWER OUTFALL MAP- C3

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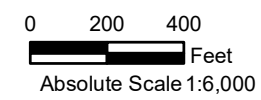


NAIP 2020 Sarpy County Aerial Imagery



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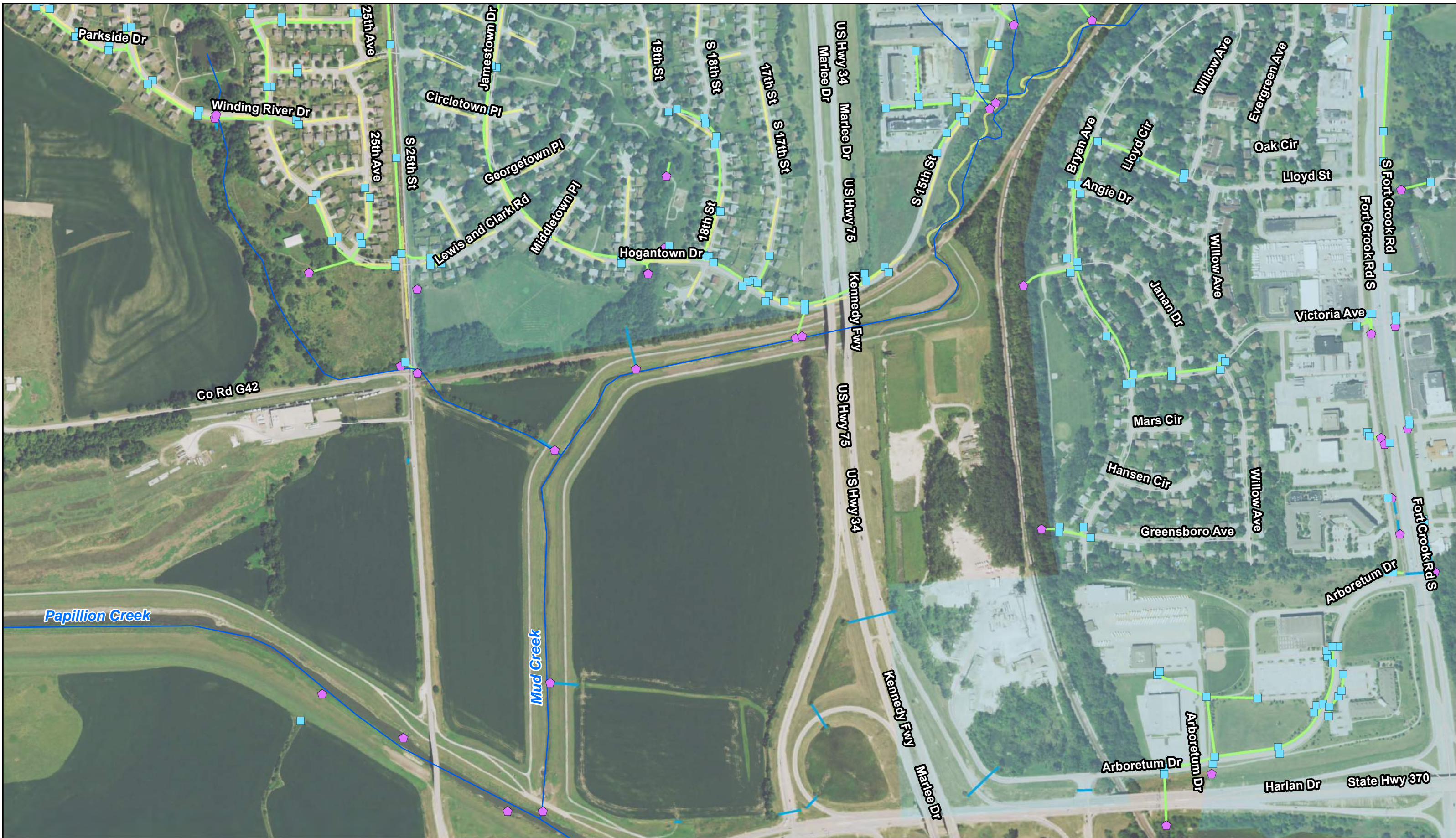
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Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- D1

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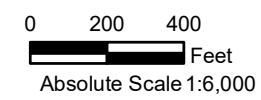
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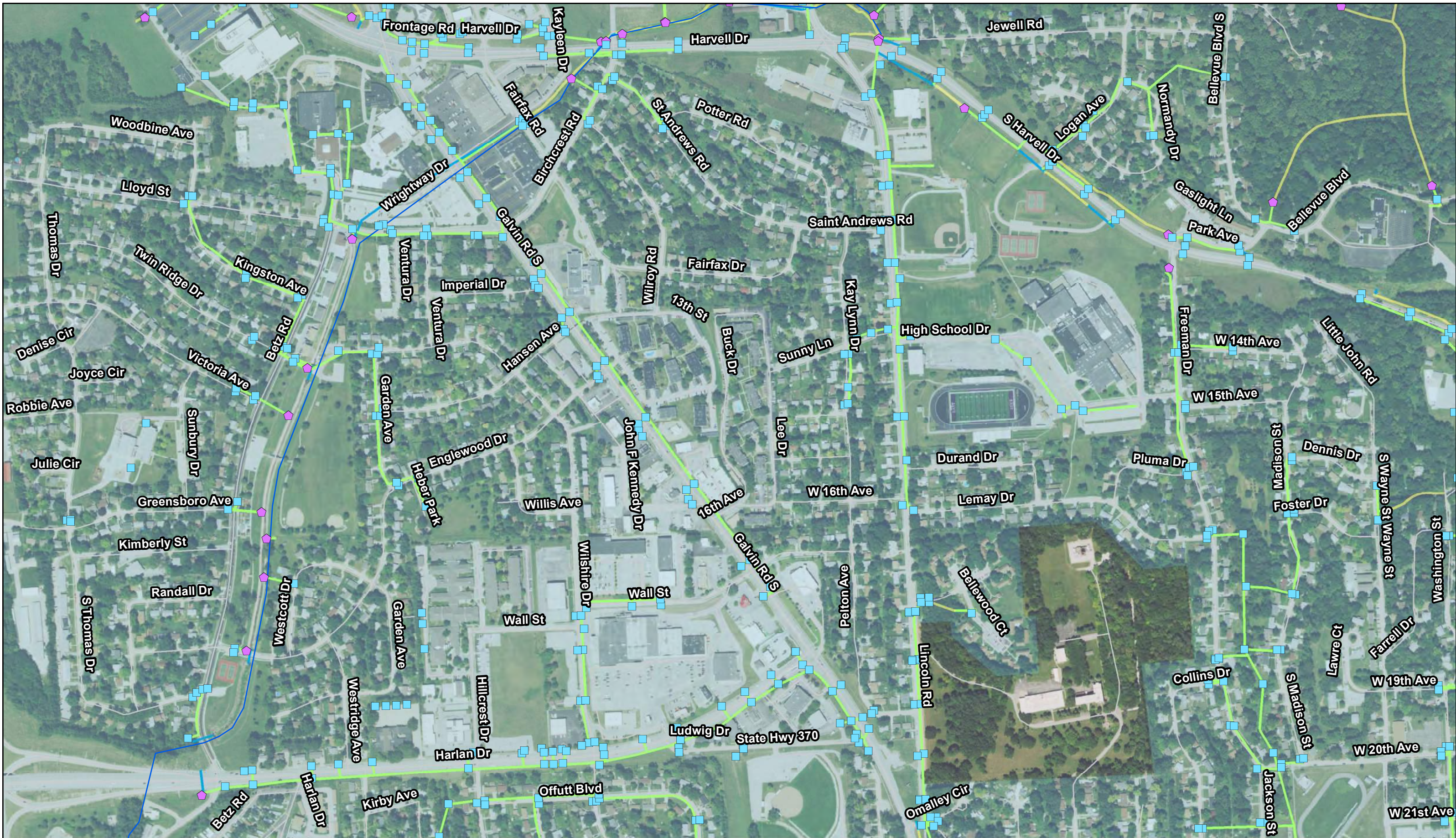
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Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- D2



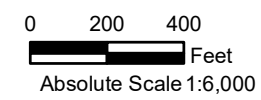
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Legend

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STORM SEWER OUTFALL MAP- D3



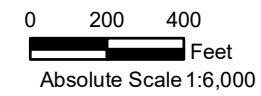
NAIP 2020 Sarpy County Aerial Imagery



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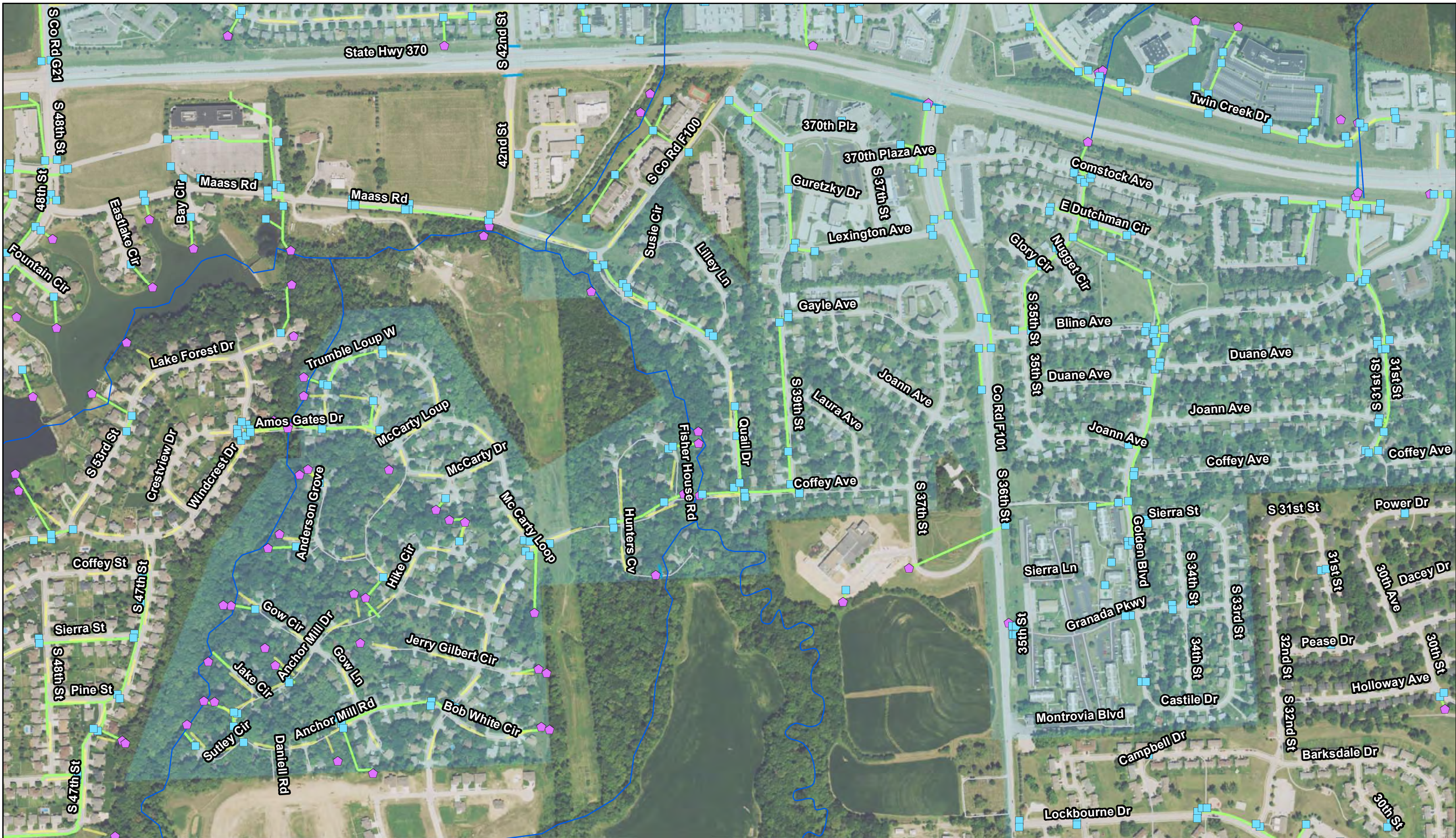
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- Inlet
- ◆ Discharge Point
- Stream/Channel
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Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- D4

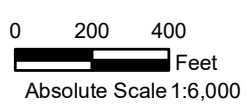


NAIP 2020 Sarpy County Aerial Imagery



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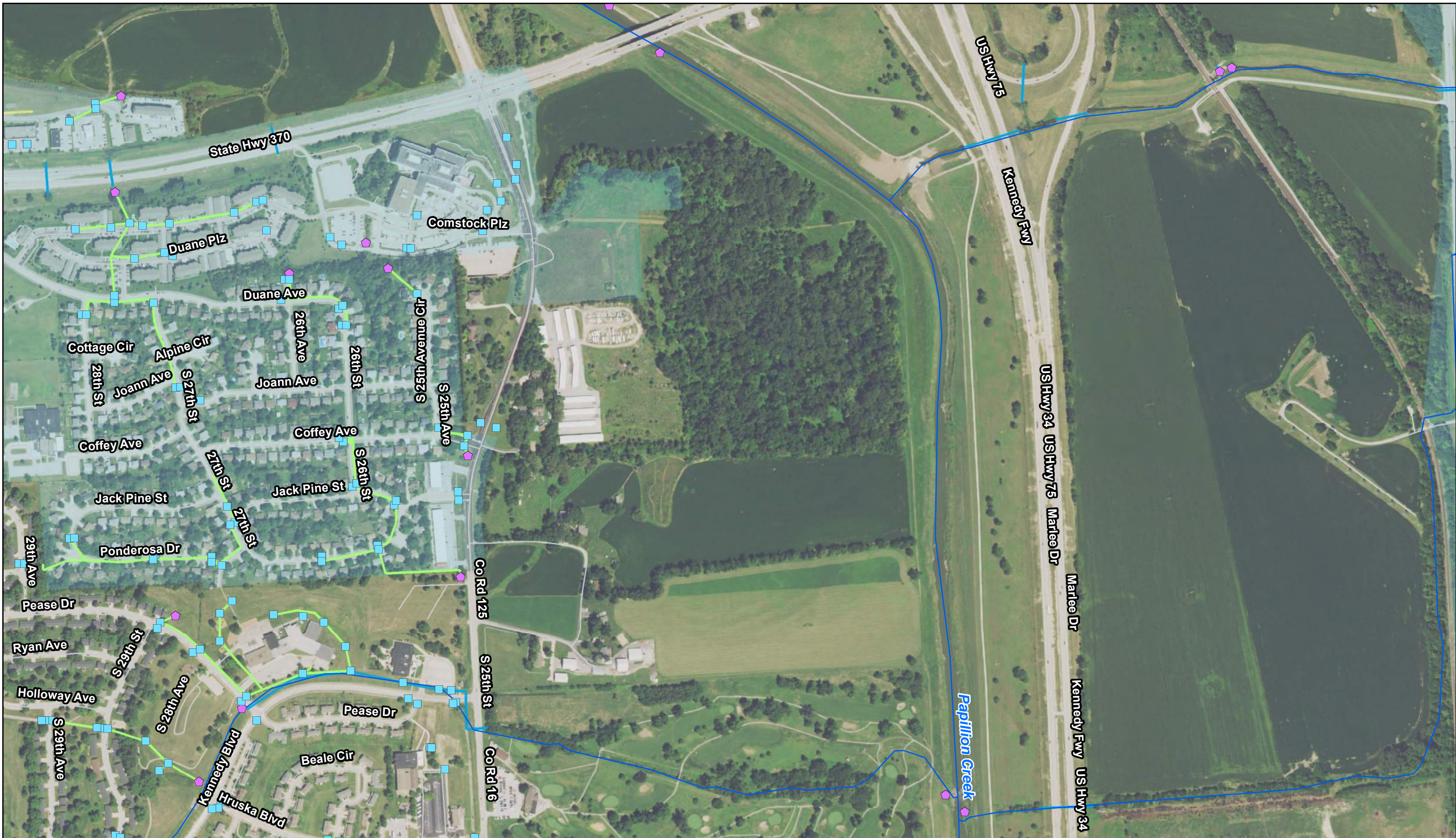
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- Culvert
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Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- E1

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NAIP 2020 Sarpy County Aerial Imagery



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Legend

- Inlet
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- Road
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- Storm Sewer Main
- Bellevue City Limits
- Stream/Channel
- Culvert



0 200 400
Feet
Absolute Scale 1:6,000

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STORM SEWER OUTFALL MAP- E2

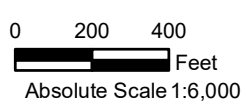


NAIP 2020 Sarpy County Aerial Imagery



Legend

- Inlet
- ◆ Discharge Point
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STORM SEWER OUTFALL MAP- E3

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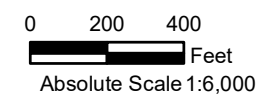
NAIP 2020 Sarpy County Aerial Imagery



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Legend

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STORM SEWER OUTFALL MAP- E4



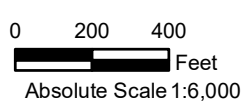
NAIP 2020 Sarpy County Aerial Imagery



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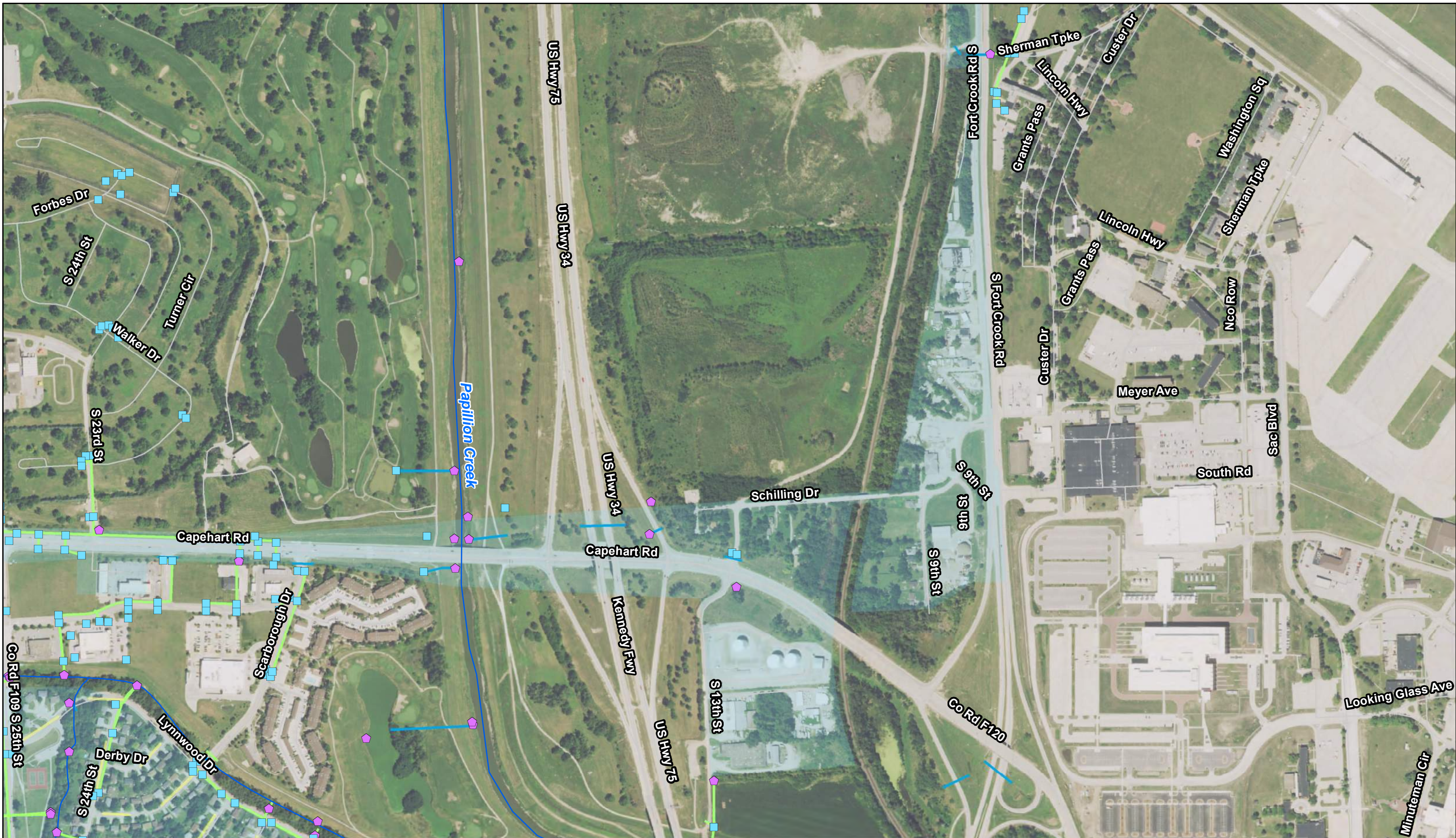
Legend

- Inlet
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- Stream/Channel
- Culvert



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- F1

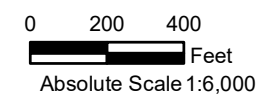


NAIP 2020 Sarpy County Aerial Imagery



Legend

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Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- F2

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NAIP 2020 Sarpy County Aerial Imagery



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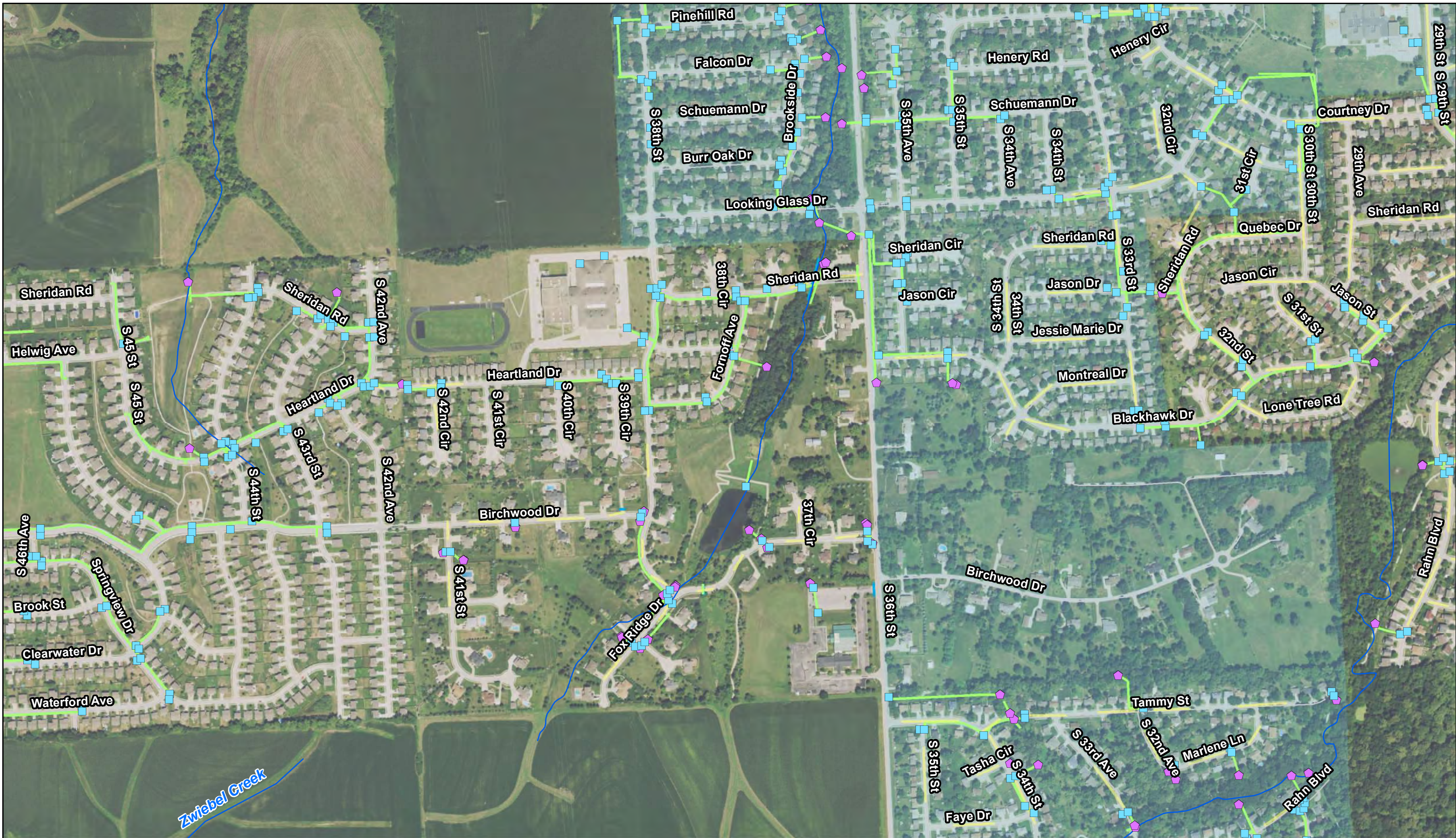
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0 200 400 Feet
Absolute Scale 1:6,000

Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- F3

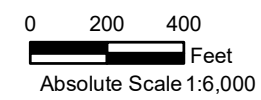


NAIP 2020 Sarpy County Aerial Imagery



Legend

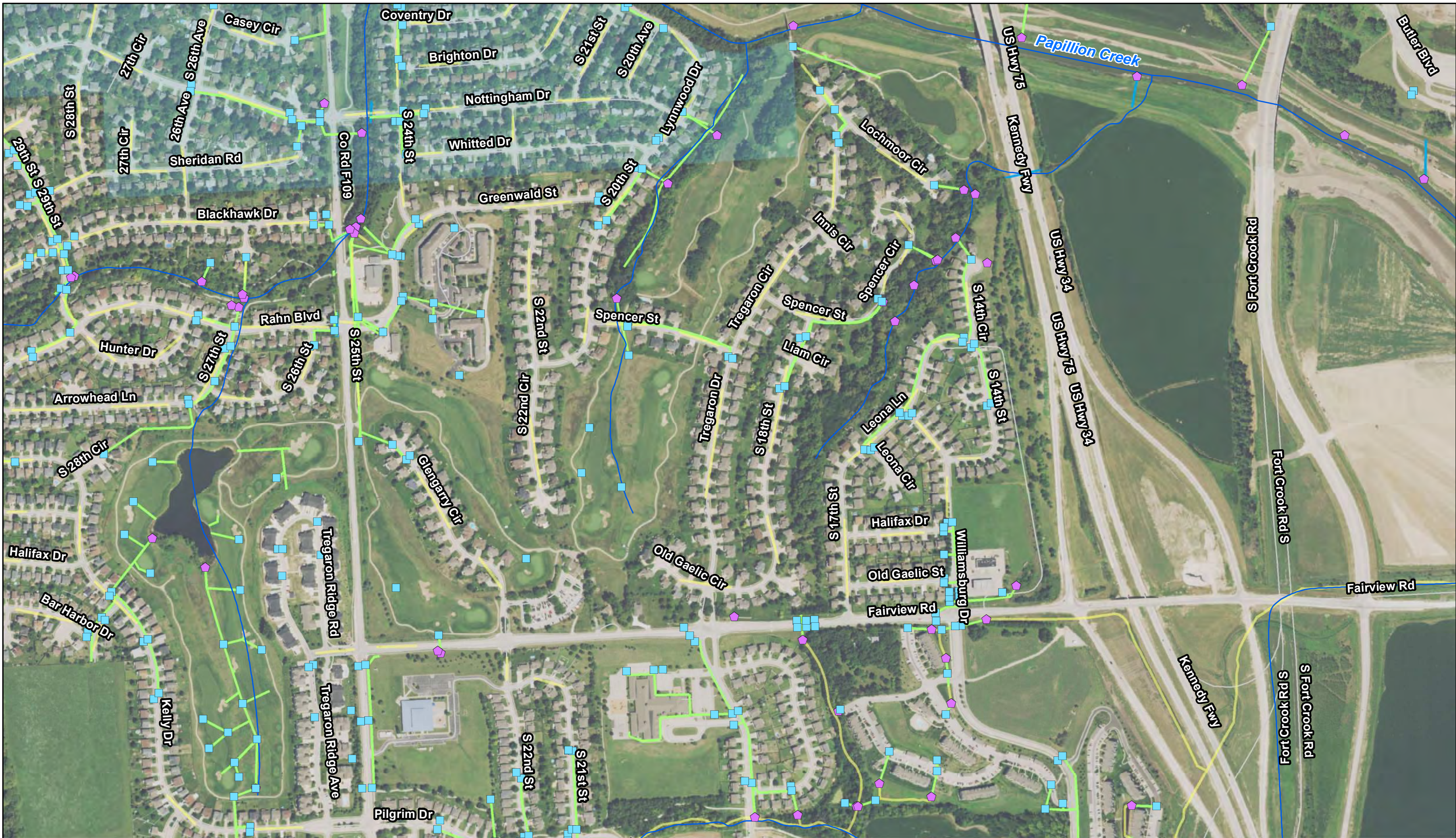
- Inlet
- ◆ Discharge Point
- Stream/Channel
- Open Drain
- Storm Sewer Main
- Culvert
- Road
- Bellevue City Limits



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP - G1

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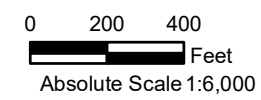


NAIP 2020 Sarpy County Aerial Imagery



Legend

- Inlet
- ◆ Discharge Point
- Stream/Channel
- Open Drain
- Storm Sewer Main
- Culvert
- Road
- Bellevue City Limits



Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP - G2

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NAIP 2020 Sarpy County Aerial Imagery



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Legend

- Inlet
- Discharge Point
- Open Drain
- Storm Sewer Main
- Bellevue City Limits
- Culvert
- Road
- Stream/Channel



0 200 400
Feet
Absolute Scale 1:6,000

Note: Stormwater Network data retrieved from gis.sarpy.gov. All data used has been updated in 2021.

STORM SEWER OUTFALL MAP- H2